		"6833848" | "6865481" | "6877134" | "6901366" | "6937977" | "6944594" | "6973387" | "6980092" | "6990513" | "6996531" | "7020609" | "7027975" | "7062488" | "7092928" | "7127400" | "7137126" | "7146319" | "7289606" | "7376645" | "7398209" | "7424431" | "7461059" | "7493559").PN.				
S13	187	("20010041980" | "20020049805" | "20020065568" | "20020082911" | "20020120609" | "20020124050" | "20020143535" | "20020188602" | "20020198714" | "20030014261" | "20030112267" | "20030182132" | "20040025115" | "20040044516" | "20040166832" | "20040199375" | "20050021334" | "20050021826" | "20050033574" | "20050114116" | "20050246174" | "20070033005" | "20070038436" | "20070050191" | "20080091406" | "20080103761" | "20080115163" | "20080133215" | "20090117885" | "20090144271" | "4430669" | "5155743" | "5274560" | "5377350" | "5386556" | "5424947" | "5471318" | "5475733" | "5499289" | "5500920" | "5517560" | "5533108" | "5537436" | "5539744" | "5557667" | "5563937" | "5590039" | "5617407" | "5633922" | "5675629" | "5696965" | "5708422" | "5721938" | "5722084" | "5742763" | "5752052" | "5754784" | "5761631" | "5774859" | "5794050" | "5797112" | "5799276" | "5802510" | "5832221" | "5878385" | "5878386" | "5892813" | "5895466" | "5902347" | "5911120" | "5918222" | "5926784" | "5933822" | "5953393" | "5963894" | "5963940" | "5987404" | "5991721" | "5995119" | "6009382" | "6014559" | "6021384" | "6044347" | "6049602" | "6058187" | "6078886" | "6081774" | "6101241" | "6119087" | "6134235" | "6144667" | "6160883" | "6173279" | "6175858" | "6185535" | "6192110" | "6192338" | "6195634" | "6195651" | "6208972" | "6219346" | "6219643" | "6233556" | "6233559" | "6246981" | "6272455" | "6292767" | "6314402" | "6366886" | "6381535" | "6385646" | "6393428" | "6404878" | "6408272" | "6411810").PN. OR ("6415257" | "6418210" | "6420975" | "6430285" | "6434523" | "6434524" | "6442522" | "6446114" | "6453153" | "6453292" | "6456711" | "6466654" | "6466899" | "6498797" | "6499013" | "6501833" | "6501834" | "6513006" | "6523061" | "6532444" | "6539348" | "6553372" | "6556970" | "6556973" | "6560576" | "6567778" | "6567797" | "6570555" | "6570964" | "6574597" | "6574624" | "6594257" | "6598018" | "6604077" | "6611692" | "6614773" | "6615172" |	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/05 13:27

		"6629066" | "6631346" | "6643620" | "6650747" | "6691151" | "6721001" | "6721706" | "6735592" | "6741931" | "6742021" | "6757718" | "6795808" | "6833848" | "6865481" | "6877134" | "6901366" | "6937977" | "6944594" | "6973387" | "6980092" | "6990513" | "6996531" | "7020609" | "7027975" | "7062488" | "7092928" | "7127400" | "7137126" | "7146319" | "7289606" | "7376645" | "7398209" | "7424431" | "7461059" | "7493559").PN.				
S14	196	S11 or S12	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/05 13:28
S15	3	"6615172".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 06:00
S16	117	"s196" and pars$4	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 06:02
S17	82	"s196" and pars$4 and (GPS telematics navigat$4)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 06:03
S18	2	"7693720".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 06:08
S19	1	S18 and pars$4 and (GPS telematics navigat$4)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 06:08
S20	23	"10/452147"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 06:25
S21	2	"20100145700".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 07:12
S22	2	"7693720".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 09:13
S23	2	"6937977".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 09:41
S24	4263	telematics.ti,abst,bsum,clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:49
S25	140	telematics.ti,abst,bsum,clm. and "704".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:49

S26	1732	telematics.ti,abst,bsum,clm. and (command query)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:50
S27	102	telematics.ti,abst,bsum,clm. and (command query) and "704".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:50
S28	28	telematics.ti,abst,bsum,clm. and (command query) and "704".clas. and safety	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:51
S29	71	telematics.ti,abst,bsum,clm. and (command query) and "704".clas. and (safety hazard$4 emergency panic)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:52
S30	72	telematics.ti,abst,bsum,clm. and (command query warn$4) and "704".clas. and (safety hazard$4 emergency panic)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:53
S31	73	telematics.ti,abst,bsum,clm. and (command query warn$4) and "704".clas. and (safety hazard$4 emergency panic accident)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:53
S32	76	telematics.ti,abst,bsum,clm. and (command query warn$4 sensor) and "704".clas. and (safety hazard$4 emergency panic accident)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:54
S33	77	telematics.ti,abst,bsum,clm. and (command query warn$4 sensor) and "704".clas. and (safety hazard$4 emergency panic accident travel)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:54
S34	6	telematics.ti,abst,bsum,clm. and (command query warn$4 sensor) and "704".clas. and (safety hazard$4 emergency panic accident travel) and ((dialogue interactive convers$4) near5 (history record))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:55
S35	71	telematics.ti,abst,bsum,clm. and (command query warn$4 sensor) and "704".clas. and (safety hazard$4 emergency panic accident travel) not kennewick	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:56
S36	71	telematics.ti,abst,bsum,clm. and (command query warn$4 sensor) and "704".clas. and (safety hazard$4 emergency panic accident travel) not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:56
S37	134	telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 11:18
S38	63	telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not S36	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 11:19
S39	52	telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not S36 not rhoads.in.	US-PGPUB; USPAT;	OR	ON	2011/11/07 11:19

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S40	105	telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not rhoads.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 12:15
S41	105	telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not rhoads.in. and ay>="2002"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 12:16
S42	105	telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not rhoads.in. and fy>="2002"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 12:17
S43	105	telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not rhoads.in. and fy<="2002"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 12:17
S44	105	fy<="2002" and telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not rhoads.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 12:17
S45	7	@py<="2002" and telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not rhoads.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 12:32
S46	275	@py<="2002" and telematics.ti,abst,bsum,clm. not kennewick.in. not rhoads.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 14:15
S47	2	09/918,360	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 08:37
S48	275	@py<="2002" and telematics.ti,abst,bsum,clm. not kennewick.in. not rhoads.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 09:20
S49	16	S48 and ((speech voice) near3 (recogni$4)) and mobile	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 09:20
S50	10	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and (telematic$4 onstar on-star) and @py<="2007"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 09:51
S51	846	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and @py<="2007"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 09:51
S52	39	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and (telematic$4 onstar on-star)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 09:51
S53	10	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and (telematic$4 onstar on-star) and @py<="2007"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 13:46

S54	39	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and (telematic$4 onstar on-star)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 13:46
S55	29	S54 not S53	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 13:46
S56	839	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and @py<="2007" not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 13:49
S57	541	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and @py<="2005" not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 13:49
S58	608	(car navig$5 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and @py<="2005" not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 14:15
S59	596	(car navig$5 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and @py<="2005" not kennewick.in. not parry.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 14:22
S60	534	(car navigation navigator vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and @py<="2005" not kennewick.in. not parry.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 14:36
S61	118	(car navigation navigator vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and @py<="2005" not kennewick.in. not parry.in. and (mobile near3 device)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 14:42
S62	2	"7275049".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 14:59
S63	15	("7275049").URPN.	USPAT	OR	ON	2011/11/08 14:59
S64	15	("7275049").URPN.	USPAT	OR	ON	2011/11/08 14:59
S65	10	("20030204492" | "20040162724" | "20040193420" | "5003506" | "5799276" | "6173251" | "6327343" | "6510417" | "6901364" | "7103563").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/08 14:59
S66	10	("20030204492" | "20040162724" | "20040193420" | "5003506" | "5799276" | "6173251" | "6327343" | "6510417" | "6901364" | "7103563").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/08 14:59
S67	25	S64 or S65	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/08 14:59
S68	15	("7275049").URPN.	USPAT	OR	ON	2011/11/09

						08:57
S69	10	("20030204492" | "20040162724" | "20040193420" | "5003506" | "5799276" | "6173251" | "6327343" | "6510417" | "6901364" | "7103563").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/09 08:57
S70	24	S68 or S69 not kennewick.in.	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/09 08:57
S71	3	"6901364".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/09 14:16
S72	3	"6910003".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/09 14:21
S73	41	(US-20020188392-$ or US-20020175647-$ or US-20020173889-$ or US-20020164973-$ or US-20020151297-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040205671-$ or US-20040199375-$ or US-20040168119-$ or US-20030204492-$).did. or (US-7219063-$ or US-6968311-$ or US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6970935-$ or US-6910003-$ or US-6885734-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-6901364-$ or US-6173251-$).did.	US-PGPUB; USPAT	OR	ON	2011/11/10 07:29
S74	17	S73 and ((multiple several many) near3 (user input entry dialog))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 07:30
S75	12	S73 and ((multiple several many) near3 (user input entry dialog)) and pars$4	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 07:58
S76	2	"6185535".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 09:50
S77	0	704/275.clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 10:27
S78	2577	704/275.ccls.	US-	OR	ON	2011/11/10

			PGPUB; USPAT; DERWENT			10:28
S79	1168	704/275.ccls. and @py<="2005"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 10:28
S80	813	704/275.ccls. and @py<="2005"	USPAT	OR	ON	2011/11/10 10:28
S81	5	704/275.ccls. and @py<="2005" and (telematic telematics)	USPAT	OR	ON	2011/11/10 10:28
S82	10	704/275.ccls. and @py<="2005" and (telematic telematics)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 12:36
S83	2	704/275.ccls. and (telematic telematics) and (manual near3 override)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 12:37
S84	11	704/275.ccls. and (manual near3 override)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 12:37
S85	9	704/275.ccls. and (manual near3 override) not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 12:38
S86	818	704/275.ccls. and (interactive) not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 12:53
S87	316	704/275.ccls. and (interactive) and (car vehicle auto$4) not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 12:54
S88	163	704/275.ccls. and (interactive) and (car vehicle auto$4).ti,abst,bsum,clm. not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 13:48
S89	2	"6185535".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:22
S90	2	"6980092".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:24
S91	2	"20020151297".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:27
S92	2	"6466232".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:33
S93	2	"6108532".pn.	US-PGPUB; USPAT;	OR	ON	2011/11/10 14:33

			DERWENT			
S94	2	"6718187".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:34
S95	2	"6546257".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:35
S96	2	"6405106".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:35
S97	2	"6389278".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:37
S98	2	"20010023397".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 07:16
S99	2	"20060122834".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 07:18
S100	2	"5797116".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 07:38
S101	5	"7302383".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 07:44
S102	5	("20010011217" | "20020165862" | "20030125955" | "6615172" | "6904428").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/11 07:45
S103	6	("7302383").URPN.	USPAT	OR	ON	2011/11/11 08:14
S104	614	calcar	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:14
S105	147	calcar and (car vehicle automobile)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:15
S106	130	calcar and (car vehicle automobile) not polymer	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:15
S107	130	calcar and (car vehicle automobile) not polymer not calcar.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:33
S108	119	calcar and (car vehicle automobile) not polymer and obradovich.in.	US-PGPUB; USPAT;	OR	ON	2011/11/11 08:33

			DERWENT			
S109	142	(car vehicle automobile) not polymer and obradovich.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:33
S110	178	obradovich.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:33
S111	135	obradovich.in. near michael	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:34
S112	39	obradovich.in. near michael and accident	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:34
S113	100	(obradovich.in. near michael) and (hazard$4 danger$4 accident$4)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 10:18
S114	49	(obradovich.in. near michael) and ((hazard$4 danger$4 accident$4) near3 condition)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 10:19
S115	1	(obradovich.in. near michael) and ((danger$4 accident$4) near3 condition)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 10:34
S116	10	"7,902,969".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 10:51
S117	10	"7902969".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 10:51
S118	10	"7902969".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 10:51
S119	39	obradovich.in. near michael and accident	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 15:43
S120	480134	obradovich.in. near michael and (panic emergency crime)]	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 18:25
S121	125	obradovich.in. near michael and (panic emergency crime)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 18:25
S122	44	obradovich.in. near michael and (panic crime)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 18:26
S123	29	obradovich.in. near michael and (panic	US-	OR	ON	2011/11/11

		crime) not (crime adj area)	PGPUB; USPAT; DERWENT			18:26
S124	27	obradovich.in. near michael and (panic crime) not (crime adj (rate area))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 18:27
S125	9	obradovich.in. near michael and ((interactive near5 guidance) (negotiat$4))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 07:03
S126	0	obradovich.in. near michael and ((interactive near5 guidance) (negotiat$4)) not (negotiat$4 adj3 corner)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 07:04
S127	0	obradovich.in. near michael and (interactive near5 guidance)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 07:04
S128	20	obradovich.in. near michael and onstar	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 07:04
S129	9	obradovich.in. near michael and ((call$4 communicat$4) with (other nearby) with (car vehicle automobile))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 09:10
S130	2290	((call$4 communicat$4) with (other nearby) with (car vehicle automobile))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 09:12
S131	872	((call$4 communicat$4) with (other nearby) with (car vehicle automobile)) and @py<="2005"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 09:12
S132	467	((call$4 communicat$4) with (other nearby) with (car vehicle automobile)) and @py<="2002"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 09:12
S133	75	((call$4 communicat$4) with (other nearby) with (car vehicle automobile)) and @py<="2002" and accident	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 10:12
S134	88	(US-20020188392-$ or US-20020175647-$ or US-20020173889-$ or US-20020164973-$ or US-20020151297-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040205671-$ or US-20040199375-$ or US-20040168119-$ or US-	US-PGPUB; USPAT	OR	ON	2011/11/12 11:54

		20030204492-$).did. or (US-20100312566-$ or US-20090313026-$ or US-20090216540-$ or US-20060190269-$ or US-20050257174-$ or US-20040215464-$ or US-20030083884-$ or US-20040193426-$ or US-20020022927-$).did. or (US-7219063-$ or US-6968311-$ or US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6970935-$ or US-6910003-$ or US-6885734-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-6901364-$ or US-6173251-$ or US-6839670-$ or US-7406421-$ or US-7920682-$ or US-7801731-$ or US-7769143-$ or US-7426467-$ or US-6411934-$ or US-5812977-$ or US-4797924-$ or US-6108532-$ or US-6405106-$).did. or (US-7902969-$ or US-7802198-$ or US-7748021-$ or US-7741959-$ or US-7739039-$ or US-7702455-$ or US-7656310-$ or US-7650234-$ or US-7593812-$ or US-7561065-$ or US-7535344-$ or US-7522992-$ or US-7499778-$ or US-7461561-$ or US-7475057-$ or US-7417531-$ or US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6405132-$ or US-6401036-$ or US-6370475-$).did.				
S135	2	S134 and wolfe	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 11:54
S136	2	"6877001".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 11:57
S137	7	(fuzzy prior aprior) near3 (probability possibility)with (history near6 dialog speech) with dictionary	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 06:18
S138	2	(fuzzy prior aprior) near3 (probability possibility)with (history near6 dialog speech) with dictionary not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 06:18
S139	26	(fuzzy prior aprior) near3 (probability possibility) with dictionary not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 06:19
S140	2	(fuzzy prior aprior) near3 (probability possibility) and glushnev.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 06:40
S141	22	(fuzzy prior aprior) near3 (probability possibility) and 704/10.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 06:41

S142	25506	((multiple several many) near4 (user speaker)) and ((voice speech) near5 (recogni$4))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 07:32
S143	4513	((multiple several many) near4 (user speaker dialog)) and ((voice speech) near5 (recogni$4)) and "704".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 07:32
S144	48	((multiple several many) near4 (user speaker dialog)) and ((voice speech) near5 (recogni$4)) and "704".clas. and ((overlap$4 simultaneous$4) near4 (dialog))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 07:33
S145	48	((multiple several many) near3 (user speaker dialog)) and ((voice speech) near3 (recogni$4)) and "704".clas. and ((overlap$4 simultaneous$4) near4 (dialog))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 07:39
S146	47	((multiple several many) near3 (user speaker dialog)) and ((voice speech) near3 (recogni$4)) and "704".clas. and ((overlap$4 simultaneous$4) near4 (dialog)) not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 07:39
S147	51	((multiple several many) adj3 (user speaker dialog)) and "704".clas. and ((overlap$4 simultaneous$4) near4 (dialog)) not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 08:01
S148	3	"6910003".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/06 13:40
S149	2	"6910003".pn. and speech	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/06 13:58
S150	98	(US-8195468-$ or US-8155962-$ or US-8150694-$ or US-8145489-$ or US-8144838-$ or US-8140335-$ or US-8140327-$ or US-8131458-$ or US-8112275-$ or US-8082153-$ or US-8078471-$ or US-8078397-$ or US-8073681-$ or US-8073590-$ or US-8069046-$ or US-8060301-$ or US-8015006-$ or US-7983917-$ or US-7953599-$ or US-7949529-$ or US-7917527-$ or US-7917367-$ or US-7912702-$ or US-7873519-$ or US-7844460-$ or US-7831426-$).did. or (US-7818176-$ or US-7809570-$ or US-7805309-$ or US-7729904-$ or US-7725321-$ or US-7725320-$ or US-7725307-$ or US-7702508-$ or US-7698131-$ or US-7693720-$ or US-7672841-$ or US-7657424-$ or US-7647225-$ or US-7640160-$ or US-7634409-$ or US-7624007-$ or US-7620549-$ or US-7599838-$ or US-7590224-$ or US-7567907-$ or US-7555431-$ or US-7502738-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/10 10:27
S151	89	(US-20020188392-$ or US-	US-	OR	ON	2012/07/10

		20020175647-$ or US-20020173889-$ or US-20020164973-$ or US-20020151297-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040205671-$ or US-20040199375-$ or US-20040168119-$ or US-20030204492-$).did. or (US-20100312566-$ or US-20090313026-$ or US-20090216540-$ or US-20060190269-$ or US-20050257174-$ or US-20040215464-$ or US-20030083884-$ or US-20040193426-$ or US-20020022927-$).did. or (US-7219063-$ or US-6968311-$ or US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6970935-$ or US-6910003-$ or US-6885734-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-6901364-$ or US-6173251-$ or US-6839670-$ or US-7406421-$ or US-7920682-$ or US-7801731-$ or US-7769143-$ or US-7426467-$ or US-6411934-$ or US-5812977-$ or US-4797924-$ or US-6108532-$ or US-6405106-$).did. or (US-7902969-$ or US-7802198-$ or US-7748021-$ or US-7741959-$ or US-7739039-$ or US-7702455-$ or US-7656310-$ or US-7650234-$ or US-7593812-$ or US-7561065-$ or US-7535344-$ or US-7522992-$ or US-7499778-$ or US-7461561-$ or US-7475057-$ or US-7417531-$ or US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6405132-$ or US-6401036-$ or US-6370475-$).did. or (US-7478036-$).did.	PGPUB; USPAT			10:28
S152	0	S151 and S150	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/10 10:28
S153	289	("20010049601" | "20020015500" | "20020035501" | "20030016835" | "20030110037" | "20030115062" | "20030120493" | "20030144846" | "20030158731" | "20030206640" | "20030212550" | "20040098245" | "20040167771" | "20050137877" | "20050143994" | "20070033020" | "20070073544" | "20070118357" |	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/10 10:41

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S154	140	("20010049601" | "20020015500" | "20020035501" | "20030016835" | "20030110037" | "20030115062" | "20030120493" | "20030144846" | "20030158731" | "20030206640" | "20030212550" | "20040098245" | "20040167771" | "20050137877" | "20050143994" | "20070033020" | "20070073544" | "20070118357" | "20080065386" | "20080140385" | "20090216540" | "20090271194" | "20110112827" | "20110112921" | "20110131036" | "20110131045" | "20110231182" | "20110231188" | "20120022857" | "20120101809" | "20120101810" | "20120109753" | "5027406" | "5060367" | "5208748" | "5357596" | "5577165" | "5608635" | "5740256" | "5748974" | "5839107" | "5897613" | "5960397" | "5960399" |	US-PGPUB; USPAT	OR	ON	2012/07/10 10:42

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S155	0	S150 and S151 and S154	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/10 10:48
S156	264	S150 S151 S154	US-PGPUB; USPAT	OR	ON	2012/07/10 10:48
S157	140	("20010049601" | "20020015500" | "20020035501" | "20030016835" | "20030110037" | "20030115062" | "20030120493" | "20030144846" | "20030158731" | "20030206640" | "20030212550" | "20040098245" | "20040167771" | "20050137877" | "20050143994" | "20070033020" | "20070073544" | "20070118357" | "20080065386" | "20080140385" | "20090216540" | "20090271194" | "20110112827" | "20110112921" | "20110131036" | "20110131045" | "20110231182" | "20110231188" | "20120022857" | "20120101809" | "20120101810" | "20120109753" | "5027406" | "5060367" | "5208748" | "5357596" | "5577165" | "5608635" | "5740256" | "5748974" | "5839107" | "5897613" | "5960397" | "5960399" | "5960447" | "5995928" | "6018708" | "6035267" | "6049607" | "6067513" | "6085186" | "6108631" | "6167377" |	US-PGPUB; USPAT	OR	ON	2012/07/10 12:30

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S158	2	"6944593".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/21 13:16
S159	3	"6910003".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/22 10:27
S160	92	("6910003").URPN.	USPAT	OR	ON	2012/07/22 14:38
S161	10	("5434777" | "5742816" | "5748974" | "5895464" | "6038561" | "6446081" | "6510406" | "6578022" | "6601026" | "6745161").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2012/07/22 14:38
S162	102	S160 S161	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/22 14:38
S163	98	S160 S161 and domain	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/22 14:39
S167	16	(US-6745161-$ or US-8170867-$ or US-8219599-$ or US-8155962-$ or US-7953732-$ or US-7873519-$ or US-7831426-$ or US-7542894-$ or US-7321850-$ or US-7299186-$ or US-7283951-$ or US-7190770-$ or US-7107218-$ or US-6601026-$ or US-6578022-$ or US-5895464-$).did.	USPAT	OR	ON	2012/07/22 19:18
S169	289	("20010049601" | "20020015500" |	US-	OR	ON	2012/07/23

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S170	140	("20010049601" | "20020015500" | "20020035501" | "20030016835" | "20030110037" | "20030115062" | "20030120493" | "20030144846" | "20030158731" | "20030206640" | "20030212550" | "20040098245" | "20040167771" | "20050137877" | "20050143994" | "20070033020" | "20070073544" | "20070118357" | "20080065386" | "20080140385" | "20090216540" | "20090271194" | "20110112827" | "20110112921" |	US-PGPUB; USPAT	OR	ON	2012/07/23 06:38

		"20110131036" | "20110131045" | "20110231182" | "20110231188" | "20120022857" | "20120101809" | "20120101810" | "20120109753" | "5027406" | "5060367" | "5208748" | "5357596" | "5577165" | "5608635" | "5740256" | "5748974" | "5839107" | "5897613" | "5960397" | "5960399" | "5960447" | "5995928" | "6018708" | "6035267" | "6049607" | "6067513" | "6085186" | "6108631" | "6167377" | "6173266" | "6188982" | "6208964" | "6233561" | "6266636" | "6269336" | "6278968" | "6366882" | "6377913" | "6397181" | "6405170" | "6429813" | "6510417" | "6522746" | "6549629" | "6587858" | "6594367" | "6606598" | "6622119" | "6633846" | "6681206" | "6701294" | "6704708" | "6751612" | "6757544" | "6832230" | "6868380" | "6912498" | "6934756" | "6954755" | "6959276" | "6975993" | "6983055" | "7003463" | "7024364" | "7035415" | "7043425" | "7054817" | "7058890" | "7069220" | "7072834" | "7107210" | "7110951" | "7143037" | "7165028" | "7184957" | "7197069" | "7206418" | "7207011" | "7236923" | "7277854" | "7305381" | "7328155" | "7337116" | "7366669" | "7415414" | "7447635" | "7472020" | "7472060" | "7493259" | "7516076" | "7536297" | "7536374" | "7558730" | "7574362" | "7577244" | "7606708" | "7676365" | "7676369" | "7729918" | "7788084" | "7831433" | "7873523" | "7917367" | "7949529" | "7949537" | "7983917" | "8015006" | "8069046" | "8073681" | "8086463" | "8112275" | "8140327" | "8140335" | "8145489" | "8150694" | "8155962").PN.				
S171	118	S170 and (command control query)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 06:39
S172	113	(US-20020188392-$ or US-20020175647-$ or US-20020173889-$ or US-20020164973-$ or US-20020151297-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040205671-$ or US-20040199375-$ or US-20040168119-$ or US-20030204492-$).did. or (US-20090313026-$ or US-20090216540-$	US-PGPUB; USPAT	OR	ON	2012/07/23 09:23

		or US-20060190269-$ or US-20050257174-$ or US-20040215464-$ or US-20040193426-$ or US-20020022927-$ or US-20030158731-$ or US-20030144846-$ or US-20030120493-$).did. or (US-6968311-$ or US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6970935-$ or US-6910003-$ or US-6885734-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-6901364-$ or US-6173251-$ or US-6839670-$ or US-7920682-$ or US-7769143-$ or US-7426467-$ or US-6411934-$ or US-5812977-$ or US-4797924-$ or US-6108532-$ or US-6405106-$ or US-7902969-$ or US-7802198-$ or US-7748021-$).did. or (US-7741959-$ or US-7739039-$ or US-7702455-$ or US-7656310-$ or US-7650234-$ or US-7593812-$ or US-7561065-$ or US-7535344-$ or US-7522992-$ or US-7499778-$ or US-7461561-$ or US-7475057-$ or US-7417531-$ or US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6405132-$ or US-6401036-$ or US-6370475-$ or US-7478036-$ or US-8170867-$ or US-8219599-$).did. or (US-8155962-$ or US-7953732-$ or US-7873519-$ or US-7831426-$ or US-7542894-$ or US-7321850-$ or US-7299186-$ or US-7283951-$ or US-7190770-$ or US-7107218-$ or US-6601026-$ or US-6578022-$ or US-5895464-$ or US-7676365-$ or US-7558730-$ or US-7447635-$ or US-7337116-$ or US-7328155-$ or US-7305381-$ or US-7207011-$ or US-7184957-$ or US-7069220-$ or US-7003463-$ or US-6959276-$).did.				
S173	38	S172 and (hazard$4 danger$4)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 09:24
S174	2	"20020022927".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 09:45
S176	379	("20030212550" | "20040098245" | "20070073544" | "5357596" | "5960447" | "6173266" | "6366882" | "6405170" | "6522746" | "6975993" | "7143037" | "7206418" | "7328155" | "8140335" | "20030212562" | "20090273563" | "7107218" | "7801731" | "7137126" | "7478036" | "20030110037" | "20030115062" | "20050143994" | "20070118357" | "20110112827" | "20120101809" |	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 11:01

		"5608635" | "5839107" | "5897613" | "6167377" | "6188982" | "6208964" | "6266636" | "6751612" | "6934756" | "7003463" | "7035415" | "7043425" | "7197069" | "8086463" | "8150694" | "6601026" | "7321850" | "7831426" | "7953732" | "8219599" | "20020022927" | "20030204492" | "6275231" | "6754485" | "6968311" | "7902969" | "20020015500" | "20030120493" | "5060367" | "5740256" | "5748974" | "5960397" | "5960399" | "6035267" | "6108631" | "6510417" | "6704708" | "7024364" | "7236923" | "7493259" | "7536297" | "7558730" | "7606708" | "7788084" | "7949529" | "7873519" | "8170867" | "6362748" | "20030016835" | "20050137877" | "20070033020" | "20120109753" | "5208748" | "6018708" | "6049607" | "6587858" | "6606598" | "6681206" | "7058890" | "7472060" | "7676369" | "8145489" | "20100312566" | "6393403" | "6578022" | "7299186" | "8155962" | "6591239" | "20040167771" | "20110131045" | "6278968" | "6397181" | "6633846" | "6757544" | "6983055" | "7054817" | "7072834" | "7107210" | "7110951" | "7207011" | "7305381" | "7366669" | "7415414" | "7516076" | "7873523" | "20080147410" | "6745161" | "7283951" | "7406421" | "20090216540" | "20110112921" | "20110231182" | "20110231188" | "20120022857" | "5027406" | "5577165" | "6549629" | "6954755" | "6959276" | "7184957" | "7277854" | "7472020" | "7574362" | "7676365" | "7729918" | "7983917" | "8073681" | "8112275" | "8140327" | "8155962" | "5895464" | "7542894" | "20040205671" | "7406421" | "20010049601" | "20020035501" | "20030144846" | "20030158731" | "20080065386" | "20110131036" | "5995928" | "6067513" | "6085186" | "6233561" | "6377913" | "6594367" | "6868380" | "6912498" | "7337116" | "7447635" | "7536374" | "7917367" | "7949537" | "8069046" | "7190770" | "6910003" | "20030206640" | "20080140385" | "20090271194" | "20120101810" | "6269336" | "6429813" | "6622119" | "6701294" | "6832230" | "7069220" | "7165028" | "7577244" | "7831433" | "8015006").PN.				
S177	113	(US-20020188392-$ or US-20020175647-$ or US-20020173889-$ or US-20020164973-$ or US-20020151297-$ or US-20020140545-$ or US-20020140215-$ or US-	US-PGPUB; USPAT	OR	ON	2012/07/23 11:03

		20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040205671-$ or US-20040199375-$ or US-20040168119-$ or US-20030204492-$).did. or (US-20090313026-$ or US-20090216540-$ or US-20060190269-$ or US-20050257174-$ or US-20040215464-$ or US-20040193426-$ or US-20020022927-$ or US-20030158731-$ or US-20030144846-$ or US-20030120493-$).did. or (US-6968311-$ or US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6970935-$ or US-6910003-$ or US-6885734-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-6901364-$ or US-6173251-$ or US-6839670-$ or US-7920682-$ or US-7769143-$ or US-7426467-$ or US-6411934-$ or US-5812977-$ or US-4797924-$ or US-6108532-$ or US-6405106-$ or US-7902969-$ or US-7802198-$ or US-7748021-$).did. or (US-7741959-$ or US-7739039-$ or US-7702455-$ or US-7656310-$ or US-7650234-$ or US-7593812-$ or US-7561065-$ or US-7535344-$ or US-7522992-$ or US-7499778-$ or US-7461561-$ or US-7475057-$ or US-7417531-$ or US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6405132-$ or US-6401036-$ or US-6370475-$ or US-7478036-$ or US-8170867-$ or US-8219599-$).did. or (US-8155962-$ or US-7953732-$ or US-7873519-$ or US-7831426-$ or US-7542894-$ or US-7321850-$ or US-7299186-$ or US-7283951-$ or US-7190770-$ or US-7107218-$ or US-6601026-$ or US-6578022-$ or US-5895464-$ or US-7676365-$ or US-7558730-$ or US-7447635-$ or US-7337116-$ or US-7328155-$ or US-7305381-$ or US-7207011-$ or US-7184957-$ or US-7069220-$ or US-7003463-$ or US-6959276-$).did.				
S178	453	S176 S177	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 11:03
S179	49	S178 and emergency	US-PGPUB;	OR	ON	2012/07/23 11:04

			USPAT; DERWENT			
S181	379	("20030212550" | "20040098245" | "20070073544" | "5357596" | "5960447" | "6173266" | "6366882" | "6405170" | "6522746" | "6975993" | "7143037" | "7206418" | "7328155" | "8140335" | "20030212562" | "20090273563" | "7107218" | "7801731" | "7137126" | "7478036" | "20030110037" | "20030115062" | "20050143994" | "20070118357" | "20110112827" | "20120101809" | "5608635" | "5839107" | "5897613" | "6167377" | "6188982" | "6208964" | "6266636" | "6751612" | "6934756" | "7003463" | "7035415" | "7043425" | "7197069" | "8086463" | "8150694" | "6601026" | "7321850" | "7831426" | "7953732" | "8219599" | "20020022927" | "20030204492" | "6275231" | "6754485" | "6968311" | "7902969" | "20020015500" | "20030120493" | "5060367" | "5740256" | "5748974" | "5960397" | "5960399" | "6035267" | "6108631" | "6510417" | "6704708" | "7024364" | "7236923" | "7493259" | "7536297" | "7558730" | "7606708" | "7788084" | "7949529" | "7873519" | "8170867" | "6362748" | "20030016835" | "20050137877" | "20070033020" | "20120109753" | "5208748" | "6018708" | "6049607" | "6587858" | "6606598" | "6681206" | "7058890" | "7472060" | "7676369" | "8145489" | "20100312566" | "6393403" | "6578022" | "7299186" | "8155962" | "6591239" | "20040167771" | "20110131045" | "6278968" | "6397181" | "6633846" | "6757544" | "6983055" | "7054817" | "7072834" | "7107210" | "7110951" | "7207011" | "7305381" | "7366669" | "7415414" | "7516076" | "7873523" | "20080147410" | "6745161" | "7283951" | "7406421" | "20090216540" | "20110112921" | "20110231182" | "20110231188" | "20120022857" | "5027406" | "5577165" | "6549629" | "6954755" | "6959276" | "7184957" | "7277854" | "7472020" | "7574362" | "7676365" | "7729918" | "7983917" | "8073681" | "8112275" | "8140327" | "8155962" | "5895464" | "7542894" | "20040205671" | "7406421" | "20010049601" | "20020035501" | "20030144846" | "20030158731" | "20080065386" | "20110131036" | "5995928" | "6067513" | "6085186" | "6233561" | "6377913" | "6594367" | "6868380" | "6912498" | "7337116" | "7447635" | "7536374" | "7917367"	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 12:50

		"7949537" | "8069046" | "7190770" | "6910003" | "20030206640" | "20080140385" | "20090271194" | "20120101810" | "6269336" | "6429813" | "6622119" | "6701294" | "6832230" | "7069220" | "7165028" | "7577244" | "7831433" | "8015006").PN.				
S182	113	(US-20020188392-$ or US-20020175647-$ or US-20020173889-$ or US-20020164973-$ or US-20020151297-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040205671-$ or US-20040199375-$ or US-20040168119-$ or US-20030204492-$).did. or (US-20090313026-$ or US-20090216540-$ or US-20060190269-$ or US-20050257174-$ or US-20040215464-$ or US-20040193426-$ or US-20020022927-$ or US-20030158731-$ or US-20030144846-$ or US-20030120493-$).did. or (US-6968311-$ or US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6970935-$ or US-6910003-$ or US-6885734-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-6901364-$ or US-6173251-$ or US-6839670-$ or US-7920682-$ or US-7769143-$ or US-7426467-$ or US-6411934-$ or US-5812977-$ or US-4797924-$ or US-6108532-$ or US-6405106-$ or US-7902969-$ or US-7802198-$ or US-7748021-$).did. or (US-7741959-$ or US-7739039-$ or US-7702455-$ or US-7656310-$ or US-7650234-$ or US-7593812-$ or US-7561065-$ or US-7535344-$ or US-7522992-$ or US-7499778-$ or US-7461561-$ or US-7475057-$ or US-7417531-$ or US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6405132-$ or US-6401036-$ or US-6370475-$ or US-7478036-$ or US-8170867-$ or US-8219599-$).did. or (US-8155962-$ or US-7953732-$ or US-7873519-$ or US-7831426-$ or US-7542894-$ or US-7321850-$ or US-7299186-$ or US-7283951-$ or US-7190770-$ or US-	US-PGPUB; USPAT	OR	ON	2012/07/23 12:50

		6601026-$ or US-6578022-$ or US-5895464-$ or US-7676365-$ or US-7558730-$ or US-7447635-$ or US-7337116-$ or US-7328155-$ or US-7305381-$ or US-7207011-$ or US-7184957-$ or US-7069220-$ or US-7003463-$ or US-6959276-$).did.				
S183	453	S181 S182	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 12:50
S184	17	S183 and (emergency and service and cost)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 12:50
S185	1	S183 and (emergency and service and cost and profile and authenti$5)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:14
S186	49	S183 and (emergency)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:15
S187	189	S183 and (service)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:15
S188	61	S183 and (cost and service)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:16
S189	54	S183 and ((user near profile))	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:16
S190	20	S183 and (authenti$5)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:16
S191	41	S186 and S187	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:16
S192	17	S186 and S187 and S188	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:17
S193	2	S186 and S187 and S188 and S189	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:17
S194	3	S186 and S187 and S188 and S190	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:17
S195	14	S192 not S194	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:24

S196	379	("20030212550" | "20040098245" | "20070073544" | "5357596" | "5960447" | "6173266" | "6366882" | "6405170" | "6522746" | "6975993" | "7143037" | "7206418" | "7328155" | "8140335" | "20030212562" | "20090273563" | "7107218" | "7801731" | "7137126" | "7478036" | "20030110037" | "20030115062" | "20050143994" | "20070118357" | "20110112827" | "20120101809" | "5608635" | "5839107" | "5897613" | "6167377" | "6188982" | "6208964" | "6266636" | "6751612" | "6934756" | "7003463" | "7035415" | "7043425" | "7197069" | "8086463" | "8150694" | "6601026" | "7321850" | "7831426" | "7953732" | "8219599" | "20020022927" | "20030204492" | "6275231" | "6754485" | "6968311" | "7902969" | "20020015500" | "20030120493" | "5060367" | "5740256" | "5748974" | "5960397" | "5960399" | "6035267" | "6108631" | "6510417" | "6704708" | "7024364" | "7236923" | "7493259" | "7536297" | "7558730" | "7606708" | "7788084" | "7949529" | "7873519" | "8170867" | "6362748" | "20030016835" | "20050137877" | "20070033020" | "20120109753" | "5208748" | "6018708" | "6049607" | "6587858" | "6606598" | "6681206" | "7058890" | "7472060" | "7676369" | "8145489" | "20100312566" | "6393403" | "6578022" | "7299186" | "8155962" | "6591239" | "20040167771" | "20110131045" | "6278968" | "6397181" | "6633846" | "6757544" | "6983055" | "7054817" | "7072834" | "7107210" | "7110951" | "7207011" | "7305381" | "7366669" | "7415414" | "7516076" | "7873523" | "20080147410" | "6745161" | "7283951" | "7406421" | "20090216540" | "20110112921" | "20110231182" | "20110231188" | "20120022857" | "5027406" | "5577165" | "6549629" | "6954755" | "6959276" | "7184957" | "7277854" | "7472020" | "7574362" | "7676365" | "7729918" | "7983917" | "8073681" | "8112275" | "8140327" | "8155962" | "5895464" | "7542894" | "20040205671" | "7406421" | "20010049601" | "20020035501" | "20030144846" | "20030158731" | "20080065386" | "20110131036" | "5995928" | "6067513" | "6085186" | "6233561" | "6377913" | "6594367" | "6868380" | "6912498" | "7337116" | "7447635" | "7536374" | "7917367" | "7949537" | "8069046" | "7190770" | "6910003" | "20030206640" |	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 14:54

		"20080140385" | "20090271194" | "20120101810" | "6269336" | "6429813" | "6622119" | "6701294" | "6832230" | "7069220" | "7165028" | "7577244" | "7831433" | "8015006").PN.				
S197	113	(US-20020188392-$ or US-20020175647-$ or US-20020173889-$ or US-20020164973-$ or US-20020151297-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040205671-$ or US-20040199375-$ or US-20040168119-$ or US-20030204492-$).did. or (US-20090313026-$ or US-20090216540-$ or US-20060190269-$ or US-20050257174-$ or US-20040215464-$ or US-20040193426-$ or US-20020022927-$ or US-20030158731-$ or US-20030144846-$ or US-20030120493-$).did. or (US-6968311-$ or US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6970935-$ or US-6910003-$ or US-6885734-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-6901364-$ or US-6173251-$ or US-6839670-$ or US-7920682-$ or US-7769143-$ or US-7426467-$ or US-6411934-$ or US-5812977-$ or US-4797924-$ or US-6108532-$ or US-6405106-$ or US-7902969-$ or US-7802198-$ or US-7748021-$).did. or (US-7741959-$ or US-7739039-$ or US-7702455-$ or US-7656310-$ or US-7650234-$ or US-7593812-$ or US-7561065-$ or US-7535344-$ or US-7522992-$ or US-7499778-$ or US-7461561-$ or US-7475057-$ or US-7417531-$ or US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6405132-$ or US-6401036-$ or US-6370475-$ or US-7478036-$ or US-8170867-$ or US-8219599-$).did. or (US-8155962-$ or US-7953732-$ or US-7873519-$ or US-7831426-$ or US-7542894-$ or US-7321850-$ or US-7299186-$ or US-7283951-$ or US-7190770-$ or US-7107218-$ or US-6601026-$ or US-6578022-$ or US-5895464-$ or US-7676365-$ or US-	US-PGPUB; USPAT	OR	ON	2012/07/23 14:54

		7558730-$ or US-7447635-$ or US-7337116-$ or US-7328155-$ or US-7305381-$ or US-7207011-$ or US-7184957-$ or US-7069220-$ or US-7003463-$ or US-6959276-$).did.				
S198	453	S196 S197	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 14:54
S199	19	S198 and (order$4 near3 part)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 14:54
S200	2560	(service near3 schedul$$) and (car vehicle telematics).ti,abst,bsum,clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 15:04
S201	31	(service near3 schedul$$) and (car vehicle telematics).ti,abst,bsum,clm. and "704".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 15:04
S202	31	(service near3 schedul$4) and (car vehicle telematics).ti,abst,bsum,clm. and "704".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 15:21
S203	64	((order$4 buy$4 purchas$4) near3 part) and (car vehicle telematics).ti,abst,bsum,clm. and "704".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 15:21
S204	45	((order$4 buy$4 purchas$4) adj3 part) and (car vehicle telematics).ti,abst,bsum,clm. and "704".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 15:23
S205	23	((order$4 buy$4 purchas$4) adj3 part) and (car vehicle telematics).ti,abst,bsum,clm. and "704".clas. not (in adj order)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 15:26
S206	45	((order$4 buy$4 purchas$4) adj3 part) and (car vehicle telematics).ti,abst,bsum,clm. and "704".clas. not (in adj order adj to)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 15:27
S207	45	((order$4 buy$4 purchas$4) adj3 part) and (car vehicle telematics).ti,abst,bsum,clm. and "704".clas. not ("in order to")	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 15:27
S208	45	((order$4 buy$4 purchas$4) adj3 part) and (car vehicle telematics).ti,abst,bsum,clm. and "704".clas. not("in order to")	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 15:27
S209	116	(command and query) near7 (context domain) and "704".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 16:49

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	8685	704/270,275,251-257.ccls.	US-	OR	ON	2012/07/24

			PGPUB; USPAT; UPAD			07:42
L6	9	l3 and ((vehicle car telematics) and (cost price)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 07:45
L7	24	l3 and ((vehicle car telematics) and ((driving near direction) (travel near service) (entertainment) (marketing) (lighting near control) (windshield near wiper))).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 08:12
L8	4	l3 and ((vehicle car telematics) and ((lighting near control) (windshield near wiper))).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 08:16
L9	20	l3 and ((vehicle car telematics) and ((driving near direction) (travel near service) (entertainment) (marketing))).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 08:21
L10	6	l3 and ((vehicle car telematics) near7 (lighting near control))	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 08:50
L11	209	l3 and ((vehicle car telematics) and (authenticat$4))	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 08:52
L12	81	l3 and ((vehicle car telematics) and (authenticat$4 near5 user))	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 08:53
L13	71	l3 and ((vehicle car telematics) and (authenticat$4 near3 voice))	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 09:02
L14	0	l3 and ((vehicle car telematics) and (communication and control and power and sensor and external and history)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 09:11
L15	0	l3 and ((communication and control and power and sensor and external and history)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 09:11
L16	10	l3 and ((vehicle car telematics) and ((user driver person$4) near profile)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 09:23
S164	5171	(telematic car vehicle) and (command control query) and "704".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/22 16:07
S165	103	(telematic car vehicle) and (command control query) and "704".clas. and (telematic near7 (command control))	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/22 16:08
S166	103	(telematic car vehicle) and (command control query) and "704".clas. and (telematics near7 (command control))	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/22 16:08

S168	7	"Term Removed" or "Term Removed"	US-PGPUB; USPAT	OR	ON	2012/07/22 19:18
S175	9	"Term Removed" or "Term Removed"	US-PGPUB; USPAT	OR	ON	2012/07/23 09:23
S180	9	"Term Removed" or "Term Removed"	US-PGPUB; USPAT	OR	ON	2012/07/23 11:03
S210	117	(command and query) near7 (context domain) and "704".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/23 16:49

7/ 24/ 2012 9:58:14 AM
C:\ Users\ fsirjani\ Documents\ EAST\ Workspaces\ 1s.wsp

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	8649	704/270,275,251-257.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 07:42
L4	0	"l3" and ((vehicle car telematics) and (part near3 order) and (cost price)).clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 07:43
L5	32	"l3" and ((vehicle car telematics) and (cost price)).clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 07:43
L17	41	Kennewick.in. near robert	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 10:08
L18	9	Kennewick.in. near michael	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 10:08
L19	21	Kennewick.in. near richard	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 10:08
L20	98	locke.in. near david	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 10:08
L21	26	freeman.in. near tom	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 10:08
L22	12	elston.in. near stephen	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 10:08
L23	143	17 18 19 20 21 22	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 10:08
L24	180	17 18 19 20 21 22 or voicebox.as.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 10:09
L25	180	17 18 19 20 21 22 voicebox.as.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 10:09

L26	17	l25 and (command and query and context).clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 10:09
S1	2758	704/270.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/05 13:25
S2	35	Kennewick.in. near robert	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/05 13:25
S3	5	Kennewick.in. near michael	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/05 13:25
S4	17	Kennewick.in. near richard	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/05 13:26
S5	91	locke.in. near david	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/05 13:26
S6	19	freeman.in. near tom	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/05 13:26
S7	12	elston.in. near stephen	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/05 13:26
S8	1	S2 and S3 and S4 and S5 and S6 and S7	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/05 13:26
S9	2	"7693720".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/05 13:27
S10	9	("7693720").URPN.	USPAT	OR	ON	2011/11/05 13:27
S11	9	("7693720").URPN.	USPAT	OR	ON	2011/11/05 13:27
S12	187	("20010041980" | "20020049805" | "20020065568" | "20020082911" | "20020120609" | "20020124050" | "20020143535" | "20020188602" | "20020198714" | "20030014261" | "20030112267" | "20030182132" | "20040025115" | "20040044516" | "20040166832" | "20040199375" | "20050021334" | "20050021826" | "20050033574" | "20050114116" | "20050246174" | "20070033005" | "20070038436" | "20070050191" | "20080091406" | "20080103761" | "20080115163" | "20080133215" | "20090117885" | "20090144271" | "4430669" | "5155743" | "5274560" |	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/05 13:27

		"5377350" | "5386556" | "5424947" | "5471318" | "5475733" | "5499289" | "5500920" | "5517560" | "5533108" | "5537436" | "5539744" | "5557667" | "5563937" | "5590039" | "5617407" | "5633922" | "5675629" | "5696965" | "5708422" | "5721938" | "5722084" | "5742763" | "5752052" | "5754784" | "5761631" | "5774859" | "5794050" | "5797112" | "5799276" | "5802510" | "5832221" | "5878385" | "5878386" | "5892813" | "5895466" | "5902347" | "5911120" | "5918222" | "5926784" | "5933822" | "5953393" | "5963894" | "5963940" | "5987404" | "5991721" | "5995119" | "6009382" | "6014559" | "6021384" | "6044347" | "6049602" | "6058187" | "6078886" | "6081774" | "6101241" | "6119087" | "6134235" | "6144667" | "6160883" | "6173279" | "6175858" | "6185535" | "6192110" | "6192338" | "6195634" | "6195651" | "6208972" | "6219346" | "6219643" | "6233556" | "6233559" | "6246981" | "6272455" | "6292767" | "6314402" | "6366886" | "6381535" | "6385646" | "6393428" | "6404878" | "6408272" | "6411810").PN. OR ("6415257" | "6418210" | "6420975" | "6430285" | "6434523" | "6434524" | "6442522" | "6446114" | "6453153" | "6453292" | "6456711" | "6466654" | "6466899" | "6498797" | "6499013" | "6501833" | "6501834" | "6513006" | "6523061" | "6532444" | "6539348" | "6553372" | "6556970" | "6556973" | "6560576" | "6567778" | "6567797" | "6570555" | "6570964" | "6574597" | "6574624" | "6594257" | "6598018" | "6604077" | "6611692" | "6614773" | "6615172" | "6629066" | "6631346" | "6643620" | "6650747" | "6691151" | "6721001" | "6721706" | "6735592" | "6741931" | "6742021" | "6757718" | "6795808" | "6833848" | "6865481" | "6877134" | "6901366" | "6937977" | "6944594" | "6973387" | "6980092" | "6990513" | "6996531" | "7020609" | "7027975" | "7062488" | "7092928" | "7127400" | "7137126" | "7146319" | "7289606" | "7376645" | "7398209" | "7424431" | "7461059" | "7493559").PN.				
S13	187	("20010041980" | "20020049805" | "20020065568" | "20020082911" | "20020120609" | "20020124050" | "20020143535" | "20020188602" | "20020198714" | "20030014261" | "20030112267" | "20030182132" | "20040025115" | "20040044516" | "20040166832" | "20040199375" | "20050021334" | "20050021826" | "20050033574" | "20050114116" | "20050246174" | "20070033005" | "20070038436" | "20070050191"	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/05 13:27

		"20080091406" | "20080103761" | "20080115163" | "20080133215" | "20090117885" | "20090144271" | "4430669" | "5155743" | "5274560" | "5377350" | "5386556" | "5424947" | "5471318" | "5475733" | "5499289" | "5500920" | "5517560" | "5533108" | "5537436" | "5539744" | "5557667" | "5563937" | "5590039" | "5617407" | "5633922" | "5675629" | "5696965" | "5708422" | "5721938" | "5722084" | "5742763" | "5752052" | "5754784" | "5761631" | "5774859" | "5794050" | "5797112" | "5799276" | "5802510" | "5832221" | "5878385" | "5878386" | "5892813" | "5895466" | "5902347" | "5911120" | "5918222" | "5926784" | "5933822" | "5953393" | "5963894" | "5963940" | "5987404" | "5991721" | "5995119" | "6009382" | "6014559" | "6021384" | "6044347" | "6049602" | "6058187" | "6078886" | "6081774" | "6101241" | "6119087" | "6134235" | "6144667" | "6160883" | "6173279" | "6175858" | "6185535" | "6192110" | "6192338" | "6195634" | "6195651" | "6208972" | "6219346" | "6219643" | "6233556" | "6233559" | "6246981" | "6272455" | "6292767" | "6314402" | "6366886" | "6381535" | "6385646" | "6393428" | "6404878" | "6408272" | "6411810").PN. OR ("6415257" | "6418210" | "6420975" | "6430285" | "6434523" | "6434524" | "6442522" | "6446114" | "6453153" | "6453292" | "6456711" | "6466654" | "6466899" | "6498797" | "6499013" | "6501833" | "6501834" | "6513006" | "6523061" | "6532444" | "6539348" | "6553372" | "6556970" | "6556973" | "6560576" | "6567778" | "6567797" | "6570555" | "6570964" | "6574597" | "6574624" | "6594257" | "6598018" | "6604077" | "6611692" | "6614773" | "6615172" | "6629066" | "6631346" | "6643620" | "6650747" | "6691151" | "6721001" | "6721706" | "6735592" | "6741931" | "6742021" | "6757718" | "6795808" | "6833848" | "6865481" | "6877134" | "6901366" | "6937977" | "6944594" | "6973387" | "6980092" | "6990513" | "6996531" | "7020609" | "7027975" | "7062488" | "7092928" | "7127400" | "7137126" | "7146319" | "7289606" | "7376645" | "7398209" | "7424431" | "7461059" | "7493559").PN.				
S14	196	S11 or S12	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/05 13:28
S15	3	"6615172".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 06:00

S16	117	"s196" and pars$4	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 06:02
S17	82	"s196" and pars$4 and (GPS telematics navigat$4)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 06:03
S18	2	"7693720".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 06:08
S19	1	S18 and pars$4 and (GPS telematics navigat$4)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 06:08
S20	23	"10/452147"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 06:25
S21	2	"20100145700".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 07:12
S22	2	"7693720".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 09:13
S23	2	"6937977".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 09:41
S24	4263	telematics.ti,abst,bsum,clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:49
S25	140	telematics.ti,abst,bsum,clm. and "704".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:49
S26	1732	telematics.ti,abst,bsum,clm. and (command query)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:50
S27	102	telematics.ti,abst,bsum,clm. and (command query) and "704".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:50
S28	28	telematics.ti,abst,bsum,clm. and (command query) and "704".clas. and safety	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:51
S29	71	telematics.ti,abst,bsum,clm. and (command query) and "704".clas. and (safety hazard$4 emergency panic)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:52
S30	72	telematics.ti,abst,bsum,clm. and (command query warn$4) and	US-PGPUB;	OR	ON	2011/11/07 10:53

		"704".clas. and (safety hazard$4 emergency panic)	USPAT; DERWENT			
S31	73	telematics.ti,abst,bsum,clm. and (command query warn$4) and "704".clas. and (safety hazard$4 emergency panic accident)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:53
S32	76	telematics.ti,abst,bsum,clm. and (command query warn$4 sensor) and "704".clas. and (safety hazard$4 emergency panic accident)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:54
S33	77	telematics.ti,abst,bsum,clm. and (command query warn$4 sensor) and "704".clas. and (safety hazard$4 emergency panic accident travel)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:54
S34	6	telematics.ti,abst,bsum,clm. and (command query warn$4 sensor) and "704".clas. and (safety hazard$4 emergency panic accident travel) and ((dialogue interactive convers$4) near5 (history record))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:55
S35	71	telematics.ti,abst,bsum,clm. and (command query warn$4 sensor) and "704".clas. and (safety hazard$4 emergency panic accident travel) not kennewick	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:56
S36	71	telematics.ti,abst,bsum,clm. and (command query warn$4 sensor) and "704".clas. and (safety hazard$4 emergency panic accident travel) not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:56
S37	134	telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 11:18
S38	63	telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not S36	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 11:19
S39	52	telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not S36 not rhoads.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 11:19
S40	105	telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not rhoads.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 12:15
S41	105	telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not rhoads.in. and ay>="2002"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 12:16
S42	105	telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not rhoads.in. and fy>="2002"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 12:17
S43	105	telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not rhoads.in. and fy<="2002"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 12:17
S44	105	fy<="2002" and	US-	OR	ON	2011/11/07

		telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not rhoads.in.	PGPUB; USPAT; DERWENT			12:17
S45	7	@py<="2002" and telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not rhoads.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 12:32
S46	275	@py<="2002" and telematics.ti,abst,bsum,clm. not kennewick.in. not rhoads.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 14:15
S47	2	09/918,360	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 08:37
S48	275	@py<="2002" and telematics.ti,abst,bsum,clm. not kennewick.in. not rhoads.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 09:20
S49	16	S48 and ((speech voice) near3 (recogni$4)) and mobile	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 09:20
S50	10	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and (telematic$4 onstar on-star) and @py<="2007"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 09:51
S51	846	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and @py<="2007"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 09:51
S52	39	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and (telematic$4 onstar on-star)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 09:51
S53	10	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and (telematic$4 onstar on-star) and @py<="2007"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 13:46
S54	39	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and (telematic$4 onstar on-star)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 13:46
S55	29	S54 not S53	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 13:46
S56	839	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and @py<="2007" not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 13:49
S57	541	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and @py<="2005" not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 13:49
S58	608	(car navig$5 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU	US-PGPUB;	OR	ON	2011/11/08 14:15

		(natural near3 language)) and (pars$4) and @py<="2005" not kennewick.in.	USPAT; DERWENT			
S59	596	(car navig$5 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and @py<="2005" not kennewick.in. not parry.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 14:22
S60	534	(car navigation navigator vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and @py<="2005" not kennewick.in. not parry.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 14:36
S61	118	(car navigation navigator vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and @py<="2005" not kennewick.in. not parry.in. and (mobile near3 device)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 14:42
S62	2	"7275049".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 14:59
S63	15	("7275049").URPN.	USPAT	OR	ON	2011/11/08 14:59
S64	15	("7275049").URPN.	USPAT	OR	ON	2011/11/08 14:59
S65	10	("20030204492" | "20040162724" | "20040193420" | "5003506" | "5799276" | "6173251" | "6327343" | "6510417" | "6901364" | "7103563").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/08 14:59
S66	10	("20030204492" | "20040162724" | "20040193420" | "5003506" | "5799276" | "6173251" | "6327343" | "6510417" | "6901364" | "7103563").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/08 14:59
S67	25	S64 or S65	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/08 14:59
S68	15	("7275049").URPN.	USPAT	OR	ON	2011/11/09 08:57
S69	10	("20030204492" | "20040162724" | "20040193420" | "5003506" | "5799276" | "6173251" | "6327343" | "6510417" | "6901364" | "7103563").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/09 08:57
S70	24	S68 or S69 not kennewick.in.	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/09 08:57
S71	3	"6901364".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/09 14:16
S72	3	"6910003".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/09 14:21

S73	41	(US-20020188392-$ or US-20020175647-$ or US-20020173889-$ or US-20020164973-$ or US-20020151297-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040205671-$ or US-20040199375-$ or US-20040168119-$ or US-20030204492-$).did. or (US-7219063-$ or US-6968311-$ or US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6970935-$ or US-6910003-$ or US-6885734-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-6901364-$ or US-6173251-$).did.	US-PGPUB; USPAT	OR	ON	2011/11/10 07:29
S74	17	S73 and ((multiple several many) near3 (user input entry dialog))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 07:30
S75	12	S73 and ((multiple several many) near3 (user input entry dialog)) and pars$4	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 07:58
S76	2	"6185535".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 09:50
S77	0	704/275.clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 10:27
S78	2577	704/275.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 10:28
S79	1168	704/275.ccls. and @py<="2005"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 10:28
S80	813	704/275.ccls. and @py<="2005"	USPAT	OR	ON	2011/11/10 10:28
S81	5	704/275.ccls. and @py<="2005" and (telematic telematics)	USPAT	OR	ON	2011/11/10 10:28
S82	10	704/275.ccls. and @py<="2005" and (telematic telematics)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 12:36
S83	2	704/275.ccls. and (telematic telematics) and (manual near3 override)	US-PGPUB; USPAT;	OR	ON	2011/11/10 12:37

			DERWENT			
S84	11	704/275.ccls. and (manual near3 override)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 12:37
S85	9	704/275.ccls. and (manual near3 override) not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 12:38
S86	818	704/275.ccls. and (interactive) not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 12:53
S87	316	704/275.ccls. and (interactive) and (car vehicle auto$4) not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 12:54
S88	163	704/275.ccls. and (interactive) and (car vehicle auto$4).ti,abst,bsum,clm. not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 13:48
S89	2	"6185535".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:22
S90	2	"6980092".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:24
S91	2	"20020151297".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:27
S92	2	"6466232".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:33
S93	2	"6108532".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:33
S94	2	"6718187".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:34
S95	2	"6546257".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:35
S96	2	"6405106".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:35
S97	2	"6389278".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:37
S98	2	"20010023397".pn.	US-	OR	ON	2011/11/11

			PGPUB; USPAT; DERWENT			07:16
S99	2	"20060122834".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 07:18
S100	2	"5797116".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 07:38
S101	5	"7302383".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 07:44
S102	5	("20010011217" | "20020165862" | "20030125955" | "6615172" | "6904428").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/11 07:45
S103	6	("7302383").URPN.	USPAT	OR	ON	2011/11/11 08:14
S104	614	calcar	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:14
S105	147	calcar and (car vehicle automobile)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:15
S106	130	calcar and (car vehicle automobile) not polymer	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:15
S107	130	calcar and (car vehicle automobile) not polymer not calcar.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:33
S108	119	calcar and (car vehicle automobile) not polymer and obradovich.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:33
S109	142	(car vehicle automobile) not polymer and obradovich.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:33
S110	178	obradovich.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:33
S111	135	obradovich.in. near michael	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:34
S112	39	obradovich.in. near michael and accident	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:34
S113	100	(obradovich.in. near michael) and	US-	OR	ON	2011/11/11

		(hazard$4 danger$4 accident$4)	PGPUB; USPAT; DERWENT			10:18
S114	49	(obradovich.in. near michael) and ((hazard$4 danger$4 accident$4) near3 condition)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 10:19
S115	1	(obradovich.in. near michael) and ((danger$4 accident$4) near3 condition)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 10:34
S116	10	"7,902,969".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 10:51
S117	10	"7902969".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 10:51
S118	10	"7902969".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 10:51
S119	39	obradovich.in. near michael and accident	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 15:43
S120	480134	obradovich.in. near michael and (panic emergency crime)]	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 18:25
S121	125	obradovich.in. near michael and (panic emergency crime)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 18:25
S122	44	obradovich.in. near michael and (panic crime)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 18:26
S123	29	obradovich.in. near michael and (panic crime) not (crime adj area)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 18:26
S124	27	obradovich.in. near michael and (panic crime) not (crime adj (rate area))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 18:27
S125	9	obradovich.in. near michael and ((interactive near5 guidance) (negotiat$4))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 07:03
S126	0	obradovich.in. near michael and ((interactive near5 guidance) (negotiat$4)) not (negotiat$4 adj3 corner)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 07:04
S127	0	obradovich.in. near michael and (interactive near5 guidance)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 07:04

S128	20	obradovich.in. near michael and onstar	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 07:04
S129	9	obradovich.in. near michael and ((call$4 communicat$4) with (other nearby) with (car vehicle automobile))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 09:10
S130	2290	((call$4 communicat$4) with (other nearby) with (car vehicle automobile))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 09:12
S131	872	((call$4 communicat$4) with (other nearby) with (car vehicle automobile)) and @py<="2005"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 09:12
S132	467	((call$4 communicat$4) with (other nearby) with (car vehicle automobile)) and @py<="2002"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 09:12
S133	75	((call$4 communicat$4) with (other nearby) with (car vehicle automobile)) and @py<="2002" and accident	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 10:12
S134	88	(US-20020188392-$ or US-20020175647-$ or US-20020173889-$ or US-20020164973-$ or US-20020151297-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040205671-$ or US-20040199375-$ or US-20040168119-$ or US-20030204492-$).did. or (US-20100312566-$ or US-20090313026-$ or US-20090216540-$ or US-20060190269-$ or US-20050257174-$ or US-20040215464-$ or US-20030083884-$ or US-20040193426-$ or US-20020022927-$).did. or (US-7219063-$ or US-6968311-$ or US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6970935-$ or US-6910003-$ or US-6885734-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-6901364-$ or US-6173251-$ or US-6839670-$ or US-7406421-$ or US-7920682-$ or US-7801731-$ or US-7769143-$ or US-7426467-$ or US-6411934-$ or US-5812977-$ or US-4797924-$ or US-6108532-$ or US-6405106-$).did. or (US-7902969-$ or US-7802198-$ or	US-PGPUB; USPAT	OR	ON	2011/11/12 11:54

		US-7748021-$ or US-7741959-$ or US-7739039-$ or US-7702455-$ or US-7656310-$ or US-7650234-$ or US-7593812-$ or US-7561065-$ or US-7535344-$ or US-7522992-$ or US-7499778-$ or US-7461561-$ or US-7475057-$ or US-7417531-$ or US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6405132-$ or US-6401036-$ or US-6370475-$).did.				
S135	2	S134 and wolfe	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 11:54
S136	2	"6877001".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 11:57
S137	7	(fuzzy prior aprior) near3 (probability possibility)with (history near6 dialog speech) with dictionary	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 06:18
S138	2	(fuzzy prior aprior) near3 (probability possibility)with (history near6 dialog speech) with dictionary not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 06:18
S139	26	(fuzzy prior aprior) near3 (probability possibility) with dictionary not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 06:19
S140	2	(fuzzy prior aprior) near3 (probability possibility) and glushnev.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 06:40
S141	22	(fuzzy prior aprior) near3 (probability possibility) and 704/10.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 06:41
S142	25506	((multiple several many) near4 (user speaker)) and ((voice speech) near5 (recogni$4))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 07:32
S143	4513	((multiple several many) near4 (user speaker dialog)) and ((voice speech) near5 (recogni$4)) and "704".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 07:32
S144	48	((multiple several many) near4 (user speaker dialog)) and ((voice speech) near5 (recogni$4)) and "704".clas. and ((overlap$4 simultaneous$4) near4 (dialog))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 07:33
S145	48	((multiple several many) near3 (user speaker dialog)) and ((voice speech) near3 (recogni$4)) and "704".clas. and ((overlap$4 simultaneous$4) near4 (dialog))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 07:39
S146	47	((multiple several many) near3 (user	US-	OR	ON	2011/11/14

		speaker dialog)) and ((voice speech) near3 (recogni$4)) and "704".clas. and ((overlap$4 simultaneous$4) near4 (dialog)) not kennewick.in.	PGPUB; USPAT; DERWENT			07:39
S147	51	((multiple several many) adj3 (user speaker dialog)) and "704".clas. and ((overlap$4 simultaneous$4) near4 (dialog)) not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 08:01
S148	3	"6910003".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/06 13:40
S149	2	"6910003".pn. and speech	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/06 13:58
S150	98	(US-8195468-$ or US-8155962-$ or US-8150694-$ or US-8145489-$ or US-8144838-$ or US-8140335-$ or US-8140327-$ or US-8131458-$ or US-8112275-$ or US-8082153-$ or US-8078471-$ or US-8078397-$ or US-8073681-$ or US-8073590-$ or US-8069046-$ or US-8060301-$ or US-8015006-$ or US-7983917-$ or US-7953599-$ or US-7949529-$ or US-7917527-$ or US-7917367-$ or US-7912702-$ or US-7873519-$ or US-7844460-$ or US-7831426-$).did. or (US-7818176-$ or US-7809570-$ or US-7805309-$ or US-7729904-$ or US-7725321-$ or US-7725320-$ or US-7725307-$ or US-7702508-$ or US-7698131-$ or US-7693720-$ or US-7672841-$ or US-7657424-$ or US-7647225-$ or US-7640160-$ or US-7634409-$ or US-7624007-$ or US-7620549-$ or US-7599838-$ or US-7590224-$ or US-7567907-$ or US-7555431-$ or US-7502738-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/10 10:27
S151	89	(US-20020188392-$ or US-20020175647-$ or US-20020173889-$ or US-20020164973-$ or US-20020151297-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040205671-$ or US-20040199375-$ or US-20040168119-$ or US-20030204492-$).did. or (US-20100312566-$ or US-20090313026-$ or US-20090216540-$ or US-20060190269-$ or US-20050257174-$ or US-20040215464-$ or US-	US-PGPUB; USPAT	OR	ON	2012/07/10 10:28

		20030083884-$ or US-20040193426-$ or US-20020022927-$).did. or (US-7219063-$ or US-6968311-$ or US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6970935-$ or US-6910003-$ or US-6885734-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-6901364-$ or US-6173251-$ or US-6839670-$ or US-7406421-$ or US-7920682-$ or US-7801731-$ or US-7769143-$ or US-7426467-$ or US-6411934-$ or US-5812977-$ or US-4797924-$ or US-6108532-$ or US-6405106-$).did. or (US-7902969-$ or US-7802198-$ or US-7748021-$ or US-7741959-$ or US-7739039-$ or US-7702455-$ or US-7656310-$ or US-7650234-$ or US-7593812-$ or US-7561065-$ or US-7535344-$ or US-7522992-$ or US-7499778-$ or US-7461561-$ or US-7475057-$ or US-7417531-$ or US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6405132-$ or US-6401036-$ or US-6370475-$).did. or (US-7478036-$).did.				
S152	0	S151 and S150	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/10 10:28
S153	289	("20010049601" | "20020015500" | "20020035501" | "20030016835" | "20030110037" | "20030115062" | "20030120493" | "20030144846" | "20030158731" | "20030206640" | "20030212550" | "20040098245" | "20040167771" | "20050137877" | "20050143994" | "20070033020" | "20070073544" | "20070118357" | "20080065386" | "20080140385" | "20090216540" | "20090271194" | "20110112827" | "20110112921" | "20110131036" | "20110131045" | "20110231182" | "20110231188" | "20120022857" | "20120101809" | "20120101810" | "20120109753" | "5027406" | "5060367" | "5208748" | "5357596" | "5577165" | "5608635" | "5740256" | "5748974" | "5839107" | "5897613" | "5960397" | "5960399" | "5960447" | "5995928" | "6018708" | "6035267" | "6049607" | "6067513" | "6085186" | "6108631" | "6167377" | "6173266" | "6188982" | "6208964" | "6233561" | "6266636" | "6269336" | "6278968" | "6366882" | "6377913" | "6397181" | "6405170" | "6429813" | "6510417" | "6522746" | "6549629" | "6587858" | "6594367" | "6606598" | "6622119" | "6633846" | "6681206" |	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/10 10:41

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S154	140	("20010049601" | "20020015500" | "20020035501" | "20030016835" | "20030110037" | "20030115062" | "20030120493" | "20030144846" | "20030158731" | "20030206640" | "20030212550" | "20040098245" | "20040167771" | "20050137877" | "20050143994" | "20070033020" | "20070073544" | "20070118357" | "20080065386" | "20080140385" | "20090216540" | "20090271194" | "20110112827" | "20110112921" | "20110131036" | "20110131045" | "20110231182" | "20110231188" | "20120022857" | "20120101809" | "20120101810" | "20120109753" | "5027406" | "5060367" | "5208748" | "5357596" | "5577165" | "5608635" | "5740256" | "5748974" | "5839107" | "5897613" | "5960397" | "5960399" | "5960447" | "5995928" | "6018708" | "6035267" | "6049607" | "6067513" | "6085186" | "6108631" | "6167377" | "6173266" | "6188982" | "6208964" | "6233561" | "6266636" | "6269336" | "6278968" | "6366882" | "6377913" | "6397181" | "6405170" | "6429813" | "6510417" | "6522746" | "6549629" | "6587858" | "6594367" | "6606598" | "6622119" | "6633846" | "6681206" | "6701294" | "6704708" | "6751612" | "6757544" | "6832230" | "6868380" | "6912498" | "6934756" | "6954755" | "6959276" | "6975993" | "6983055" | "7003463" | "7024364" | "7035415" | "7043425" | "7054817" | "7058890" | "7069220" | "7072834" | "7107210" | "7110951" | "7143037" | "7165028" | "7184957" | "7197069" | "7206418" | "7207011" | "7236923" | "7277854" | "7305381" | "7328155" | "7337116" |	US-PGPUB; USPAT	OR	ON	2012/07/10 10:42

		"7366669" | "7415414" | "7447635" | "7472020" | "7472060" | "7493259" | "7516076" | "7536297" | "7536374" | "7558730" | "7574362" | "7577244" | "7606708" | "7676365" | "7676369" | "7729918" | "7788084" | "7831433" | "7873523" | "7917367" | "7949529" | "7949537" | "7983917" | "8015006" | "8069046" | "8073681" | "8086463" | "8112275" | "8140327" | "8140335" | "8145489" | "8150694" | "8155962").PN.				
S155	0	S150 and S151 and S154	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/10 10:48
S156	264	S150 S151 S154	US-PGPUB; USPAT	OR	ON	2012/07/10 10:48
S157	140	("20010049601" | "20020015500" | "20020035501" | "20030016835" | "20030110037" | "20030115062" | "20030120493" | "20030144846" | "20030158731" | "20030206640" | "20030212550" | "20040098245" | "20040167771" | "20050137877" | "20050143994" | "20070033020" | "20070073544" | "20070118357" | "20080065386" | "20080140385" | "20090216540" | "20090271194" | "20110112827" | "20110112921" | "20110131036" | "20110131045" | "20110231182" | "20110231188" | "20120022857" | "20120101809" | "20120101810" | "20120109753" | "5027406" | "5060367" | "5208748" | "5357596" | "5577165" | "5608635" | "5740256" | "5748974" | "5839107" | "5897613" | "5960397" | "5960399" | "5960447" | "5995928" | "6018708" | "6035267" | "6049607" | "6067513" | "6085186" | "6108631" | "6167377" | "6173266" | "6188982" | "6208964" | "6233561" | "6266636" | "6269336" | "6278968" | "6366882" | "6377913" | "6397181" | "6405170" | "6429813" | "6510417" | "6522746" | "6549629" | "6587858" | "6594367" | "6606598" | "6622119" | "6633846" | "6681206" | "6701294" | "6704708" | "6751612" | "6757544" | "6832230" | "6868380" | "6912498" | "6934756" | "6954755" | "6959276" | "6975993" | "6983055" | "7003463" | "7024364" | "7035415" | "7043425" | "7054817" | "7058890" | "7069220" | "7072834" | "7107210" | "7110951" | "7143037" | "7165028" | "7184957" | "7197069" | "7206418" | "7207011" | "7236923" | "7277854" | "7305381" | "7328155" | "7337116" | "7366669" | "7415414" | "7447635" | "7472020" | "7472060" | "7493259" | "7516076" | "7536297" | "7536374" |	US-PGPUB; USPAT	OR	ON	2012/07/10 12:30

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S158	2	"6944593".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/21 13:16
S159	3	"6910003".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/22 10:27
S160	92	("6910003").URPN.	USPAT	OR	ON	2012/07/22 14:38
S161	10	("5434777" | "5742816" | "5748974" | "5895464" | "6038561" | "6446081" | "6510406" | "6578022" | "6601026" | "6745161").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2012/07/22 14:38
S162	102	S160 S161	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/22 14:38
S163	98	S160 S161 and domain	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/22 14:39
S167	16	(US-6745161-$ or US-8170867-$ or US-8219599-$ or US-8155962-$ or US-7953732-$ or US-7873519-$ or US-7831426-$ or US-7542894-$ or US-7321850-$ or US-7299186-$ or US-7283951-$ or US-7190770-$ or US-7107218-$ or US-6601026-$ or US-6578022-$ or US-5895464-$).did.	USPAT	OR	ON	2012/07/22 19:18
S169	289	("20010049601" | "20020015500" | "20020035501" | "20030016835" | "20030110037" | "20030115062" | "20030120493" | "20030144846" | "20030158731" | "20030206640" | "20030212550" | "20040098245" | "20040167771" | "20050137877" | "20050143994" | "20070033020" | "20070073544" | "20070118357" | "20080065386" | "20080140385" | "20090216540" | "20090271194" | "20110112827" | "20110112921" | "20110131036" | "20110131045" | "20110231182" | "20110231188" | "20120022857" | "20120101809" | "20120101810" | "20120109753" | "5027406" | "5060367" | "5208748" | "5357596" | "5577165" | "5608635" | "5740256" | "5748974" | "5839107" | "5897613" | "5960397" | "5960399" | "5960447" | "5995928" | "6018708" | "6035267" | "6049607" | "6067513" |	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 06:38

		"6085186" | "6108631" | "6167377" | "6173266" | "6188982" | "6208964" | "6233561" | "6266636" | "6269336" | "6278968" | "6366882" | "6377913" | "6397181" | "6405170" | "6429813" | "6510417" | "6522746" | "6549629" | "6587858" | "6594367" | "6606598" | "6622119" | "6633846" | "6681206" | "6701294" | "6704708" | "6751612" | "6757544" | "6832230" | "6868380" | "6912498" | "6934756" | "6954755" | "6959276" | "6975993" | "6983055" | "7003463" | "7024364" | "7035415" | "7043425" | "7054817" | "7058890" | "7069220" | "7072834" | "7107210" | "7110951" | "7143037" | "7165028" | "7184957" | "7197069" | "7206418" | "7207011" | "7236923" | "7277854" | "7305381" | "7328155" | "7337116" | "7366669" | "7415414" | "7447635" | "7472020" | "7472060" | "7493259" | "7516076" | "7536297" | "7536374" | "7558730" | "7574362" | "7577244" | "7606708" | "7676365" | "7676369" | "7729918" | "7788084" | "7831433" | "7873523" | "7917367" | "7949529" | "7949537" | "7983917" | "8015006" | "8069046" | "8073681" | "8086463" | "8112275" | "8140327" | "8140335" | "8145489" | "8150694" | "8155962").PN.				
S170	140	("20010049601" | "20020015500" | "20020035501" | "20030016835" | "20030110037" | "20030115062" | "20030120493" | "20030144846" | "20030158731" | "20030206640" | "20030212550" | "20040098245" | "20040167771" | "20050137877" | "20050143994" | "20070033020" | "20070073544" | "20070118357" | "20080065386" | "20080140385" | "20090216540" | "20090271194" | "20110112827" | "20110112921" | "20110131036" | "20110131045" | "20110231182" | "20110231188" | "20120022857" | "20120101809" | "20120101810" | "20120109753" | "5027406" | "5060367" | "5208748" | "5357596" | "5577165" | "5608635" | "5740256" | "5748974" | "5839107" | "5897613" | "5960397" | "5960399" | "5960447" | "5995928" | "6018708" | "6035267" | "6049607" | "6067513" | "6085186" | "6108631" | "6167377" | "6173266" | "6188982" | "6208964" | "6233561" | "6266636" | "6269336" | "6278968" | "6366882" | "6377913" | "6397181" | "6405170" | "6429813" | "6510417" | "6522746" | "6549629" | "6587858" | "6594367" | "6606598" | "6622119" | "6633846" | "6681206" | "6701294" | "6704708" | "6751612" | "6757544" | "6832230" | "6868380" | "6912498" | "6934756" | "6954755" |	US-PGPUB; USPAT	OR	ON	2012/07/23 06:38

		"6959276" | "6975993" | "6983055" | "7003463" | "7024364" | "7035415" | "7043425" | "7054817" | "7058890" | "7069220" | "7072834" | "7107210" | "7110951" | "7143037" | "7165028" | "7184957" | "7197069" | "7206418" | "7207011" | "7236923" | "7277854" | "7305381" | "7328155" | "7337116" | "7366669" | "7415414" | "7447635" | "7472020" | "7472060" | "7493259" | "7516076" | "7536297" | "7536374" | "7558730" | "7574362" | "7577244" | "7606708" | "7676365" | "7676369" | "7729918" | "7788084" | "7831433" | "7873523" | "7917367" | "7949529" | "7949537" | "7983917" | "8015006" | "8069046" | "8073681" | "8086463" | "8112275" | "8140327" | "8140335" | "8145489" | "8150694" | "8155962").PN.				
S171	118	S170 and (command control query)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 06:39
S172	113	(US-20020188392-$ or US-20020175647-$ or US-20020173889-$ or US-20020164973-$ or US-20020151297-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040205671-$ or US-20040199375-$ or US-20040168119-$ or US-20030204492-$).did. or (US-20090313026-$ or US-20090216540-$ or US-20060190269-$ or US-20050257174-$ or US-20040215464-$ or US-20040193426-$ or US-20020022927-$ or US-20030158731-$ or US-20030144846-$ or US-20030120493-$).did. or (US-6968311-$ or US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6970935-$ or US-6910003-$ or US-6885734-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-6901364-$ or US-6173251-$ or US-6839670-$ or US-7920682-$ or US-7769143-$ or US-7426467-$ or US-6411934-$ or US-5812977-$ or US-4797924-$ or US-6108532-$ or US-6405106-$ or US-7902969-$ or US-7802198-$ or US-7748021-$).did. or (US-7741959-$ or US-7739039-$ or US-7702455-$ or US-7656310-$ or US-7650234-$ or US-	US-PGPUB; USPAT	OR	ON	2012/07/23 09:23

		7593812-$ or US-7561065-$ or US-7535344-$ or US-7522992-$ or US-7499778-$ or US-7461561-$ or US-7475057-$ or US-7417531-$ or US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6405132-$ or US-6401036-$ or US-6370475-$ or US-7478036-$ or US-8170867-$ or US-8219599-$).did. or (US-8155962-$ or US-7953732-$ or US-7873519-$ or US-7831426-$ or US-7542894-$ or US-7321850-$ or US-7299186-$ or US-7283951-$ or US-7190770-$ or US-7107218-$ or US-6601026-$ or US-6578022-$ or US-5895464-$ or US-7676365-$ or US-7558730-$ or US-7447635-$ or US-7337116-$ or US-7328155-$ or US-7305381-$ or US-7207011-$ or US-7184957-$ or US-7069220-$ or US-7003463-$ or US-6959276-$).did.				
S173	38	S172 and (hazard$4 danger$4)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 09:24
S174	2	"20020022927".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 09:45
S176	379	("20030212550" | "20040098245" | "20070073544" | "5357596" | "5960447" | "6173266" | "6366882" | "6405170" | "6522746" | "6975993" | "7143037" | "7206418" | "7328155" | "8140335" | "20030212562" | "20090273563" | "7107218" | "7801731" | "7137126" | "7478036" | "20030110037" | "20030115062" | "20050143994" | "20070118357" | "20110112827" | "20120101809" | "5608635" | "5839107" | "5897613" | "6167377" | "6188982" | "6208964" | "6266636" | "6751612" | "6934756" | "7003463" | "7035415" | "7043425" | "7197069" | "8086463" | "8150694" | "6601026" | "7321850" | "7831426" | "7953732" | "8219599" | "20020022927" | "20030204492" | "6275231" | "6754485" | "6968311" | "7902969" | "20020015500" | "20030120493" | "5060367" | "5740256" | "5748974" | "5960397" | "5960399" | "6035267" | "6108631" | "6510417" | "6704708" | "7024364" | "7236923" | "7493259" | "7536297" | "7558730" | "7606708" | "7788084" | "7949529" | "7873519" | "8170867" | "6362748" | "20030016835" | "20050137877" | "20070033020" | "20120109753" | "5208748" | "6018708" | "6049607" | "6587858" |	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 11:01

		"6606598" | "6681206" | "7058890" | "7472060" | "7676369" | "8145489" | "20100312566" | "6393403" | "6578022" | "7299186" | "8155962" | "6591239" | "20040167771" | "20110131045" | "6278968" | "6397181" | "6633846" | "6757544" | "6983055" | "7054817" | "7072834" | "7107210" | "7110951" | "7207011" | "7305381" | "7366669" | "7415414" | "7516076" | "7873523" | "20080147410" | "6745161" | "7283951" | "7406421" | "20090216540" | "20110112921" | "20110231182" | "20110231188" | "20120022857" | "5027406" | "5577165" | "6549629" | "6954755" | "6959276" | "7184957" | "7277854" | "7472020" | "7574362" | "7676365" | "7729918" | "7983917" | "8073681" | "8112275" | "8140327" | "8155962" | "5895464" | "7542894" | "20040205671" | "7406421" | "20010049601" | "20020035501" | "20030144846" | "20030158731" | "20080065386" | "20110131036" | "5995928" | "6067513" | "6085186" | "6233561" | "6377913" | "6594367" | "6868380" | "6912498" | "7337116" | "7447635" | "7536374" | "7917367" | "7949537" | "8069046" | "7190770" | "6910003" | "20030206640" | "20080140385" | "20090271194" | "20120101810" | "6269336" | "6429813" | "6622119" | "6701294" | "6832230" | "7069220" | "7165028" | "7577244" | "7831433" | "8015006").PN.				
S177	113	(US-20020188392-$ or US-20020175647-$ or US-20020173889-$ or US-20020164973-$ or US-20020151297-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040205671-$ or US-20040199375-$ or US-20040168119-$ or US-20030204492-$).did. or (US-20090313026-$ or US-20090216540-$ or US-20060190269-$ or US-20050257174-$ or US-20040215464-$ or US-20040193426-$ or US-20020022927-$ or US-20030158731-$ or US-20030144846-$ or US-20030120493-$).did. or (US-6968311-$ or US-6501387-$ or US-RE39942-$ or	US-PGPUB; USPAT	OR	ON	2012/07/23 11:03

		US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6970935-$ or US-6910003-$ or US-6885734-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-6901364-$ or US-6173251-$ or US-6839670-$ or US-7920682-$ or US-7769143-$ or US-7426467-$ or US-6411934-$ or US-5812977-$ or US-4797924-$ or US-6108532-$ or US-6405106-$ or US-7902969-$ or US-7802198-$ or US-7748021-$).did. or (US-7741959-$ or US-7739039-$ or US-7702455-$ or US-7656310-$ or US-7650234-$ or US-7593812-$ or US-7561065-$ or US-7535344-$ or US-7522992-$ or US-7499778-$ or US-7461561-$ or US-7475057-$ or US-7417531-$ or US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6405132-$ or US-6401036-$ or US-6370475-$ or US-7478036-$ or US-8170867-$ or US-8219599-$).did. or (US-8155962-$ or US-7953732-$ or US-7873519-$ or US-7831426-$ or US-7542894-$ or US-7321850-$ or US-7299186-$ or US-7283951-$ or US-7190770-$ or US-7107218-$ or US-6601026-$ or US-6578022-$ or US-5895464-$ or US-7676365-$ or US-7558730-$ or US-7447635-$ or US-7337116-$ or US-7328155-$ or US-7305381-$ or US-7207011-$ or US-7184957-$ or US-7069220-$ or US-7003463-$ or US-6959276-$).did.				
S178	453	S176 S177	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 11:03
S179	49	S178 and emergency	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 11:04
S181	379	("20030212550" | "20040098245" | "20070073544" | "5357596" | "5960447" | "6173266" | "6366882" | "6405170" | "6522746" | "6975993" | "7143037" | "7206418" | "7328155" | "8140335" | "20030212562" | "20090273563" | "7107218" | "7801731" | "7137126" | "7478036" | "20030110037" | "20030115062" | "20050143994" | "20070118357" | "20110112827" | "20120101809" | "5608635" | "5839107" | "5897613" | "6167377" | "6188982" | "6208964" | "6266636" | "6751612" | "6934756" | "7003463" | "7035415" | "7043425" | "7197069" | "8086463" | "8150694" | "6601026" | "7321850" | "7831426" | "7953732" | "8219599" |	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 12:50

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S182	113	(US-20020188392-$ or US-20020175647-$ or US-20020173889-$ or US-20020164973-$ or US-20020151297-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$	US-PGPUB; USPAT	OR	ON	2012/07/23 12:50

		or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040205671-$ or US-20040199375-$ or US-20040168119-$ or US-20030204492-$).did. or (US-20090313026-$ or US-20090216540-$ or US-20060190269-$ or US-20050257174-$ or US-20040215464-$ or US-20040193426-$ or US-20020022927-$ or US-20030158731-$ or US-20030144846-$ or US-20030120493-$).did. or (US-6968311-$ or US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6970935-$ or US-6910003-$ or US-6885734-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-6901364-$ or US-6173251-$ or US-6839670-$ or US-7920682-$ or US-7769143-$ or US-7426467-$ or US-6411934-$ or US-5812977-$ or US-4797924-$ or US-6108532-$ or US-6405106-$ or US-7902969-$ or US-7802198-$ or US-7748021-$).did. or (US-7741959-$ or US-7739039-$ or US-7702455-$ or US-7656310-$ or US-7650234-$ or US-7593812-$ or US-7561065-$ or US-7535344-$ or US-7522992-$ or US-7499778-$ or US-7461561-$ or US-7475057-$ or US-7417531-$ or US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6405132-$ or US-6401036-$ or US-6370475-$ or US-7478036-$ or US-8170867-$ or US-8219599-$).did. or (US-8155962-$ or US-7953732-$ or US-7873519-$ or US-7831426-$ or US-7542894-$ or US-7321850-$ or US-7299186-$ or US-7283951-$ or US-7190770-$ or US-7107218-$ or US-6601026-$ or US-6578022-$ or US-5895464-$ or US-7676365-$ or US-7558730-$ or US-7447635-$ or US-7337116-$ or US-7328155-$ or US-7305381-$ or US-7207011-$ or US-7184957-$ or US-7069220-$ or US-7003463-$ or US-6959276-$).did.				
S183	453	S181 S182	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 12:50
S184	17	S183 and (emergency and service and cost)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 12:50
S185	1	S183 and (emergency and service and cost and profile and authenti$5)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:14

S186	49	S183 and (emergency)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:15
S187	189	S183 and (service)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:15
S188	61	S183 and (cost and service)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:16
S189	54	S183 and ((user near profile))	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:16
S190	20	S183 and (authenti$5)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:16
S191	41	S186 and S187	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:16
S192	17	S186 and S187 and S188	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:17
S193	2	S186 and S187 and S188 and S189	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:17
S194	3	S186 and S187 and S188 and S190	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:17
S195	14	S192 not S194	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:24
S196	379	("20030212550" | "20040098245" | "20070073544" | "5357596" | "5960447" | "6173266" | "6366882" | "6405170" | "6522746" | "6975993" | "7143037" | "7206418" | "7328155" | "8140335" | "20030212562" | "20090273563" | "7107218" | "7801731" | "7137126" | "7478036" | "20030110037" | "20030115062" | "20050143994" | "20070118357" | "20110112827" | "20120101809" | "5608635" | "5839107" | "5897613" | "6167377" | "6188982" | "6208964" | "6266636" | "6751612" | "6934756" | "7003463" | "7035415" | "7043425" | "7197069" | "8086463" | "8150694" | "6601026" | "7321850" | "7831426" | "7953732" | "8219599" | "20020022927" | "20030204492" | "6275231" | "6754485" | "6968311" |	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 14:54

		"7902969" | "20020015500" | "20030120493" | "5060367" | "5740256" | "5748974" | "5960397" | "5960399" | "6035267" | "6108631" | "6510417" | "6704708" | "7024364" | "7236923" | "7493259" | "7536297" | "7558730" | "7606708" | "7788084" | "7949529" | "7873519" | "8170867" | "6362748" | "20030016835" | "20050137877" | "20070033020" | "20120109753" | "5208748" | "6018708" | "6049607" | "6587858" | "6606598" | "6681206" | "7058890" | "7472060" | "7676369" | "8145489" | "20100312566" | "6393403" | "6578022" | "7299186" | "8155962" | "6591239" | "20040167771" | "20110131045" | "6278968" | "6397181" | "6633846" | "6757544" | "6983055" | "7054817" | "7072834" | "7107210" | "7110951" | "7207011" | "7305381" | "7366669" | "7415414" | "7516076" | "7873523" | "20080147410" | "6745161" | "7283951" | "7406421" | "20090216540" | "20110112921" | "20110231182" | "20110231188" | "20120022857" | "5027406" | "5577165" | "6549629" | "6954755" | "6959276" | "7184957" | "7277854" | "7472020" | "7574362" | "7676365" | "7729918" | "7983917" | "8073681" | "8112275" | "8140327" | "8155962" | "5895464" | "7542894" | "20040205671" | "7406421" | "20010049601" | "20020035501" | "20030144846" | "20030158731" | "20080065386" | "20110131036" | "5995928" | "6067513" | "6085186" | "6233561" | "6377913" | "6594367" | "6868380" | "6912498" | "7337116" | "7447635" | "7536374" | "7917367" | "7949537" | "8069046" | "7190770" | "6910003" | "20030206640" | "20080140385" | "20090271194" | "20120101810" | "6269336" | "6429813" | "6622119" | "6701294" | "6832230" | "7069220" | "7165028" | "7577244" | "7831433" | "8015006").PN.				
S197	113	(US-20020188392-$ or US-20020175647-$ or US-20020173889-$ or US-20020164973-$ or US-20020151297-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$	US-PGPUB; USPAT	OR	ON	2012/07/23 14:54

		or US-20040215449-$ or US-20040205671-$ or US-20040199375-$ or US-20040168119-$ or US-20030204492-$).did. or (US-20090313026-$ or US-20090216540-$ or US-20060190269-$ or US-20050257174-$ or US-20040215464-$ or US-20040193426-$ or US-20020022927-$ or US-20030158731-$ or US-20030144846-$ or US-20030120493-$).did. or (US-6968311-$ or US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6970935-$ or US-6910003-$ or US-6885734-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-6901364-$ or US-6173251-$ or US-6839670-$ or US-7920682-$ or US-7769143-$ or US-7426467-$ or US-6411934-$ or US-5812977-$ or US-4797924-$ or US-6108532-$ or US-6405106-$ or US-7902969-$ or US-7802198-$ or US-7748021-$).did. or (US-7741959-$ or US-7739039-$ or US-7702455-$ or US-7656310-$ or US-7650234-$ or US-7593812-$ or US-7561065-$ or US-7535344-$ or US-7522992-$ or US-7499778-$ or US-7461561-$ or US-7475057-$ or US-7417531-$ or US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6405132-$ or US-6401036-$ or US-6370475-$ or US-7478036-$ or US-8170867-$ or US-8219599-$).did. or (US-8155962-$ or US-7953732-$ or US-7873519-$ or US-7831426-$ or US-7542894-$ or US-7321850-$ or US-7299186-$ or US-7283951-$ or US-7190770-$ or US-7107218-$ or US-6601026-$ or US-6578022-$ or US-5895464-$ or US-7676365-$ or US-7558730-$ or US-7447635-$ or US-7337116-$ or US-7328155-$ or US-7305381-$ or US-7207011-$ or US-7184957-$ or US-7069220-$ or US-7003463-$ or US-6959276-$).did.				
S198	453	S196 S197	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 14:54
S199	19	S198 and (order$4 near3 part)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 14:54
S200	2560	(service near3 schedul$$) and (car vehicle telematics).ti,abst,bsum,clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 15:04
S201	31	(service near3 schedul$$) and (car vehicle telematics).ti,abst,bsum,clm.	US-PGPUB;	OR	ON	2012/07/23 15:04

		and "704".clas.	USPAT; DERWENT			
S202	31	(service near3 schedul$4) and (car vehicle telematics).ti,abst,bsum,clm. and "704".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 15:21
S203	64	((order$4 buy$4 purchas$4) near3 part) and (car vehicle telematics).ti,abst,bsum,clm. and "704".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 15:21
S204	45	((order$4 buy$4 purchas$4) adj3 part) and (car vehicle telematics).ti,abst,bsum,clm. and "704".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 15:23
S205	23	((order$4 buy$4 purchas$4) adj3 part) and (car vehicle telematics).ti,abst,bsum,clm. and "704".clas. not (in adj order)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 15:26
S206	45	((order$4 buy$4 purchas$4) adj3 part) and (car vehicle telematics).ti,abst,bsum,clm. and "704".clas. not (in adj order adj to)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 15:27
S207	45	((order$4 buy$4 purchas$4) adj3 part) and (car vehicle telematics).ti,abst,bsum,clm. and "704".clas. not ("in order to")	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 15:27
S208	45	((order$4 buy$4 purchas$4) adj3 part) and (car vehicle telematics).ti,abst,bsum,clm. and "704".clas. not("in order to")	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 15:27
S209	116	(command and query) near7 (context domain) and "704".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 16:49

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	8685	704/270,275,251-257.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 07:42
L6	9	l3 and ((vehicle car telematics) and (cost price)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 07:45
L7	24	l3 and ((vehicle car telematics) and ((driving near direction) (travel near service) (entertainment) (marketing) (lighting near control) (windshield near wiper))).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 08:12
L8	4	l3 and ((vehicle car telematics) and ((lighting near control) (windshield near wiper))).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 08:16
L9	20	l3 and ((vehicle car telematics) and ((driving near direction) (travel near service) (entertainment) (marketing))).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 08:21

L10	6	l3 and ((vehicle car telematics) near7 (lighting near control))	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 08:50
L11	209	l3 and ((vehicle car telematics) and (authenticat$4))	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 08:52
L12	81	l3 and ((vehicle car telematics) and (authenticat$4 near5 user))	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 08:53
L13	71	l3 and ((vehicle car telematics) and (authenticat$4 near3 voice))	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 09:02
L14	0	l3 and ((vehicle car telematics) and (communication and control and power and sensor and external and history)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 09:11
L15	0	l3 and ((communication and control and power and sensor and external and history)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 09:11
L16	10	l3 and ((vehicle car telematics) and ((user driver person$4) near profile)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 09:23
S164	5171	(telematic car vehicle) and (command control query) and "704".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/22 16:07
S165	103	(telematic car vehicle) and (command control query) and "704".clas. and (telematic near7 (command control))	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/22 16:08
S166	103	(telematic car vehicle) and (command control query) and "704".clas. and (telematics near7 (command control))	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/22 16:08
S168	7	"Term Removed" or "Term Removed"	US-PGPUB; USPAT	OR	ON	2012/07/22 19:18
S175	9	"Term Removed" or "Term Removed"	US-PGPUB; USPAT	OR	ON	2012/07/23 09:23
S180	9	"Term Removed" or "Term Removed"	US-PGPUB; USPAT	OR	ON	2012/07/23 11:03
S210	117	(command and query) near7 (context domain) and "704".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/23 16:49

7/24/2012 10:12:35 AM
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Request for Continued Examination (RCE) Transmittal

Address to:
Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Application Number	12/705,311
Filing Date	February 12, 2010
First Named Inventor	ROBERT A. KENNEWICK
Art Unit	2626
Examiner Name	Fariba Sirjani
Attorney Docket Number	090611-0384800

This is a Request for Continued Examination (RCE) under 37 CFR 1 .114 of the above-identified application.
Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. See Instruction Sheet for RCEs (not to be submitted to the USPTO) on page 2.

1. Submission required under 37 CFR 1.114 Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

   a. ☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

      i. ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____

      ii. ☐ Other _____

   b. ☒ Enclosed

      i. ☒ Amendment/Reply

      ii. ☐ Affidavit(s)/ Declaration(s)

      iii. ☒ Information Disclosure Statement (IDS)

      iv. ☒ Other Terminal Disclaimer and Petition for Extension of Time

2. Miscellaneous

   Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a

   a. ☐ period of _____ months. (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

   b. ☐ Other _____

3. Fees The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.
   The Director is hereby authorized to charge the following fees any underpayment of fees or credit any overpayments to

   a. ☒ Deposit Account No. 033975 .

      i. ☒ RCE fee required under 37 CFR 1.17(e)

      ii ☒ Extension of time fee (37 CFR 1.136 and 1.17)

      iii ☒ Other Terminal Disclaimer Fee

   b. ☐ Check in the amount of $ _____ enclosed

   c. ☐ Payment by credit card (Form PTO-2038 enclosed)

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Signature	Ngai Zhang	Date	December 3, 2012
Name (Print/Type)	Ngai B. Zhang	Registration No.	65,473

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop RCE, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.

Signature			
Name (Print/Type)		Date	

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**
If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE PATENT APPLICATION OF:	Robert A. KENNEWICK *et al.*
SERIAL NO.:	12/705,311
FILING DATE:	February 12, 2012
ATTORNEY DOCKET NO.:	090611-0384800
CONFIRMATION NO.:	8125
EXAMINER:	Fariba SIRJANI
ART UNIT:	2626
FOR:	MOBILE SYSTEMS AND METHODS FOR RESPONDING TO NATURAL LANGUAGE SPEECH UTTERANCE

RESPONSE TO FINAL OFFICE ACTION mailed 03 August 2012

MAIL STOP RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA. 22313-1450

Dear Madam:

In response to the Final Office Action mailed **August 3, 2012**, please amend the above-identified application as follows:

Amendments to the Claims begin on page **2** of this paper.

Remarks begin on page **20** of this paper.

It is not believed that extensions of time or fees for net addition of claims are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned for under 37 C.F.R. § 1.136(a), and any fees required therefore (including fees for net addition of claims) are hereby authorized to be charged to Deposit Account No. 033975 (**Ref. No. 090611-0384800**).

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This listing of claims will replace all prior versions and listings of claims in the Application.

LISTING OF CLAIMS:

1-55. (**Canceled**)

56. (**Currently Amended**) A mobile system for processing natural language utterances, comprising:

one or more processors configured to:

receive a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle,

execute a speech recognition engine that recognizes one or more words or phrases in the natural language utterance,

execute a parser that identifies a telematics domain from the recognized one or more words or phrases of the natural language utterance and formulates a request based on the telematics domain, and ~~and~~

communicate the request to a telematics control unit that is configured to process the request based on the telematics domain, receive diagnostic information that identifies one or more problems with the vehicle from one or more sensors connected to the vehicle, communicate the one or more problems via an output device connected to the vehicle, and communicate with one or more systems that relate to resolving the one or more problems with the vehicle and that relate to ordering one or more parts for the vehicle, wherein the one or more processors are part of the telematics control unit or are separate from the telematics control unit.

57. (**Previously Presented**) The mobile system of claim 56, wherein the one or more processors are configured to execute an event manager providing a multi-threaded environment for processing a plurality of requests in a plurality of different domains across a plurality of overlapping or interleaved dialogs, wherein the event manager coordinates

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interaction between the parser and the telematics control unit to enable the telematics control unit to process the request during the overlapping or interleaved dialogs.

58. (**Currently Amended**) The mobile system of ~~claim 86~~ claim 56, wherein the telematics control unit is configured to determine whether processing the request will create a hazardous condition for the vehicle.

59. (**Previously Presented**) The mobile system of claim 58, wherein the telematics control unit is further configured to:

provide interactive guidance to resolve the hazardous condition via an output device connected to the vehicle, wherein the telematics control unit provides the interactive guidance to resolve the hazardous condition in response to determining that processing the request will create the hazardous condition; and

process the request in response to the computer device receiving an input that manually overrides the hazardous condition determination.

60. (**Canceled**)

61. (**Currently Amended**) The mobile system of ~~claim 60~~ claim 56, wherein the one or more systems are related to scheduling service for the vehicle, summoning help to the vehicle over one or more communication links, or providing remedial instructions that address the one or more problems~~, ordering one or more parts for the vehicle, or providing an estimated cost for the scheduling the service for the vehicle~~.

62. (**Currently Amended**) The mobile system of ~~claim 86~~ claim 56, wherein the telematics control unit is configured to:

detect an accident situation from information received from one or more sensors connected to the vehicle;

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provide one or more interactive announcements or warnings via an output device connected to the vehicle in response to detecting the accident situation, receive an input that is in response to the one or more interactive announcements or warnings, the input indicating a nature of the accident situation or a condition of a person in the vehicle; and

communicate the nature of the accident situation or the condition of the person in the vehicle to emergency personnel over a communications link.

63. (**Previously Presented**) The mobile system of claim 62, wherein the telematics control unit is configured to establish a voice channel over a communications link to enable communication between the person in the vehicle and the emergency personnel.

64. (**Previously Presented**) The mobile system of claim 56, wherein to process the request in the telematics control unit, the telematics control unit communicates over a communication link an indication that the one or more recognized words or phrases include at least one predetermined panic word, panic phrase, emergency word, or emergency phrase.

65. (**Currently Amended**) The mobile system of ~~claim 86~~ claim 56, wherein to process the request in the telematics control unit, the telematics control unit provides interactive guidance for performing one or more maneuvers to operate the vehicle via an output device connected to the vehicle.

66. (**Currently Amended**) The mobile system of ~~claim 86~~ claim 56, wherein to process the request in the telematics control unit, the telematics control unit:

provides interactive routing information to coordinate a rendezvous with one or more other vehicles in communication with the vehicle; and

establishes a voice channel over a communications link to enable communication between a person in the vehicle and one or more people in the other vehicles.

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67. (**Currently Amended**) The mobile system of ~~claim 86~~ claim 56, wherein the telematics control unit is further configured to:

detect that the vehicle is approaching or has exceeded a travel limit for the vehicle;

provide interactive guidance for returning to the travel limit via an output device connected to the vehicle in response to detecting that the vehicle is approaching or has exceeded the travel limit; and

determine whether to extend the travel limit.

68. (**Currently Amended**) The mobile system of ~~claim 86~~ claim 56, wherein to process the request in the telematics control unit, the telematics control unit provides interactive guidance relating to one or more tasks for a person in the vehicle based on a location of the vehicle.

69. (**Previously Presented**) The mobile system of claim 56, wherein the speech recognition engine recognizes the words or phrases in the natural language utterance using a plurality of dictionary and phrase entries that are dynamically updated based on at least a history of a current dialog and one or more prior dialogs.

70. (**Previously Presented**) The mobile system of claim 69, wherein the plurality of dictionary and phrase entries are further dynamically updated based on one or more dynamic fuzzy set possibilities or prior probabilities derived from the history of the current dialog and the prior dialogs.

71. (**New**) A method for processing natural language utterances, comprising:

receiving a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle;

recognizing, at a speech recognition engine, one or more words or phrases in the natural language utterance;

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identifying, at a parser, a telematics domain from the recognized one or more words or phrases of the natural language utterance;

formulating, at the parser, a request based on the telematics domain; ~~and~~

communicating the request to a telematics control unit that is configured to process the request based on the telematics domain;

receiving diagnostic information that identifies one or more problems with the vehicle from one or more sensors connected to the vehicle;

communicating the one or more problems via an output device connected to the vehicle; and

communicating with one or more systems that relate to resolving the one or more problems with the vehicle and that relate to ordering one or more parts for the vehicle.

72. (**Previously Presented**) The method of claim 71, further comprising providing an event manager having a multi-threaded environment for processing a plurality of requests in a plurality of different domains across a plurality of overlapping or interleaved dialogs, wherein the event manager coordinates interaction between the parser and the telematics control unit to enable the telematics control unit to process the request during the overlapping or interleaved dialogs.

73. (**Currently Amended**) The method of ~~claim 99~~ claim 71, wherein the telematics control unit is configured to determine whether processing the request will create a hazardous condition for the vehicle.

74. (**Currently Amended**) The method of ~~claim 99~~ claim 71, further comprising:

providing interactive guidance to resolve the hazardous condition via an output device connected to the vehicle, wherein the telematics control unit provides the interactive guidance to resolve the hazardous condition in response to determining that processing the request in the telematics domain will create the hazardous condition; and

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processing the request in response to receiving an input that manually overrides the hazardous condition determination.

75. (**Canceled**)

76. (**Currently Amended**) The method of ~~claim 75~~ claim 71, wherein the one or more systems are related to scheduling service for the vehicle, summoning help to the vehicle over one or more communication links, or providing remedial instructions that address the one or more problems~~, ordering one or more parts for the vehicle, or providing an estimated cost for the scheduling the service for the vehicle~~.

77. (**Currently Amended**) The method of ~~claim 99~~ claim 71, further comprising:

detecting an accident situation from information received from one or more sensors connected to the vehicle;

providing one or more interactive announcements or warnings via an output device connected to the vehicle in response to detecting the accident situation and receiving an input that is in response to the one or more interactive announcements or warnings, the input indicating a nature of the accident situation or a condition of a person in the vehicle; and

communicating the nature of the accident situation or the condition of the person in the vehicle to emergency personnel over a communications link.

78. (**Previously Presented**) The method of claim 77, further comprising establishing a voice channel over a communications link to enable communication between the person in the vehicle and the emergency personnel.

79. (**Previously Presented**) The method of claim 71, further comprising communicating over a communications link an indication that the one or more recognized words or phrases

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include at least one predetermined panic word, panic phrase, emergency word, or emergency phrase indicating that a crime is occurring.

80. (**Currently Amended**) The method of ~~claim 99~~ claim 71, wherein processing the request in the telematics control unit with the telematics control unit includes providing interactive guidance for performing one or more maneuvers to operate the vehicle via an output device connected to the vehicle.

81. (**Currently Amended**) The method of ~~claim 99~~ claim 71, wherein processing the request in the telematics control unit with the telematics control unit includes:

providing interactive routing information to coordinate a rendezvous with one or more other vehicles in communication with the vehicle; and

establishing a voice channel over a communications link to enable communication between a person in the vehicle and one or more people in the other vehicles.

82. (**Currently Amended**) The method of ~~claim 99~~ claim 71, further comprising:

detecting that the vehicle is approaching or has exceeded a travel limit for the vehicle;

providing interactive guidance for returning to the travel limit via an output device connected to the vehicle in response to detecting that the vehicle is approaching or has exceeded the travel limit; and

determining whether to extend the travel limit.

83. (**Currently Amended**) The method of ~~claim 99~~ claim 71, wherein processing the request in the telematics control unit with the telematics control unit includes providing interactive guidance relating to one or more tasks for a person in the vehicle based on a location of the vehicle.

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84. (**Previously Presented**) The method of claim 71, wherein the speech recognition engine recognizes the words or phrases in the natural language utterance using a plurality of dictionary and phrase entries that are dynamically updated based on at least a history of a current dialog and one or more prior dialogs.

85. (**Previously Presented**) The method of claim 84, wherein the plurality of dictionary and phrase entries are further dynamically updated based on one or more dynamic fuzzy set possibilities or prior probabilities derived from the history of the current dialog and the prior dialogs.

86. (**Canceled**)

87. (**Canceled**)

88. (**Currently Amended**) The mobile system of ~~claim 86~~ claim 56, wherein the parser is configured to identify the telematics domain further from a context of the natural language utterance.

89. (**Previously Presented**) The mobile system of claim 88, wherein the parser is configured to determine the context based on a user profile associated with the natural language utterance or based on a previously received natural language utterance.

90. (**Previously Presented**) The mobile system of claim 89, wherein the user profile includes information related to a user's vehicle type, vehicle location, special vehicle equipment, commonly visited destination, address, place of business, interest, or formatting or presentation preference.

91. (**Previously Presented**) The mobile system of claim 88, wherein the one or more processors are configured to determine, based on the context, whether the received natural

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language utterance is part of a query request or part of a command request, and wherein the telematics control unit is configured to retrieve information responsive to the query request or cause an action consistent with the command request.

92. (**Currently Amended**) The mobile system of ~~claim 86~~ claim 56, wherein the parser is configured to identify, from among a plurality of domain agents, a domain agent that is associated with the telematics domain and is configured to formulate the request based on the identified domain agent, and wherein the telematics control unit is configured to process the request by executing the identified domain agent.

93. (**Currently Amended**) The mobile system of ~~claim 86~~ claim 56, wherein the one or more processors are configured to receive a second natural language utterance from the speech unit, and wherein the parser is configured to identify a non-telematics domain from one or more words or phrases of the second natural language utterance.

94. (**Currently Amended**) The mobile system of ~~claim 86~~ claim 56, wherein the one or more processors are further configured to receive a non-voice input from the computer device in the vehicle, wherein the parser is configured to formulate the request further based on the non-voice input.

95. (**Currently Amended**) The mobile system of ~~claim 86~~ claim 56, wherein the telematics control unit is operable to interface with a vehicle-related system, the vehicle-related system comprising a vehicle entertainment device, a communication device in the vehicle, a vehicle control system, a vehicle power management system, a vehicle sensor, a control device external to and in wireless communication with the vehicle, or a vehicle history storage device.

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96. (**Previously Presented**) The mobile system of claim 62, wherein the telematics control unit is configured to communicate medical information associated with the person in the vehicle over the communications link or via an output device in the vehicle.

97. (**Currently Amended**) The mobile system of ~~claim 86~~ claim 56, wherein the system is configured to authenticate a user based on the received natural language utterance and grant vehicle access to the user in response to the authentication.

98. (**Currently Amended**) The mobile system of ~~claim 86~~ claim 56, wherein the system is configured to receive an indication of fatigue of a user of the vehicle and to initiate a dialog to determine the user's fatigue level.

99. (**Canceled**)

100. (**New**) A mobile system for processing natural language utterances, comprising:

one or more processors configured to:

receive a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle,

execute a speech recognition engine that recognizes one or more words or phrases in the natural language utterance,

execute a parser that identifies a telematics domain from the recognized one or more words or phrases of the natural language utterance and formulates a request based on the telematics domain, and

communicate the request to a telematics control unit that is configured to process the request based on the telematics domain, receive diagnostic information that identifies one or more problems with the vehicle from one or more sensors connected to the vehicle, communicate the one or more problems via an output device connected to the vehicle, and communicate with one or more systems that relate to resolving the one or more problems with the vehicle and that relate to providing an estimated cost for the

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scheduling the service for the vehicle, wherein the one or more processors are part of the telematics control unit or are separate from the telematics control unit.

101. (**New**) The mobile system of claim 100, wherein the one or more systems are related to scheduling service for the vehicle, summoning help to the vehicle over one or more communication links, or providing remedial instructions that address the one or more problems.

102. (**New**) A method for processing natural language utterances, comprising:

receiving a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle;

recognizing, at a speech recognition engine, one or more words or phrases in the natural language utterance;

identifying, at a parser, a telematics domain from the recognized one or more words or phrases of the natural language utterance;

formulating, at the parser, a request based on the telematics domain;

communicating the request to a telematics control unit that is configured to process the request based on the telematics domain;

receiving diagnostic information that identifies one or more problems with the vehicle from one or more sensors connected to the vehicle;

communicating the one or more problems via an output device connected to the vehicle; and

communicating with one or more systems that relate to resolving the one or more problems with the vehicle and that relate to providing an estimated cost for the scheduling the service for the vehicle.

103. (**New**) The method of claim 102, wherein the one or more systems are related to scheduling service for the vehicle, summoning help to the vehicle over one or more

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communication links, or providing remedial instructions that address the one or more problems.

104. (**New**) A mobile system for processing natural language utterances, comprising:

one or more processors configured to:

receive a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle,

execute a speech recognition engine that recognizes one or more words or phrases in the natural language utterance,

execute a parser that identifies a telematics domain from the recognized one or more words or phrases of the natural language utterance and formulates a request based on the telematics domain, wherein the telematics domain is a query and response domain that includes a driving directions domain, and

communicate the request to a telematics control unit that is configured to process the request based on the telematics domain, wherein the one or more processors are part of the telematics control unit or are separate from the telematics control unit.

105. (**New**) A mobile system for processing natural language utterances, comprising:

one or more processors configured to:

receive a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle,

execute a speech recognition engine that recognizes one or more words or phrases in the natural language utterance,

execute a parser that identifies a telematics domain from the recognized one or more words or phrases of the natural language utterance and formulates a request based on the telematics domain, wherein the telematics domain is a query and response domain that includes a travel services domain, and

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communicate the request to a telematics control unit that is configured to process the request based on the telematics domain, wherein the one or more processors are part of the telematics control unit or are separate from the telematics control unit.

106. (**New**) A mobile system for processing natural language utterances, comprising:

one or more processors configured to:

receive a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle,

execute a speech recognition engine that recognizes one or more words or phrases in the natural language utterance,

execute a parser that identifies a telematics domain from the recognized one or more words or phrases of the natural language utterance and formulates a request based on the telematics domain, wherein the telematics domain is a query and response domain that includes an entertainment scheduling domain, and

communicate the request to a telematics control unit that is configured to process the request based on the telematics domain, wherein the one or more processors are part of the telematics control unit or are separate from the telematics control unit.

107. (**New**) A mobile system for processing natural language utterances, comprising:

one or more processors configured to:

receive a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle,

execute a speech recognition engine that recognizes one or more words or phrases in the natural language utterance,

execute a parser that identifies a telematics domain from the recognized one or more words or phrases of the natural language utterance and formulates a request based on the telematics domain, wherein the telematics domain is a query and response domain that includes a location-based marketing domain, and

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communicate the request to a telematics control unit that is configured to process the request based on the telematics domain, wherein the one or more processors are part of the telematics control unit or are separate from the telematics control unit.

108. (**New**) A mobile system for processing natural language utterances, comprising:

one or more processors configured to:

receive a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle,

execute a speech recognition engine that recognizes one or more words or phrases in the natural language utterance,

execute a parser that identifies a telematics domain from the recognized one or more words or phrases of the natural language utterance and formulates a request based on the telematics domain, wherein the telematics domain is a control domain that includes a vehicle lighting control domain, and

communicate the request to a telematics control unit that is configured to process the request based on the telematics domain, wherein the one or more processors are part of the telematics control unit or are separate from the telematics control unit.

109. (**New**) A mobile system for processing natural language utterances, comprising:

one or more processors configured to:

receive a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle,

execute a speech recognition engine that recognizes one or more words or phrases in the natural language utterance,

execute a parser that identifies a telematics domain from the recognized one or more words or phrases of the natural language utterance and formulates a request based on the telematics domain, wherein the telematics domain is a control domain that includes a windshield wiper control domain, and

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communicate the request to a telematics control unit that is configured to process the request based on the telematics domain, wherein the one or more processors are part of the telematics control unit or are separate from the telematics control unit.

110. (**New**) A mobile system for processing natural language utterances, comprising:

one or more processors configured to:

receive a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle,

execute a speech recognition engine that recognizes one or more words or phrases in the natural language utterance,

execute a parser that identifies a telematics domain from the recognized one or more words or phrases of the natural language utterance and formulates a request based on the telematics domain, wherein the telematics domain is a control domain that includes a vehicle entertainment domain, and

communicate the request to a telematics control unit that is configured to process the request based on the telematics domain, wherein the one or more processors are part of the telematics control unit or are separate from the telematics control unit.

111. (**New**) A method for processing natural language utterances, comprising:

receiving a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle;

recognizing, at a speech recognition engine, one or more words or phrases in the natural language utterance;

identifying, at a parser, a telematics domain from the recognized one or more words or phrases of the natural language utterance, wherein the telematics domain is a query and response domain that includes a driving directions domain;

formulating, at the parser, a request based on the telematics domain; and

communicating the request to a telematics control unit that is configured to process the request based on the telematics domain.

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112. (**New**) A method for processing natural language utterances, comprising:

receiving a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle;

recognizing, at a speech recognition engine, one or more words or phrases in the natural language utterance;

identifying, at a parser, a telematics domain from the recognized one or more words or phrases of the natural language utterance, wherein the telematics domain is a query and response domain that includes a travel services domain;

formulating, at the parser, a request based on the telematics domain; and

communicating the request to a telematics control unit that is configured to process the request based on the telematics domain.

113. (**New**) A method for processing natural language utterances, comprising:

receiving a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle;

recognizing, at a speech recognition engine, one or more words or phrases in the natural language utterance;

identifying, at a parser, a telematics domain from the recognized one or more words or phrases of the natural language utterance, wherein the telematics domain is a query and response domain that includes an entertainment scheduling domain;

formulating, at the parser, a request based on the telematics domain; and

communicating the request to a telematics control unit that is configured to process the request based on the telematics domain.

114. (**New**) A method for processing natural language utterances, comprising:

receiving a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle;

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recognizing, at a speech recognition engine, one or more words or phrases in the natural language utterance;

identifying, at a parser, a telematics domain from the recognized one or more words or phrases of the natural language utterance, wherein the telematics domain is a query and response domain that includes a location-based marketing domain;

formulating, at the parser, a request based on the telematics domain; and

communicating the request to a telematics control unit that is configured to process the request based on the telematics domain.

115. (**New**) A method for processing natural language utterances, comprising:

receiving a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle;

recognizing, at a speech recognition engine, one or more words or phrases in the natural language utterance;

identifying, at a parser, a telematics domain from the recognized one or more words or phrases of the natural language utterance, wherein the telematics domain is a control domain that includes a vehicle lighting control domain;

formulating, at the parser, a request based on the telematics domain; and

communicating the request to a telematics control unit that is configured to process the request based on the telematics domain.

116. (**New**) A method for processing natural language utterances, comprising:

receiving a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle;

recognizing, at a speech recognition engine, one or more words or phrases in the natural language utterance;

identifying, at a parser, a telematics domain from the recognized one or more words or phrases of the natural language utterance, wherein the telematics domain is a control domain that includes a windshield wiper control domain;

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formulating, at the parser, a request based on the telematics domain; and

communicating the request to a telematics control unit that is configured to process the request based on the telematics domain.

117. (**New**) A method for processing natural language utterances, comprising:

receiving a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle;

recognizing, at a speech recognition engine, one or more words or phrases in the natural language utterance;

identifying, at a parser, a telematics domain from the recognized one or more words or phrases of the natural language utterance, wherein the telematics domain is a control domain that includes a vehicle entertainment domain;

formulating, at the parser, a request based on the telematics domain; and

communicating the request to a telematics control unit that is configured to process the request based on the telematics domain.

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REMARKS

In response to the Final Office Action mailed **August 3, 2012**, claims 56, 58, 61, 62, 65-68, 73, 74, 76, 77, 80-83, 86, 88, 92-95, 97, and 98 have been amended, claims 60, 75, 86, 87, and 99 have been canceled without prejudice or disclaimer, and claims 100-117 have been newly added. Therefore, claims 56-59, 61-74, 76-85, 88-98, and 100-117 are pending. Support for the instant amendments is provided throughout the as-filed Specification. Thus, no new matter has been added. In view of the foregoing amendments and following comments, allowance of all the claims pending in the application is requested.

EXAMINER INTERVIEW

Applicants thank the Examiner for the courtesies extended to Applicants' representative (Ngai Zhang) during the telephonic interview conducted on December 3, 2012. During the interview, the subject matter of the application was explained in light of the references relied upon by the Examiner. Without acquiescing in the propriety of the alleged rejections, it is noted that the Examiner indicated that amending independent claims 56 and 71 to incorporate certain features from either claims 61, 76, or 87 (and from claims that claims 61, 76, or 87 depend upon) would place the application in condition for allowance, subject to a properly executed Terminal Disclaimer and a further search.

NON-STATUTORY DOUBLE PATENTING REJECTION

Claims 61 and 76 stand rejected under the judicially created doctrine of obviousness-type double patenting as allegedly being unpatentable over claim 48 of U.S. Patent No. 7,693,720 to Kennewick *et al.* (hereinafter "Kennewick") in view of U.S. Patent No. 6,910,003 to Arnold (hereinafter "Arnold"), U.S. Patent No. 6,944,583 to Kuzunuki (hereinafter "Kuzunuki"), U.S. Patent No. 7,902,969 to Obradovich I (hereinafter "Obradovich I"), U.S. Patent Application Publication No. 2003/065427 to Funk (hereinafter "Funk"), and U.S. Patent Application Publication No. 2002/0188392 to Breed (hereinafter "Breed").

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Claim 87 stands rejected under the judicially created doctrine of obviousness-type double patenting as allegedly being unpatentable over claim 5 of U.S. Patent No. 7,693,720 to Kennewick *et al.* (hereinafter "Kennewick") in view of Arnold and Kuzunuki.

Applicants disagree with the propriety of the rejection set forth by the Examiner. However, *solely* in an effort to expedite prosecution, Applicants have attached a properly executed Terminal Disclaimer.

Applicants further note that the filing of a Terminal Disclaimer to obviate a rejection based on non-statutory double patenting does not constitute an admission of the propriety of the rejection. *See Quad Environmental Technologies Corp. v. Union Sanitary District*, 946 F.2d 870 (Fed. Cir. 1991) (indicating that "filing of a terminal disclaimer simply serves the statutory function of removing the rejection of double patenting, and raises neither a presumption nor estoppel on the merits of the rejection.").

REJECTIONS UNDER 35 U.S.C. § 103

Claims 56-60, 62-86, and 88-99 stand rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over the various combinations of Arnold in view of Kuzunuki, U.S. Patent Application Publication No. 2004/0205671 by Sukehiro (hereinafter "Sukehiro"), U.S. Patent No. 6,968,311 to Knockeart (hereinafter "Knockeart"), U.S. Patent Application Publication No. 2002/0022927 to Lemelson (hereinafter "Lemelson"), Obradovich I, Breed, U.S. Patent No. 7,406,421 to Odinak (hereinafter "Odinak"), U.S. Patent No. 6,275,231 to Obradovich II (hereinafter "Obradovich II"), U.S. Patent No. 6,362,748 to Huang (hereinafter "Huang"), U.S. Patent No. 6,877,001 to Wolfe (hereinafter "Wolfe"), U.S. Patent No. 7,478,036 to Shen (hereinafter "Shen"), U.S. Patent No. 6,236,968 to Kanevsky (hereinafter "Kanevsky"), and U.S. Patent No. 5,913,196 to Talmor (hereinafter "Talmor").

Without acquiescing in the propriety of the alleged rejections and *solely* to expedite prosecution, Applicants have amended independent claims 56 and 71 to incorporate certain features from claims 61 and 76, respectively (and the various claims that claim 61 and 76 depend upon), that the Examiner has indicated may place the independent claims in condition for allowance if incorporated. As indicated during the interview, independent

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claims 56 and 71 are allowable. In addition, independent claims 100, 102, 104-117 are also allowable *at least* because they recite particular features of claims 56 and 71, of claims 61, 76, and 87, and of the various claims that claims 61, 76, and 87 are dependent upon, that the Examiner indicated are allowable. The dependent claims are allowable *at least* by virtue of their dependence on one of the independent claims. Accordingly, withdrawal of the various 35 U.S.C. § 103 rejections and a Notice of Allowance are respectfully requested.

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CONCLUSION

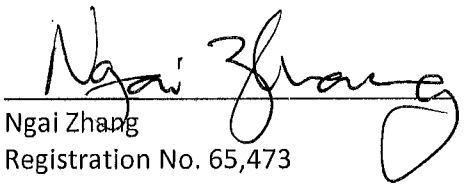
Having addressed each of the foregoing rejections, it is respectfully submitted that a full and complete response has been made to the outstanding Office Action and, as such, the application is in condition for allowance. Notice to that effect is respectfully requested.

If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at the number provided.

Respectfully submitted,

Date: **December 3, 2012**

PILLSBURY WINTHROP SHAW PITTMAN LLP

By: 

Ngai Zhang
Registration No. 65,473

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Fax: 703.770.7901

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Page 001084

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS :	Robert A. KENNEWICK *et al.*	CONFIRMATION NO.:	8125
SERIAL NUMBER :	12/705,311	EXAMINER:	Fariba Sirjani
FILING DATE :	February 12, 2010	ART UNIT:	2659
FOR :	MOBILE SYSTEMS AND METHODS FOR RESPONDING TO NATURAL LANGUAGE SPEECH UTTERANCE		

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicants hereby make of record in the above-identified application the documents listed on the attached Form PTO-1449.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

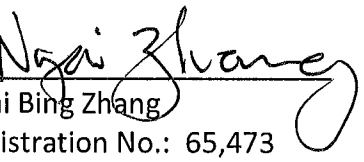
This Supplemental Information Disclosure Statement is being filed within three months of the filing date of a national application other than a continued prosecution application under 37 C.F.R. § 1.53(d), or within three months of the date of entry of the national stage as set forth

in 37 C.F.R. § 1.491 in an international application, or before the mailing date of a first Office Action on the merits, or before the mailing date of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No certification or fee is required. 37 C.F.R. § 1.97(b).

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449.

Respectfully submitted,

PILLSBURY WINTHROP SHAW PITTMAN LLP

By 
Ngai Bing Zhang
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Customer No.
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Dated: December 3, 2012

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Page 001086

INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Docket Number	Application Number
	090611-0384800	12/705,311
	Applicant(s)	
	Robert A. KENNEWICK *et al.*	
	Filing Date	Group Art Unit
Form PTO-1449	February 12, 2010	2659

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1A	5,848,396	12/08/1998	Gerace	705	10	
	1B	5,892,900	04/06/1999	Ginter *et al.*	395	186	
	1C	6,076,059	06/13/2000	Glickman *et al.*	704	260	
	1D	6,199,043	03/06/2001	Happ	704	272	
	1E	6,246,990	06/12/2001	Happ	704	275	
	1F	6,434,529	08/13/2002	Walker *et al.*	704	275	
	1G	6,456,974	09/24/2002	Baker *et al.*	704	270.1	
	1H	6,560,590	05/06/2003	Shwe *et al.*	706	55	
	1I	6,571,279	05/27/2003	Herz *et al.*	709	217	
	1J	6,631,351	10/07/2003	Ramachandran *et al.*	704	270	
	1K	6,704,396	03/09/2004	Parolkar *et al.*	379	88.17	
	1L	6,850,603	02/01/2005	Eberle *et al.*	379	88.16	
	1M	7,027,586	04/11/2006	Bushey *et al.*	379	265.09	
	1N	7,130,390	10/31/2006	Abburi	379	88.17	
	1O	7,143,039	11/28/2006	Stifelman *et al.*	704	270	
	1P	7,272,212	09/18/2007	Eberle *et al.*	379	88.17	
	1Q	7,283,829	10/16/2007	Christenson *et al.*	455	461	
	1R	7,366,285	04/29/2008	Parolkar *et al.*	379	88.17	
	1S	7,454,608	11/18/2008	Gopalakrishnan *et al.*	713	100	
	1T	7,529,675	05/05/2009	Maes	704	270.1	
	1U	7,546,382	06/09/2009	Healey *et al.*	709	246	
	1V	7,640,006	12/29/2009	Portman *et al.*	455	412.1	
	1W	7,640,272	12/29/2009	Mahajan *et al.*	707	104.1	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations YES	Translations NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Docket Number	Application Number
	090611-0384800	12/705,311
	Applicant(s)	
	Robert A. KENNEWICK *et al.*	
	Filing Date	Group Art Unit
Form PTO-1449	February 12, 2010	2659

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2A	7,684,977	03/23/2010	Morikawa	704	211	
	2B	7,729,916	06/01/2010	Coffman *et al.*	704	270	
	2C	7,729,920	06/01/2010	Chaar *et al.*	704	275	
	2D	7,881,936	02/01/2011	Longe *et al.*	704	257	
	2E	7,894,849	02/22/2011	Kass *et al.*	455	550.1	
	2F	7,974,875	07/05/2011	Quilici *et al.*	705	14.4	
	2G	7,984,287	07/19/2011	Gopalakrishnan *et al.*	713	100	
	2H	8,005,683	08/23/2011	Tessel *et al.*	704	275	
	2I	8,077,975	12/13/2011	Ma *et al.*	382	187	
	2J	8,082,153	12/20/2011	Coffman *et al.*	704	270	
	2K	8,195,468	06/05/2012	Weider *et al.*	704	275	
	2L	8,224,652	07/17/2012	Wang *et al.*	704	275	
	2M	2001/0054087	12/20/2001	Flom *et al.*	709	218	
	2N	2002/0029261	03/07/2002	Shibata	709	219	
	2O	2002/0032752	03/14/2002	Gold *et al.*	709	218	
	2P	2002/0133402	09/19/2002	Faber *et al.*	705	14	
	2Q	2002/0161646	10/31/2002	Gailey *et al.*	705	14	
	2R	2002/0173961	11/21/2002	Guerra	704	258	
	2S	2002/0184373	12/05/2002	Maes	709	228	
	2T	2003/0161448	08/28/2003	Parolkar *et al.*	379	88.17	
	2U	2003/0212558	11/13/2003	Matula	704	260	
	2V	2003/0225825	12/04/2003	Healey *et al.*	709	203	
	2W	2004/0117804	06/17/2004	Scahill *et al.*	719	320	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations YES	Translations NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Docket Number	Application Number
	090611-0384800	12/705,311
	Applicant(s)	
	Robert A. KENNEWICK *et al.*	
	Filing Date	Group Art Unit
Form PTO-1449	February 12, 2010	2659

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3A	2004/0140989	07/22/2004	Papageorge	345	700	
	3B	2004/0158555	08/12/2004	Seedman *et al.*	707	3	
	3C	2005/0125232	06/09/2005	Gadd	704	270.1	
	3D	2005/0216254	09/29/2005	Gupta *et al.*	704	9	
	3E	2005/0234727	10/20/2005	Chiu	704	270.1	
	3F	2005/0283752	12/22/2005	Fruchter *et al.*	717	100	
	3G	2006/0041431	02/23/2006	Maes	704	270.1	
	3H	2006/0047509	03/02/2006	Ding *et al.*	704	231	
	3I	2006/0217133	09/28/2006	Christenson *et al.*	455	461	
	3J	2006/0285662	12/21/2006	Yin *et al.*	379	88.16	
	3K	2007/0043868	02/22/2007	Kumar *et al.*	709	226	
	3L	2007/0078708	04/05/2007	Yu *et al.*	705	14	
	3M	2007/0078709	04/05/2007	Rajaram	705	14	
	3N	2007/0135101	06/14/2007	Ramati *et al.*	455	414.1	
	3O	2007/0146833	06/28/2007	Satomi *et al.*	358	537	
	3P	2007/0162296	07/12/2007	Altberg *et al.*	705	1	
	3Q	2008/0034032	02/07/2008	Healey *et al.*	709	203	
	3R	2008/0109285	05/08/2008	Reuther *et al.*	705	7	
	3S	2009/0067599	03/12/2009	Agarwal *et al.*	379	114.21	
	3T	2010/0036967	02/11/2010	Caine *et al.*	709	236	
	3U	2010/0185512	07/22/2010	Borger *et al.*	705	14.49	
	3V	2012/0150636	06/14/2012	Freeman *et al.*	705	14.49	
	3W	2012/0278073	11/01/2012	Weider et al.	704	235	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations YES	Translations NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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Page 001089

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TERMINAL DISCLAIMER TO OBVIATE A DOUBLE PATENTING REJECTION OVER A "PRIOR" PATENT	Docket Number (Optional) 090611-0384800

In re Application of: ROBERT A. KENNEWICK

Application No.: 12/705,311

Filed: February 12, 2010

For: MOBILE SYSTEMS AND METHODS FOR RESPONDING TO NATURAL LANGUAGE SPEECH UTTERANCE

The owner*, VoiceBox Technologies, Inc., of 100 percent interest in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term of **prior patent** No. 7,693,720 as the term of said **prior patent** is presently shortened by any terminal disclaimer. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the **prior patent** are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of the term of any patent granted on the instant application that would extend to the expiration date of the full statutory term of the **prior patent**, "as the term of said **prior patent** is presently shortened by any terminal disclaimer," in the event that said **prior patent** later:

expires for failure to pay a maintenance fee;
is held unenforceable;
is found invalid by a court of competent jurisdiction;
is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321;
has all claims canceled by a reexamination certificate;
is reissued; or
is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.

Check either box 1 or 2 below, if appropriate.

1. ☐ For submissions on behalf of a business/organization (e.g., corporation, partnership, university, government agency, etc.), the undersigned is empowered to act on behalf of the business/organization.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

2. ☒ The undersigned is an attorney or agent of record. Reg. No. 65,473



Signature — December 3, 2012 Date

Ngai B. Zhang
Typed or printed name

(703) 770-7532
Telephone Number

☒ Terminal disclaimer fee under 37 CFR 1.20(d) included.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

*Statement under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee (owner).
Form PTO/SB/96 may be used for making this certification. See MPEP § 324.

This collection of information is required by 37 CFR 1.321. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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www.FormsWorkFlow.com

PTO/SB/22 (10-12)
Approved for use through 1/31/2013. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARMENT OF COMMERCE
Under the paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless if displays a valid OMB control number.

PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)

Docket Number (Optional): 090611-0384800

Application Number	Filed
12/705,311	February 12, 2010

For: MOBILE SYSTEMS AND METHODS FOR RESPONDING TO NATURAL LANGUAGE SPEECH UTTERANCE

Art Unit	Examiner
2626	Fariba Sirjani

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above identified application.

The requested extension and fee are as follows (check time period desired and enter the appropriate fee below):

		Fee	Small Entity Fee	
☒	One month (37 CFR 1.17(a)(1))	$150	$75	$ 75.00
☐	Two months (37 CFR 1.17(a)(2))	$570	$285	$
☐	Three months (37 CFR 1.17(a)(3))	$1,290	$645	$
☐	Four months (37 CFR 1.17(a)(4))	$2,010	$1,005	$
☐	Five months (37 CFR 1.17(a)(5))	$2,730	$1,365	$

☒ Applicant claims small entity status. See 37 CFR 1.27.

☐ A check in the amount of the fee is enclosed.

☐ Payment by credit card. Form PTO-2038 is attached.

☐ The Director has already been authorized to charge fees in this application to a Deposit Account.

☒ The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number 033975.

☒ Payment made via EFS-Web.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

I am the

☐ applicant/inventor.

☐ assignee of record of the entire interest. See 37 CFR 3.71. 37 CFR 3.73(b) statement is enclosed (Form PTO/SB/96).

☒ attorney or agent of record. Registration Number 65,473.

☐ attorney or agent acting under 37 CFR 1.34. Registration number _____.

Ngai Zhang — Signature

December 3, 2012 — Date

Ngai B. Zhang — Typed or printed name

(703) 770-7532 — Telephone Number

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.136(a). The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Electronic Patent Application Fee Transmittal

Application Number:	12705311
Filing Date:	12-Feb-2010
Title of Invention:	MOBILE SYSTEMS AND METHODS FOR RESPONDING TO NATURAL LANGUAGE SPEECH UTTERANCE
First Named Inventor/Applicant Name:	Robert A. Kennewick
Filer:	Ngai Bing Zhang/Miriam Nelsen Awan
Attorney Docket Number:	090611-0384800

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Claims in excess of 20	2202	13	31	403
Independent claims in excess of 3	2201	16	125	2000
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Extension-of-Time:				
Extension - 1 month with $0 paid	2251	1	75	75
Miscellaneous:				
Request for continued examination	2801	1	465	465
Statutory or terminal disclaimer	2814	1	80	80
		Total in USD ($)		**3023**

Electronic Acknowledgement Receipt

EFS ID:	14370752
Application Number:	12705311
International Application Number:	
Confirmation Number:	8125
Title of Invention:	MOBILE SYSTEMS AND METHODS FOR RESPONDING TO NATURAL LANGUAGE SPEECH UTTERANCE
First Named Inventor/Applicant Name:	Robert A. Kennewick
Customer Number:	909
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		090611-0384800_RCE_Response_IDS_TD_EOT.pdf	1321998 892120ef2db18562931dfa3cb8f89b5c35067af8	yes	31

Multipart Description/PDF files in .zip description

Document Description	Start	End
Request for Continued Examination (RCE)	1	1
Amendment Submitted/Entered with Filing of CPA/RCE	2	2
Claims	3	20
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Warnings:

Information:

2	Fee Worksheet (SB06)	fee-info.pdf	37121 929e83faa622e52cf365e806f938896dc1a3598b	no	2

Warnings:

Information:

Total Files Size (in bytes):	1359119

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If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

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PTO/SB/06 (07-06)
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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 12/705,311	Filing Date 02/12/2010	☒ To be Mailed

APPLICATION AS FILED – PART I

	(Column 1)	(Column 2)	SMALL ENTITY ☒		OR	OTHER THAN SMALL ENTITY	
FOR	NUMBER FILED	NUMBER EXTRA	RATE ($)	FEE ($)		RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A			N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =		OR	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X $ =			X $ =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $250 ($125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).						
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))							
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL			TOTAL	

APPLICATION AS AMENDED – PART II

AMENDMENT	12/03/2012	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE ($)	ADDITIONAL FEE ($)	OR	OTHER THAN SMALL ENTITY RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 57	Minus	** 44	= 13	X $31 =	403	OR	X $ =	
	Independent (37 CFR 1.16(h))	* 18	Minus	***3	= 15	X $125 =	1875	OR	X $ =	
	☐ Application Size Fee (37 CFR 1.16(s))									
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE	2278	OR	TOTAL ADD'L FEE	

AMENDMENT		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	*	Minus	**	=	X $ =		OR	X $ =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X $ =		OR	X $ =	
	☐ Application Size Fee (37 CFR 1.16(s))									
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Legal Instrument Examiner:
/NICHELE PETERSON/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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909 e 2012-12-07

Pillsbury Winthrop Shaw Pittman, LLP (NV)
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McLean, VA 22102

Paper No.

Application No.:	**12/705,311**	**Date Mailed:**	**2012-12-07**
First Named Inventor:	Kennewick, Robert, A.	Examiner:	SIRJANI, FARIBA
Attorney Docket No.:	090611-0384800	Art Unit:	2659
Confirmation No.:	8125	Filing Date:	2010-02-12

Please find attached an Office communication concerning this application or proceeding.

Commissioner for Patents

PTO-90c (Rev.08-06)

Notice of Non-Compliant Amendment (37 CFR 1.121)	Application No. 12/705,311	Applicant(s) KENNEWICK ET AL.
		Art Unit 2600

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

The amendment document filed on *03 December, 2012* is considered non-compliant because it has failed to meet the requirements of 37 CFR 1.121 or 1.4. In order for the amendment document to be compliant, correction of the following item(s) is required.

THE FOLLOWING MARKED (X) ITEM(S) CAUSE THE AMENDMENT DOCUMENT TO BE NON-COMPLIANT:

- ☐ 1. Amendments to the specification:
  - ☐ A. Amended paragraph(s) do not include markings.
  - ☐ B. New paragraph(s) should not be underlined.
  - ☐ C. Other _____.
- ☐ 2. Abstract:
  - ☐ A. Not presented on a separate sheet. 37 CFR 1.72.
  - ☐ B. Other _____.
- ☐ 3. Amendments to the drawings:
  - ☐ A. The drawings are not properly identified in the top margin as "Replacement Sheet," "New Sheet," or "Annotated Sheet" as required by 37 CFR 1.121(d).
  - ☐ B. The practice of submitting proposed drawing correction has been eliminated. Replacement drawings showing amended figures, without markings, in compliance with 37 CFR 1.84 are required.
  - ☐ C. Other _____.
- ☒ 4. Amendments to the claims:
  - ☐ A. A complete listing of all of the claims is not present.
  - ☐ B. The listing of claims does not include the text of all pending claims (including withdrawn claims)
  - ☒ C. Each claim has not been provided with the proper status identifier, and as such, the individual status of each claim cannot be identified. Note: the status of every claim must be indicated after its claim number by using one of the following status identifiers: (Original), (Currently amended), (Canceled), (Previously presented), (New), (Not entered), (Withdrawn) and (Withdrawn-currently amended).
  - ☐ D. The claims of this amendment paper have not been presented in ascending numerical order.
  - ☒ E. Other: *See claim 71*.
- ☐ 5. Other (e.g., the amendment is unsigned or not signed in accordance with 37 CFR 1.4): For further explanation of the amendment format required by 37 CFR 1.121, see MPEP § 714.

TIME PERIODS FOR FILING A REPLY TO THIS NOTICE:

1. Applicant is given **no new time period if the non-compliant amendment is an** after-final amendment or an amendment filed after allowance, or a drawing submission (only) If applicant wishes to resubmit the non-compliant after-final amendment with corrections, the **entire corrected amendment** must be resubmitted.

2. Applicant is given **one month**, or thirty (30) days, whichever is longer, from the mail date of this notice to supply the correction, if the non-compliant amendment is one of the following: a preliminary amendment, a non-final amendment (including a submission for a request for continued examination (RCE) under 37 CFR 1.114), a supplemental amendment filed within a suspension period under 37 CFR 1.103(a) or (c), and an amendment filed in response to a Quayle action. If any of above boxes 1 to 4 are checked, the correction required is only the corrected section of the non-compliant amendment in compliance with 37 CFR 1.121.

   Extensions of time are available under 37 CFR 1.136(a) only if the non-compliant amendment is a non-final amendment or an amendment filed in response to a *Quayle* action.
   Failure to timely respond to this notice will result in:
   Abandonment of the application if the non-compliant amendment is a non-final amendment or an amendment filed in response to a *Quayle* action; or
   Non-entry of the amendment if the non-compliant amendment is a preliminary amendment or supplemental amendment.

Legal Instruments Examiner (LIE), if applicable /NICHELE PETERSON/ Telephone No: (571)272-7273

Application Number	Application/Control No.	Applicant(s)/Patent under Reexamination	
	12/705,311	KENNEWICK ET AL.	

Document Code - DISQ	Internal Document – DO NOT MAIL

TERMINAL DISCLAIMER	☒ APPROVED	☐ DISAPPROVED
Date Filed : December 3, 2012	**This patent is subject to a Terminal Disclaimer**	

Approved/Disapproved by:

Henry D. Jefferson

U.S. Patent and Trademark Office

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE PATENT APPLICATION OF:	Robert A. KENNEWICK *et al.*
SERIAL NO.:	12/705,311
FILING DATE:	February 12, 2012
ATTORNEY DOCKET NO.:	090611-0384800
CONFIRMATION NO.:	8125
EXAMINER:	Fariba SIRJANI
ART UNIT:	2626
FOR:	MOBILE SYSTEMS AND METHODS FOR RESPONDING TO NATURAL LANGUAGE SPEECH UTTERANCE

RESPONSE TO NOTICE OF NON-COMPLIANT AMENDMENT
mailed
07 December 2012

MAIL STOP RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA. 22313-1450

Dear Madam:

In response to the Notice of Non-Compliant Amendment mailed December 7, 2012 ("Notice"), and further to the Response to Final Office Action filed on December 3, 2012 ("Response"), please consider the following:

Amendments to the Claims begin on page **2** of this paper.
Remarks begin on page **20** of this paper.

It is not believed that extensions of time or fees for net addition of claims are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned for under 37 C.F.R. § 1.136(a), and any fees required therefore (including fees for net addition of claims) are hereby authorized to be charged to Deposit Account No. 033975 (**Ref. No. 090611-0384800**).

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This listing of claims will replace all prior versions and listings of claims in the Application.

LISTING OF CLAIMS:

1-55. (**Canceled**)

56. (**Currently Amended**) A mobile system for processing natural language utterances, comprising:

one or more processors configured to:

receive a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle,

execute a speech recognition engine that recognizes one or more words or phrases in the natural language utterance,

execute a parser that identifies a telematics domain from the recognized one or more words or phrases of the natural language utterance and formulates a request based on the telematics domain, and ~~and~~

communicate the request to a telematics control unit that is configured to process the request based on the telematics domain, receive diagnostic information that identifies one or more problems with the vehicle from one or more sensors connected to the vehicle, communicate the one or more problems via an output device connected to the vehicle, and communicate with one or more systems that relate to resolving the one or more problems with the vehicle and that relate to ordering one or more parts for the vehicle, wherein the one or more processors are part of the telematics control unit or are separate from the telematics control unit.

57. (**Previously Presented**) The mobile system of claim 56, wherein the one or more processors are configured to execute an event manager providing a multi-threaded environment for processing a plurality of requests in a plurality of different domains across a plurality of overlapping or interleaved dialogs, wherein the event manager coordinates

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interaction between the parser and the telematics control unit to enable the telematics control unit to process the request during the overlapping or interleaved dialogs.

58. (**Currently Amended**) The mobile system of ~~claim 86~~ claim 56, wherein the telematics control unit is configured to determine whether processing the request will create a hazardous condition for the vehicle.

59. (**Previously Presented**) The mobile system of claim 58, wherein the telematics control unit is further configured to:

provide interactive guidance to resolve the hazardous condition via an output device connected to the vehicle, wherein the telematics control unit provides the interactive guidance to resolve the hazardous condition in response to determining that processing the request will create the hazardous condition; and

process the request in response to the computer device receiving an input that manually overrides the hazardous condition determination.

60. (**Canceled**)

61. (**Currently Amended**) The mobile system of ~~claim 60~~ claim 56, wherein the one or more systems are related to scheduling service for the vehicle, summoning help to the vehicle over one or more communication links, or providing remedial instructions that address the one or more problems~~, ordering one or more parts for the vehicle, or providing an estimated cost for the scheduling the service for the vehicle~~.

62. (**Currently Amended**) The mobile system of ~~claim 86~~ claim 56, wherein the telematics control unit is configured to:

detect an accident situation from information received from one or more sensors connected to the vehicle;

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provide one or more interactive announcements or warnings via an output device connected to the vehicle in response to detecting the accident situation, receive an input that is in response to the one or more interactive announcements or warnings, the input indicating a nature of the accident situation or a condition of a person in the vehicle; and

communicate the nature of the accident situation or the condition of the person in the vehicle to emergency personnel over a communications link.

63. (**Previously Presented**) The mobile system of claim 62, wherein the telematics control unit is configured to establish a voice channel over a communications link to enable communication between the person in the vehicle and the emergency personnel.

64. (**Previously Presented**) The mobile system of claim 56, wherein to process the request in the telematics control unit, the telematics control unit communicates over a communication link an indication that the one or more recognized words or phrases include at least one predetermined panic word, panic phrase, emergency word, or emergency phrase.

65. (**Currently Amended**) The mobile system of ~~claim 86~~ claim 56, wherein to process the request in the telematics control unit, the telematics control unit provides interactive guidance for performing one or more maneuvers to operate the vehicle via an output device connected to the vehicle.

66. (**Currently Amended**) The mobile system of ~~claim 86~~ claim 56, wherein to process the request in the telematics control unit, the telematics control unit:

provides interactive routing information to coordinate a rendezvous with one or more other vehicles in communication with the vehicle; and

establishes a voice channel over a communications link to enable communication between a person in the vehicle and one or more people in the other vehicles.

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67. (**Currently Amended**) The mobile system of ~~claim 86~~ claim 56, wherein the telematics control unit is further configured to:

detect that the vehicle is approaching or has exceeded a travel limit for the vehicle;

provide interactive guidance for returning to the travel limit via an output device connected to the vehicle in response to detecting that the vehicle is approaching or has exceeded the travel limit; and

determine whether to extend the travel limit.

68. (**Currently Amended**) The mobile system of ~~claim 86~~ claim 56, wherein to process the request in the telematics control unit, the telematics control unit provides interactive guidance relating to one or more tasks for a person in the vehicle based on a location of the vehicle.

69. (**Previously Presented**) The mobile system of claim 56, wherein the speech recognition engine recognizes the words or phrases in the natural language utterance using a plurality of dictionary and phrase entries that are dynamically updated based on at least a history of a current dialog and one or more prior dialogs.

70. (**Previously Presented**) The mobile system of claim 69, wherein the plurality of dictionary and phrase entries are further dynamically updated based on one or more dynamic fuzzy set possibilities or prior probabilities derived from the history of the current dialog and the prior dialogs.

71. (**Currently Amended**) A method for processing natural language utterances, comprising:

receiving a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle;

recognizing, at a speech recognition engine, one or more words or phrases in the natural language utterance;

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identifying, at a parser, a telematics domain from the recognized one or more words or phrases of the natural language utterance;

formulating, at the parser, a request based on the telematics domain; ~~and~~

communicating the request to a telematics control unit that is configured to process the request based on the telematics domain;

receiving diagnostic information that identifies one or more problems with the vehicle from one or more sensors connected to the vehicle;

communicating the one or more problems via an output device connected to the vehicle; and

communicating with one or more systems that relate to resolving the one or more problems with the vehicle and that relate to ordering one or more parts for the vehicle.

72. (**Previously Presented**) The method of claim 71, further comprising providing an event manager having a multi-threaded environment for processing a plurality of requests in a plurality of different domains across a plurality of overlapping or interleaved dialogs, wherein the event manager coordinates interaction between the parser and the telematics control unit to enable the telematics control unit to process the request during the overlapping or interleaved dialogs.

73. (**Currently Amended**) The method of ~~claim 99~~ claim 71, wherein the telematics control unit is configured to determine whether processing the request will create a hazardous condition for the vehicle.

74. (**Currently Amended**) The method of ~~claim 99~~ claim 71, further comprising:

providing interactive guidance to resolve the hazardous condition via an output device connected to the vehicle, wherein the telematics control unit provides the interactive guidance to resolve the hazardous condition in response to determining that processing the request in the telematics domain will create the hazardous condition; and

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processing the request in response to receiving an input that manually overrides the hazardous condition determination.

75. (**Canceled**)

76. (**Currently Amended**) The method of ~~claim 75~~ claim 71, wherein the one or more systems are related to scheduling service for the vehicle, summoning help to the vehicle over one or more communication links, or providing remedial instructions that address the one or more problems~~, ordering one or more parts for the vehicle, or providing an estimated cost for the scheduling the service for the vehicle~~.

77. (**Currently Amended**) The method of ~~claim 99~~ claim 71, further comprising:

detecting an accident situation from information received from one or more sensors connected to the vehicle;

providing one or more interactive announcements or warnings via an output device connected to the vehicle in response to detecting the accident situation and receiving an input that is in response to the one or more interactive announcements or warnings, the input indicating a nature of the accident situation or a condition of a person in the vehicle; and

communicating the nature of the accident situation or the condition of the person in the vehicle to emergency personnel over a communications link.

78. (**Previously Presented**) The method of claim 77, further comprising establishing a voice channel over a communications link to enable communication between the person in the vehicle and the emergency personnel.

79. (**Previously Presented**) The method of claim 71, further comprising communicating over a communications link an indication that the one or more recognized words or phrases

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include at least one predetermined panic word, panic phrase, emergency word, or emergency phrase indicating that a crime is occurring.

80. (**Currently Amended**) The method of ~~claim 99~~ claim 71, wherein processing the request in the telematics control unit with the telematics control unit includes providing interactive guidance for performing one or more maneuvers to operate the vehicle via an output device connected to the vehicle.

81. (**Currently Amended**) The method of ~~claim 99~~ claim 71, wherein processing the request in the telematics control unit with the telematics control unit includes:

providing interactive routing information to coordinate a rendezvous with one or more other vehicles in communication with the vehicle; and

establishing a voice channel over a communications link to enable communication between a person in the vehicle and one or more people in the other vehicles.

82. (**Currently Amended**) The method of ~~claim 99~~ claim 71, further comprising:

detecting that the vehicle is approaching or has exceeded a travel limit for the vehicle;

providing interactive guidance for returning to the travel limit via an output device connected to the vehicle in response to detecting that the vehicle is approaching or has exceeded the travel limit; and

determining whether to extend the travel limit.

83. (**Currently Amended**) The method of ~~claim 99~~ claim 71, wherein processing the request in the telematics control unit with the telematics control unit includes providing interactive guidance relating to one or more tasks for a person in the vehicle based on a location of the vehicle.

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84. (**Previously Presented**) The method of claim 71, wherein the speech recognition engine recognizes the words or phrases in the natural language utterance using a plurality of dictionary and phrase entries that are dynamically updated based on at least a history of a current dialog and one or more prior dialogs.

85. (**Previously Presented**) The method of claim 84, wherein the plurality of dictionary and phrase entries are further dynamically updated based on one or more dynamic fuzzy set possibilities or prior probabilities derived from the history of the current dialog and the prior dialogs.

86. (**Canceled**)

87. (**Canceled**)

88. (**Currently Amended**) The mobile system of ~~claim 86~~ claim 56, wherein the parser is configured to identify the telematics domain further from a context of the natural language utterance.

89. (**Previously Presented**) The mobile system of claim 88, wherein the parser is configured to determine the context based on a user profile associated with the natural language utterance or based on a previously received natural language utterance.

90. (**Previously Presented**) The mobile system of claim 89, wherein the user profile includes information related to a user's vehicle type, vehicle location, special vehicle equipment, commonly visited destination, address, place of business, interest, or formatting or presentation preference.

91. (**Previously Presented**) The mobile system of claim 88, wherein the one or more processors are configured to determine, based on the context, whether the received natural

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language utterance is part of a query request or part of a command request, and wherein the telematics control unit is configured to retrieve information responsive to the query request or cause an action consistent with the command request.

92. (**Currently Amended**) The mobile system of ~~claim 86~~ claim 56, wherein the parser is configured to identify, from among a plurality of domain agents, a domain agent that is associated with the telematics domain and is configured to formulate the request based on the identified domain agent, and wherein the telematics control unit is configured to process the request by executing the identified domain agent.

93. (**Currently Amended**) The mobile system of ~~claim 86~~ claim 56, wherein the one or more processors are configured to receive a second natural language utterance from the speech unit, and wherein the parser is configured to identify a non-telematics domain from one or more words or phrases of the second natural language utterance.

94. (**Currently Amended**) The mobile system of ~~claim 86~~ claim 56, wherein the one or more processors are further configured to receive a non-voice input from the computer device in the vehicle, wherein the parser is configured to formulate the request further based on the non-voice input.

95. (**Currently Amended**) The mobile system of ~~claim 86~~ claim 56, wherein the telematics control unit is operable to interface with a vehicle-related system, the vehicle-related system comprising a vehicle entertainment device, a communication device in the vehicle, a vehicle control system, a vehicle power management system, a vehicle sensor, a control device external to and in wireless communication with the vehicle, or a vehicle history storage device.

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96. (**Previously Presented**) The mobile system of claim 62, wherein the telematics control unit is configured to communicate medical information associated with the person in the vehicle over the communications link or via an output device in the vehicle.

97. (**Currently Amended**) The mobile system of ~~claim 86~~ claim 56, wherein the system is configured to authenticate a user based on the received natural language utterance and grant vehicle access to the user in response to the authentication.

98. (**Currently Amended**) The mobile system of ~~claim 86~~ claim 56, wherein the system is configured to receive an indication of fatigue of a user of the vehicle and to initiate a dialog to determine the user's fatigue level.

99. (**Canceled**)

100. (**New**) A mobile system for processing natural language utterances, comprising:

one or more processors configured to:

receive a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle,

execute a speech recognition engine that recognizes one or more words or phrases in the natural language utterance,

execute a parser that identifies a telematics domain from the recognized one or more words or phrases of the natural language utterance and formulates a request based on the telematics domain, and

communicate the request to a telematics control unit that is configured to process the request based on the telematics domain, receive diagnostic information that identifies one or more problems with the vehicle from one or more sensors connected to the vehicle, communicate the one or more problems via an output device connected to the vehicle, and communicate with one or more systems that relate to resolving the one or more problems with the vehicle and that relate to providing an estimated cost for the

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scheduling the service for the vehicle, wherein the one or more processors are part of the telematics control unit or are separate from the telematics control unit.

101. (**New**) The mobile system of claim 100, wherein the one or more systems are related to scheduling service for the vehicle, summoning help to the vehicle over one or more communication links, or providing remedial instructions that address the one or more problems.

102. (**New**) A method for processing natural language utterances, comprising:

receiving a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle;

recognizing, at a speech recognition engine, one or more words or phrases in the natural language utterance;

identifying, at a parser, a telematics domain from the recognized one or more words or phrases of the natural language utterance;

formulating, at the parser, a request based on the telematics domain;

communicating the request to a telematics control unit that is configured to process the request based on the telematics domain;

receiving diagnostic information that identifies one or more problems with the vehicle from one or more sensors connected to the vehicle;

communicating the one or more problems via an output device connected to the vehicle; and

communicating with one or more systems that relate to resolving the one or more problems with the vehicle and that relate to providing an estimated cost for the scheduling the service for the vehicle.

103. (**New**) The method of claim 102, wherein the one or more systems are related to scheduling service for the vehicle, summoning help to the vehicle over one or more

communication links, or providing remedial instructions that address the one or more problems.

104. (**New**) A mobile system for processing natural language utterances, comprising:

one or more processors configured to:

receive a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle,

execute a speech recognition engine that recognizes one or more words or phrases in the natural language utterance,

execute a parser that identifies a telematics domain from the recognized one or more words or phrases of the natural language utterance and formulates a request based on the telematics domain, wherein the telematics domain is a query and response domain that includes a driving directions domain, and

communicate the request to a telematics control unit that is configured to process the request based on the telematics domain, wherein the one or more processors are part of the telematics control unit or are separate from the telematics control unit.

105. (**New**) A mobile system for processing natural language utterances, comprising:

one or more processors configured to:

receive a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle,

execute a speech recognition engine that recognizes one or more words or phrases in the natural language utterance,

execute a parser that identifies a telematics domain from the recognized one or more words or phrases of the natural language utterance and formulates a request based on the telematics domain, wherein the telematics domain is a query and response domain that includes a travel services domain, and

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communicate the request to a telematics control unit that is configured to process the request based on the telematics domain, wherein the one or more processors are part of the telematics control unit or are separate from the telematics control unit.

106. (**New**) A mobile system for processing natural language utterances, comprising:

one or more processors configured to:

receive a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle,

execute a speech recognition engine that recognizes one or more words or phrases in the natural language utterance,

execute a parser that identifies a telematics domain from the recognized one or more words or phrases of the natural language utterance and formulates a request based on the telematics domain, wherein the telematics domain is a query and response domain that includes an entertainment scheduling domain, and

communicate the request to a telematics control unit that is configured to process the request based on the telematics domain, wherein the one or more processors are part of the telematics control unit or are separate from the telematics control unit.

107. (**New**) A mobile system for processing natural language utterances, comprising:

one or more processors configured to:

receive a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle,

execute a speech recognition engine that recognizes one or more words or phrases in the natural language utterance,

execute a parser that identifies a telematics domain from the recognized one or more words or phrases of the natural language utterance and formulates a request based on the telematics domain, wherein the telematics domain is a query and response domain that includes a location-based marketing domain, and

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communicate the request to a telematics control unit that is configured to process the request based on the telematics domain, wherein the one or more processors are part of the telematics control unit or are separate from the telematics control unit.

108. (**New**) A mobile system for processing natural language utterances, comprising:

one or more processors configured to:

receive a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle,

execute a speech recognition engine that recognizes one or more words or phrases in the natural language utterance,

execute a parser that identifies a telematics domain from the recognized one or more words or phrases of the natural language utterance and formulates a request based on the telematics domain, wherein the telematics domain is a control domain that includes a vehicle lighting control domain, and

communicate the request to a telematics control unit that is configured to process the request based on the telematics domain, wherein the one or more processors are part of the telematics control unit or are separate from the telematics control unit.

109. (**New**) A mobile system for processing natural language utterances, comprising:

one or more processors configured to:

receive a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle,

execute a speech recognition engine that recognizes one or more words or phrases in the natural language utterance,

execute a parser that identifies a telematics domain from the recognized one or more words or phrases of the natural language utterance and formulates a request based on the telematics domain, wherein the telematics domain is a control domain that includes a windshield wiper control domain, and

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communicate the request to a telematics control unit that is configured to process the request based on the telematics domain, wherein the one or more processors are part of the telematics control unit or are separate from the telematics control unit.

110. (**New**) A mobile system for processing natural language utterances, comprising:

one or more processors configured to:

receive a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle,

execute a speech recognition engine that recognizes one or more words or phrases in the natural language utterance,

execute a parser that identifies a telematics domain from the recognized one or more words or phrases of the natural language utterance and formulates a request based on the telematics domain, wherein the telematics domain is a control domain that includes a vehicle entertainment domain, and

communicate the request to a telematics control unit that is configured to process the request based on the telematics domain, wherein the one or more processors are part of the telematics control unit or are separate from the telematics control unit.

111. (**New**) A method for processing natural language utterances, comprising:

receiving a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle;

recognizing, at a speech recognition engine, one or more words or phrases in the natural language utterance;

identifying, at a parser, a telematics domain from the recognized one or more words or phrases of the natural language utterance, wherein the telematics domain is a query and response domain that includes a driving directions domain;

formulating, at the parser, a request based on the telematics domain; and

communicating the request to a telematics control unit that is configured to process the request based on the telematics domain.

112. (**New**) A method for processing natural language utterances, comprising:

receiving a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle;

recognizing, at a speech recognition engine, one or more words or phrases in the natural language utterance;

identifying, at a parser, a telematics domain from the recognized one or more words or phrases of the natural language utterance, wherein the telematics domain is a query and response domain that includes a travel services domain;

formulating, at the parser, a request based on the telematics domain; and

communicating the request to a telematics control unit that is configured to process the request based on the telematics domain.

113. (**New**) A method for processing natural language utterances, comprising:

receiving a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle;

recognizing, at a speech recognition engine, one or more words or phrases in the natural language utterance;

identifying, at a parser, a telematics domain from the recognized one or more words or phrases of the natural language utterance, wherein the telematics domain is a query and response domain that includes an entertainment scheduling domain;

formulating, at the parser, a request based on the telematics domain; and

communicating the request to a telematics control unit that is configured to process the request based on the telematics domain.

114. (**New**) A method for processing natural language utterances, comprising:

receiving a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle;

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recognizing, at a speech recognition engine, one or more words or phrases in the natural language utterance;

identifying, at a parser, a telematics domain from the recognized one or more words or phrases of the natural language utterance, wherein the telematics domain is a query and response domain that includes a location-based marketing domain;

formulating, at the parser, a request based on the telematics domain; and

communicating the request to a telematics control unit that is configured to process the request based on the telematics domain.

115. (**New**) A method for processing natural language utterances, comprising:

receiving a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle;

recognizing, at a speech recognition engine, one or more words or phrases in the natural language utterance;

identifying, at a parser, a telematics domain from the recognized one or more words or phrases of the natural language utterance, wherein the telematics domain is a control domain that includes a vehicle lighting control domain;

formulating, at the parser, a request based on the telematics domain; and

communicating the request to a telematics control unit that is configured to process the request based on the telematics domain.

116. (**New**) A method for processing natural language utterances, comprising:

receiving a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle;

recognizing, at a speech recognition engine, one or more words or phrases in the natural language utterance;

identifying, at a parser, a telematics domain from the recognized one or more words or phrases of the natural language utterance, wherein the telematics domain is a control domain that includes a windshield wiper control domain;

formulating, at the parser, a request based on the telematics domain; and

communicating the request to a telematics control unit that is configured to process the request based on the telematics domain.

117. (**New**) A method for processing natural language utterances, comprising:

receiving a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle;

recognizing, at a speech recognition engine, one or more words or phrases in the natural language utterance;

identifying, at a parser, a telematics domain from the recognized one or more words or phrases of the natural language utterance, wherein the telematics domain is a control domain that includes a vehicle entertainment domain;

formulating, at the parser, a request based on the telematics domain; and

communicating the request to a telematics control unit that is configured to process the request based on the telematics domain.

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REMARKS

The Notice objected to the Response because it was allegedly not in compliance with 37 C.F.R. § 1.121. In particular, the Notice indicated that the status identifier of claim 71 is incorrect.

Upon review, it appears that due to a clerical mistake, the Response did not correctly identify claim 71 as "Currently Amended." Accordingly, a revised Listing of Claims is provided with a revised status identifier for claim 71. Claim 71 has been changed to "Currently Amended," as an amendment to that claim has been made. No further amendments have been made herein other than to address the aforementioned informality.

For *at least* the foregoing reasons, Applicants request that the Notice be withdrawn and that the Response be entered and considered. Further, for the Examiner's convenience, the original remarks submitted in the Response are provided below.

REMARKS

In response to the Final Office Action mailed **August 3, 2012**, claims 56, 58, 61, 62, 65-68, 71, 73, 74, 76, 77, 80-83, 86, 88, 92-95, 97, and 98 have been amended, claims 60, 75, 86, 87, and 99 have been canceled without prejudice or disclaimer, and claims 100-117 have been newly added. Therefore, claims 56-59, 61-74, 76-85, 88-98, and 100-117 are pending. Support for the instant amendments is provided throughout the as-filed Specification. Thus, no new matter has been added. In view of the foregoing amendments and following comments, allowance of all the claims pending in the application is requested.

EXAMINER INTERVIEW

Applicants thank the Examiner for the courtesies extended to Applicants' representative (Ngai Zhang) during the telephonic interview conducted on December 3, 2012. During the interview, the subject matter of the application was explained in light of the references relied upon by the Examiner. Without acquiescing in the propriety of the alleged rejections, it is noted that the Examiner indicated that amending independent claims

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56 and 71 to incorporate certain features from either claims 61, 76, or 87 (and from claims that claims 61, 76, or 87 depend upon) would place the application in condition for allowance, subject to a properly executed Terminal Disclaimer and a further search.

NON-STATUTORY DOUBLE PATENTING REJECTION

Claims 61 and 76 stand rejected under the judicially created doctrine of obviousness-type double patenting as allegedly being unpatentable over claim 48 of U.S. Patent No. 7,693,720 to Kennewick *et al.* (hereinafter "Kennewick") in view of U.S. Patent No. 6,910,003 to Arnold (hereinafter "Arnold"), U.S. Patent No. 6,944,583 to Kuzunuki (hereinafter "Kuzunuki"), U.S. Patent No. 7,902,969 to Obradovich I (hereinafter "Obradovich I"), U.S. Patent Application Publication No. 2003/065427 to Funk (hereinafter "Funk"), and U.S. Patent Application Publication No. 2002/0188392 to Breed (hereinafter "Breed").

Claim 87 stands rejected under the judicially created doctrine of obviousness-type double patenting as allegedly being unpatentable over claim 5 of U.S. Patent No. 7,693,720 to Kennewick *et al.* (hereinafter "Kennewick") in view of Arnold and Kuzunuki.

Applicants disagree with the propriety of the rejection set forth by the Examiner. However, *solely* in an effort to expedite prosecution, Applicants have attached a properly executed Terminal Disclaimer.

Applicants further note that the filing of a Terminal Disclaimer to obviate a rejection based on non-statutory double patenting does not constitute an admission of the propriety of the rejection. *See Quad Environmental Technologies Corp. v. Union Sanitary District*, 946 F.2d 870 (Fed. Cir. 1991) (indicating that "filing of a terminal disclaimer simply serves the statutory function of removing the rejection of double patenting, and raises neither a presumption nor estoppel on the merits of the rejection.").

REJECTIONS UNDER 35 U.S.C. § 103

Claims 56-60, 62-86, and 88-99 stand rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over the various combinations of Arnold in view of Kuzunuki, U.S. Patent

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Application Publication No. 2004/0205671 by Sukehiro (hereinafter "Sukehiro"), U.S. Patent No. 6,968,311 to Knockeart (hereinafter "Knockeart"), U.S. Patent Application Publication No. 2002/0022927 to Lemelson (hereinafter "Lemelson"), Obradovich I, Breed, U.S. Patent No. 7,406,421 to Odinak (hereinafter "Odinak"), U.S. Patent No. 6,275,231 to Obradovich II (hereinafter "Obradovich II"), U.S. Patent No. 6,362,748 to Huang (hereinafter "Huang"), U.S. Patent No. 6,877,001 to Wolfe (hereinafter "Wolfe"), U.S. Patent No. 7,478,036 to Shen (hereinafter "Shen"), U.S. Patent No. 6,236,968 to Kanevsky (hereinafter "Kanevsky"), and U.S. Patent No. 5,913,196 to Talmor (hereinafter "Talmor").

Without acquiescing in the propriety of the alleged rejections and *solely* to expedite prosecution, Applicants have amended independent claims 56 and 71 to incorporate certain features from claims 61 and 76, respectively (and the various claims that claim 61 and 76 depend upon), that the Examiner has indicated may place the independent claims in condition for allowance if incorporated. As indicated during the interview, independent claims 56 and 71 are allowable. In addition, independent claims 100, 102, 104-117 are also allowable *at least* because they recite particular features of claims 56 and 71, of claims 61, 76, and 87, and of the various claims that claims 61, 76, and 87 are dependent upon, that the Examiner indicated are allowable. The dependent claims are allowable *at least* by virtue of their dependence on one of the independent claims. Accordingly, withdrawal of the various 35 U.S.C. § 103 rejections and a Notice of Allowance are respectfully requested.

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CONCLUSION

Having addressed each of the foregoing rejections, it is respectfully submitted that a full and complete response has been made to the outstanding Office Action and, as such, the application is in condition for allowance. Notice to that effect is respectfully requested.

If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at the number provided.

Respectfully submitted,

Date: **December 10, 2012**

PILLSBURY WINTHROP SHAW PITTMAN LLP

By: Ngai Zhang

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Page 001123

Electronic Acknowledgement Receipt

EFS ID:	14428107
Application Number:	12705311
International Application Number:	
Confirmation Number:	8125
Title of Invention:	MOBILE SYSTEMS AND METHODS FOR RESPONDING TO NATURAL LANGUAGE SPEECH UTTERANCE
First Named Inventor/Applicant Name:	Robert A. Kennewick
Customer Number:	909
Filer:	Ngai Bing Zhang/Miriam Nelsen Awan
Filer Authorized By:	Ngai Bing Zhang
Attorney Docket Number:	090611-0384800
Receipt Date:	10-DEC-2012
Filing Date:	12-FEB-2010
Time Stamp:	17:02:05
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		090611-0384800_ResponseNoticeNonCompliantAmendment.pdf	883753 2879dd3c82b913566e3ef37312005a046ac61469	yes	23

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Supplemental Response or Supplemental Amendment	1	1
	Claims	2	19
	Applicant Arguments/Remarks Made in an Amendment	20	23
Warnings:			
Information:			
	Total Files Size (in bytes):	883753	

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

PTO/SB/06 (07-06)
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PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number	Filing Date	☐ To be Mailed
12/705,311	02/12/2010	

APPLICATION AS FILED – PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	SMALL ENTITY ☒ RATE ($)	SMALL ENTITY ☒ FEE ($)	OR	OTHER THAN SMALL ENTITY RATE ($)	OTHER THAN SMALL ENTITY FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A			N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =		OR	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X $ =			X $ =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $250 ($125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).						
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))							
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL			TOTAL	

APPLICATION AS AMENDED – PART II

AMENDMENT 12/10/2012	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE ($)	SMALL ENTITY ADDITIONAL FEE ($)	OR	OTHER THAN SMALL ENTITY RATE ($)	OTHER THAN SMALL ENTITY ADDITIONAL FEE ($)
Total (37 CFR 1.16(i))	* 57	Minus	** 57	= 0	X $31 =	0	OR	X $ =	
Independent (37 CFR 1.16(h))	* 18	Minus	***18	= 0	X $125 =	0	OR	X $ =	
☐ Application Size Fee (37 CFR 1.16(s))									
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
					TOTAL ADD'L FEE	0	OR	TOTAL ADD'L FEE	

AMENDMENT	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)	OR	RATE ($)	ADDITIONAL FEE ($)
Total (37 CFR 1.16(i))	*	Minus	**	=	X $ =		OR	X $ =	
Independent (37 CFR 1.16(h))	*	Minus	***	=	X $ =		OR	X $ =	
☐ Application Size Fee (37 CFR 1.16(s))									
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
					TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Legal Instrument Examiner:
/LINDA BADIE/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/705,311	02/12/2010	Robert A. Kennewick	090611-0384800	8125

909 7590 05/10/2013

Pillsbury Winthrop Shaw Pittman, LLP (NV)
PO Box 10500
McLean, VA 22102

EXAMINER	
SIRJANI, FARIBA	

ART UNIT	PAPER NUMBER
2659	

NOTIFICATION DATE	DELIVERY MODE
05/10/2013	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

docket_ip@pillsburylaw.com
margaret.drosos@pillsburylaw.com

Office Action Summary	Application No. 12/705,311	Applicant(s) KENNEWICK ET AL.	
	Examiner FARIBA SIRJANI	Art Unit 2659	AIA (First Inventor to File) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *10 December 2012*.

☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

4)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

5)☒ Claim(s) *56-59, 61-674, 76-85, 88-98, 100-117* is/are pending in the application.

5a) Of the above claim(s) _____ is/are withdrawn from consideration.

6)☐ Claim(s) _____ is/are allowed.

7)☒ Claim(s) *56-59 and 61-674* is/are rejected.

8)☐ Claim(s) _____ is/are objected to.

9)☐ Claim(s) _____ are subject to restriction and/or election requirement.

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

Application Papers

10)☐ The specification is objected to by the Examiner.

11)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a)☐ All b)☐ Some * c)☐ None of the:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Interim copies:

a)☐ All b)☐ Some c)☐ None of the: Interim copies of the priority documents have been received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☒ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.

3) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .

4) ☐ Other: _____.

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DETAILED ACTION

Claims 56-59, 61-74, 76-85, 88-98, and 100-117 are pending. Claims 56, 71, 100, 102, and 104-117 are independent. Claims 100-117 are new. New Claims 100, 102, and 104-117 are independent.

Continued Examination Under 37 CFR 1.114

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 12/03/2012 has been entered.

Terminal Disclaimer

The terminal disclaimer filed on 12-3-2012 disclaiming the terminal portion of any patent granted on this application which would extend beyond the expiration date of U.S. Patent No. 7,693,720 has been reviewed and is accepted.

Response to Arguments

Applicant's arguments were considered and are moot in view of the new grounds of rejection.

Moreover, regarding the conversation conducted on December 3, 2012, between the Examiner and the Applicant's representative, the following clarification is in order: The conversation was not a formal interview as no merits were discussed; Examiner merely agreed that the fact that certain claims were rejected only by an obviousness

Double Patenting rejection indicated that if those claims were to be placed in independent format, then they could not be rejected by the art that was of record at that time. There was no indication of allowability. Furthermore, formal interviews are documented in an Interview Summary form where any agreements, beyond what is already in the record, are reflected. The conversation of December 3, 2012, merely confirmed the understanding of Applicant's representative of the meaning of the Obviousness Double Patenting rejection over a commonly assigned patent.

The final Office action of 8/03/2012 provided references for teaching some of the limitations in the Claims that were rejected under the Obviousness Double Patenting rejection. Thus, those limitations were taught by prior art, that was of record at the time of mailing of the Office action, and would not render a claim allowable. For example, the Conclusion section of the final Office action of 8/03/2012 referred to DeLine (2009/0106029) for teaching a windshield wiper control domain that was one of the members of the list in Claim 87. Certain of other members of the group were rejected in the context of other claims (e.g., "driving directions domain" was rejected in Claim 67 by ObradovichI (7,902,969) and in the Conclusion by ObradovichIII (6,754,485) and "travel services domain" was rejected in Claim 60 by ObradovichI). Because the claim language began with "includes," followed by a list, the Examiner interpreted the "or" to be inclusive and attempted to find a reference that taught each and every member of the list that was tied together with "or." As a result, if only one member was not found in the references, then the Claim was subjected to ODP rejection. In examining the

current Claims, the disjunctive "or" is interpreted as referring to "at least one/one or more" of the list and therefore a reference is provided against one member of the list.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

1. Claims 56, 68, 71, 83, 88-89, 91-95, and 100-103 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kuzunuki (U.S. 6,944,583) in view of Arnold (U.S. 6,910,003) and further in view of Bennett (U.S. 7,487,110).

Regarding **Claim 56**, **Kuzunuki** includes a Mobile PC that receive speech and a system that separates command from query and also includes a telematics domain as one type of its “Application Service Providers” and teaches:

56. A mobile system for processing natural language utterances, comprising: [Kuzunuki, Figure 3, “mobile TEL 10b” and Figure 4, “mobile CarPC 10c” and Figure 1 showing the overall speech processing system.]

one or more processors configured to: [Kuzunuki, Figure 1, at least the "speech portal server 50," “PC 30c,” "PDA 1-a," "mobile TEL 10b," and "mobile CarPC 10c” are computing devices that include processors. The ”TV 30b,” and “Home TEL 30a” also include processors because Figures 2-7 that show the parts in detail all include a “processing apparatus and web browser” portion.]

receive a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle, [Kuzunuki, Figure 1, "mobile CarPC 10c" that is coupled to the "speech portal server 50." Figure 4 showing the "mobile CarPC 10c" having a "MIC 10c4" for receiving speech.]

execute a speech recognition engine that recognizes one or more words or phrases in the natural language utterance, [Kuzunuki, Figure 1, "speech portal server 50": "The speech portal server 50 recognizes the speech, applies the command conversion to the content of the speech for converting it into a command and an object to be searched for, and transmits them to an ASP 60 corresponding to the content of the command." Col. 5, lines 15-20.]

execute a parser that identifies a telematics domain from the recognized one or more words or phrases of the natural language utterance and formulates a request based on the telematics domain; and [Kuzunuki, One of the domains of Kuzunuki is "Mobile CarPC 10c" of Figure 4 that teaches the telematics control domain of the Claim. "The speech portal server 50 recognizes the speech, applies the command conversion to the content of the speech for converting it into a command and an object to be searched for, and transmits them to an ASP 60 corresponding to the content of the command." Col. 5, lines 15-20. Figure 9 shows both a "connected speech recognition 503a" and a "word speech recognition 503b". Col. 6, line 65 to Col. 7, line 6. Kuzunuki teaches that "Generally, the connected speech recognizing engine uses a recognizing method for using a transition probability model between words," which means the speech is parsed into words. Col 7, lines 14-16. The keywords are

generally commands: "a short word such as a command is entered since knowledge on the preceding and the following words is not used." Col. 7, lines 17-19.]

communicate the request to a telematics control unit that is configured to process the request based on the telematics domain, [Kuzunuki, "The speech portal server 50 recognizes the speech, applies the command conversion to the content of the speech for converting it into a command and an object to be searched for, and transmits them to an ASP 60 corresponding to the content of the command." Col. 5, lines 15-20. Figures 25-26 show the communication procedure between the speech input terminal (which is the CarPC), the speech portal server, and navigation information ASP (Figure 25) or the music information ASP (Figure 26). Figure 8, "conversation control means 507" and Figure 17 showing the "ASP control 507d" performed by the "conversation control means 507." "The basic conversation rules 507b store rules commonly used among the individual information ASP's, and conversation rules specific to the individual information ASP's are downloaded from the individual information ASP'S. When the conversation processing mean 507a receives Vtext2 of output from the speech recognizing mean 505, determines a command ID, determines which information ASP it corresponds to, and transmits the command ID and an object as ASPDataOut to the corresponding information ASP." Col. 9, lines 1-10. Figures 18-21 show the "fuzzy search means" of application service providers (ASP) shown as "60" in Figure 1, where at least Figure 18, "navigations information ASP 60a," "music information ASP 60b" and "broadcast program information ASP 60c" could be used in the context of telematics. The search means can process the request for a particular type of information. See

also Figure 22 for “an example of a speech operation menu screen.” Col. 4, line 24. Figure 24 shows one example of the return of the "search results 60a200res."]

receive diagnostic information that identifies one or more problems with the vehicle from one or more sensors connected to the vehicle, [Kuzunuki, Figure 4, "The Mobile Car PC is connected with different onboard sensors, which are not shown in the figure, and may show information on a vehicle.” Col. 6, lines 17-21. Kuzunuki does not talk about diagnostic information but using sensors inherently provides diagnostic information: for example if the engine temperature is too high, it is indicative of a problem with the engine,]

communicate the one or more problems via an output device connected to the vehicle, and

communicate with one or more systems that relate to resolving the one or more problems with the vehicle and that relate to ordering one or more parts for the vehicle,

wherein the one or more processors are part of the telematics control unit or are separate from the telematics control unit. [Kuzunuki, Figure 1 shows a distributed system where each of components (10 or 30) that are communicating with the “speech portal server 50” and the “ASPs 60” includes a processor inherently.]

Kuzunuki inherently includes a parser when it recognizes natural and continuous speech based on probability of one word following another. However, for completeness, a secondary reference that expressly teaches a parser is cited.

Arnold teaches:

execute a parser that identifies a telematics **domain from the recognized**

one or more words or phrases of the natural language utterance and formulates a request based on the telematics **domain**; and [Arnold, teaches the parsing of the NL query and also teaches formulating a database query based on the user NL query: Figure 21, "speech recognizer 2102." "… wherein the user inputs the query in natural language." Col. 41, lines 1-2. Arnold does not teach identifying a telematics domain. Figure 4, "natural language question parser" as part of the "user interaction module 406." Figure 15: "First, the user submits a natural language query to the system 1100 (step 1502). As discussed earlier, an exemplary natural language query can be "Tell me about joint ventures involving SBC in the Communications Services Sector" or "Did Barnes & Noble buy anyone this year?" The natural language query is **parsed** by the natural language user interface 1110. A variety of natural language parsers can be used. … The output from executing the query grammar files is used to *generate database queries* with one or more search parameters *corresponding to the natural language queries*." Col 17, line 57-Col. 18, Lines 3. Arnold teaches identifying the topic of the query: "Once the system 1100 receives a natural language query from the user, natural language rules are applied to understand the specific goals of the question: the topic area, the type of information sought, and any specific constraints (step 1504)." Col. 18, Lines 16-20. Figure 11, "the query and reply front end 1120" and the "communication engine 1112." "The query and reply front end 1120 converts user queries, which can be natural language queries, or search terms, into an internal query format and submits the query to the information extraction and query engine 1104." Col. 13, Lines 29-33. "The communication engine 1112 also receives input from

a natural language query user interface 1110." Col. 13, lines 26-27.]

Kuzunuki and Arnold pertain to speech recognition and it would have been obvious to combine the parsing function of Arnold (which is not explicit in Kuzunuki) with the speech recognition of Kuzunuki to obtain a parsed input which could be further processed.

Kuzunuki and Arnold do not teach communicating diagnostic information from a car.

Bennett teaches:

receive diagnostic information that identifies one or more problems with the vehicle from one or more sensors connected to **the vehicle**, [Bennett, Figure 3, "Referring now to FIG. 3, a more specific embodiment of the communication system 24 in communication with a dealer 30 and manufacturer 32 is shown. The embodiment depicted in FIG. 3 is an example of a customer 46 using the communication system 24 to have his/her automobile repaired. For the example shown, the consumer has been involved in a minor automobile accident, which requires the ordering of parts. As shown, the customer 46 is in communication with the dealer 30 via a standard user interface 48 (e.g., a web browser). It should be understood that the customer 46 could communicate with the dealer 30 using any web technology known in the art. For example, the customer 46 could communicate using a computer, a personal digital assistant, a telematics system of an automobile, etc. Once communication has been established with the dealer 30, the consumer can schedule an appointment to drop the automobile at the dealer. It should be understood, however, that the consumer need not make

direct web contact with the dealer. As indicated above, the consumer 46 may schedule the appointment using a consumer facilitator, such as myautogarage.com." Col. 7, lines 48-67.]

communicate the one or more problems via an output device connected to the vehicle, and [Bennett, "It should be understood that the customer 46 could communicate with the dealer 30 using any web technology known in the art. For example, the customer 46 could communicate using a computer, a personal digital assistant, a telematics system of an automobile, etc." Excerpted from Col. 7, lines 48-67.]

communicate with one or more systems that relate to resolving the one or more problems with the vehicle and that relate to ordering one or more parts for the vehicle, [Bennett, "For the example shown, the consumer has been involved in a minor automobile accident, which requires the ordering of parts." Excerpted from Col. 7, lines 48-67.]

Kuzunuki, Arnold, and Bennett pertain to communicating information from a mobile source (car or "handheld mobile devices" of Figure 20 of Arnold) and it would have been obvious to one of ordinary skill in the art to combine the communication of diagnostic information that is taught by Bennett with the system of Kuzunuki/Arnold which is used in the context of telematics because the goal of diagnostic information that is gathered by the sensors of Kuzunki system is to remedy the problems diagnosed regarding the car which is done by the system of Bennett. This is as use of a known technique to improve similar devices, methods, or products in the same way. See

MPEP 2141, KSR, 550 U.S. at___, 82 USPQ2d at 1396.

Regarding **Claim 68**, **Kuzunuki** teaches interactive guidance based on location:

68. The mobile system of claim 56, **wherein to process the request in the telematics control unit, the telematics control unit provides interactive guidance relating to one or more tasks for a person in the vehicle based on a location of the vehicle**. [Kuzunuki, Figure 25, command of navigation information elicits path information and map information based on input of the current position. See Col. 11, lines 13 to Col. 12, line 4.]

Apparatus Claim 56 and method **Claim 71** are related as apparatus and the method of using same, with each claimed element's function corresponding to the claimed method step. Accordingly the method Claim 71 is similarly rejected under the same rationale as applied above with respect to the corresponding apparatus claim.

Apparatus Claim 68 and method **Claim 83** are related as apparatus and the method of using same, with each claimed element's function corresponding to the claimed method step. Accordingly the method Claim 83 is similarly rejected under the same rationale as applied above with respect to the corresponding apparatus claim.

Regarding **Claim 88**, **Kuzunuki** teaches:

88. The mobile system of claim 56, **wherein** the parser is **configured to identify the telematics domain further from a context of the natural language utterance.** [Kuzunuki teaches that the domain of a speech, including the telematics (GPS, Car MobilePC) is identified from the commands that are extracted from the

input. (Kuzunuki, Figure 8.)]

Kuzunuki does not expressly talk about a “parser” although a parser that finds the words of a continuous natural language speech is inherent or at least implied from Kuzunuki.

Arnold expressly eaches:

wherein the parser is configured to identify the telematics **domain further from a context of the natural language utterance.** [Arnold teaches the use of domain dependence (col. 31, line 45) and context dependence (col. 32, line 22) in its speech processing and in particular in parsing (Col. 32, lines 3-9).]

It would have been obvious to combine the parser of Arnold that is directed to natural language processing with the feature of Kuzunuki that looks for a telematics context/domain as a known step in speech recognition as as use of a known technique to improve similar devices, methods, or products in the same way. See MPEP 2141, KSR, 550 U.S. at___, 82 USPQ2d at 1396.

Regarding **Claim 89**, again Kuzunuki is not express regarding a “parser” but determines the commands from natural speech.

Arnold expressly teaches:

89. The mobile system of claim 88, **wherein the parser is configured to determine the context** based on a user profile associated with the natural language utterance **or based on a previously received natural language utterance.** [Arnold teaches that context means "previous utterance.” Col. 32, line 22.]

Kuzunuki and Arnold pertain to speech recognition and determination of the

particular area/context of speech. It would have been obvious to combine the context determination method of Arnold with the system of Kuzuniki to improve the recognition of the particular area of speech input as use of a known technique to improve similar devices, methods, or products in the same way. See MPEP 2141, KSR, 550 U.S. at___, 82 USPQ2d at 1396.

Regarding **Claim 91**, **Kuzunuki** teaches:

91. The mobile system of claim 88,

wherein the one or more processors are configured to determine, based on the context, whether the received natural language utterance is part of a query request or part of a command request, and [Kuzunuki, teaches distinguishing command from query (Figures 8-15 and Abstract) based on the duration of the utterance or the number of characters in it. Then, based on context of the command, the type of command and its objects are identified (Figure 15).]

wherein the telematics control unit is configured to retrieve information responsive to the query request or cause an action consistent with the command request**.** [Kunuzuki, Figure 25 shows the information that is retrieved regarding the path and map responsive to the query.]

Regarding **Claim 92**, **Kuzunuki** teaches:

92. The mobile system of claim 56,

wherein the parser **is configured to identify, from among a plurality of domain agents, a domain agent that is associated with the telematics domain and is configured to formulate the request based on the identified domain agent, and**

[Kuzunuki, Figure 8 and Figure 9.]

wherein the telematics control unit is configured to process the request by executing the identified domain agent. [Kuzunuki, Figure 9, Figure 14, Figure 15 and Figure 25 where the operation of the Mobile CarPC for navigation is shown.]

Kuzunik is not express regarding the parser but finds the command and query parts of a natural language input.

Combination is motivated according to the rationale of Claim 56.

Regarding **Claim 93**, **Kuzunuki** teaches:

93. The mobile system of claim 56, wherein the one or more processors are configured to receive a second natural language utterance from the speech unit, and wherein the parser is configured to identify a non-telematics domain from one or more words or phrases of the second natural language utterance. [Kuzunuki, Figure 1, several different ASPs (application service providers) are provided that each pertain to a different domain including non-telematics domains.]

Regarding **Claim 94**, **Kuzunuki** teaches:

94. The mobile system of claim 56, wherein the one or more processors are further configured to receive a non-voice input from the computer device in the vehicle, wherein the parser is configured to formulate the request further based on the non-voice input**.** [Kuzunuki, Figure 1 and Figures 2-7 shows the various parts of the system where many like the PDA and Mobile TEL usually include a non-speech input interface. Further, the mobile CarPC of Figure 4 includes a GPS 10c9 as one of the input mechanisms and Figure 6, TV includes a camera CM 30c9 as one of the speech

input mechanisms.]

Kuzunuki does not teach that the speech recognition includes data from the non-voice input.

Arnold teaches:

wherein the one or more processors are further configured to receive a non-voice input from the computer device in the vehicle, wherein the parser is configured to formulate the request further based on the non-voice input. [Arnold teaches text input which can be text but also accommodates speech that is converted to text and is then parsed. (Figure 21, multimedia data source). "FIG. 1 depicts an illustrative query input page and an answer page according to one embodiment of the present invention;" Col. 3, lines 62-64.]

It would have been obvious to include the non-speech input capability of Arnold which is nonetheless used in the deciphering of the input speech with the speech recognizer of Kuzunuki to increase the accuracy of the process use of a known technique to improve similar devices, methods, or products in the same way. See MPEP 2141, KSR, 550 U.S. at___, 82 USPQ2d at 1396.

Regarding **Claim 95**, **Kuzunuki** teaches:

95. The mobile system of claim 56,

wherein the telematics control unit is operable to interface with a vehicle-related system, the vehicle-related system comprising a vehicle entertainment device, a communication device in the vehicle, a vehicle control system, a vehicle power management system, a vehicle sensor, a control device external to and in

wireless communication with the vehicle, or a vehicle history storage device. [Kuzunuki, the "Mobile CarPC" is a "vehicle-related system" which comprises an "onboard terminal 10c" which is a communication device in the vehicle. Figure 19 "music information ASP 60b" and Figure 20 "broadcast program information ASP 60c" that are in communication with the Mobile CarPC show that telematics of the car can interface with entertainment devices. "The Mobile Car PC is connected with different onboard sensors, which are not shown in the figure, and may show information on a vehicle." Col. 6, lines 17-21. Everything interfaces with "a communication device" because the request has to be sent to the ASP.]

Regarding **Claim 100**, **Kuzunuki** teaches:

100. A mobile system for processing natural language utterances, comprising: [Kuzunuki, Figure 3, "mobile TEL 10b" and Figure 4, "mobile CarPC 10c" and Figure 1 showing the overall speech processing system.]

one or more processors configured to: [Kuzunuki, Figure 1, at least the "speech portal server 50," "PC 30c," "PDA 1-a," "mobile TEL 10b," and "mobile CarPC 10c", "TV 30b," and "Home TEL 30a" all include processors. See Figures 2-7 that show the parts in detail all include a "processing apparatus and web browser" portion.]

receive a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle, [Kuzunuki, Figure 4 showing the "mobile CarPC 10c" having a "MIC 10c4" for receiving speech and Figure 1, "mobile CarPC 10c" that is coupled to the "speech portal server 50."]

execute a speech recognition engine that recognizes one or more words or

phrases in the natural language utterance, [Kuzunuki, Figure 1, "speech portal server 50": "The speech portal server 50 recognizes the speech, applies the command conversion to the content of the speech for converting it into a command and an object to be searched for, and transmits them to an ASP 60 corresponding to the content of the command." Col. 5, lines 15-20.]

execute a parser that identifies a telematics domain from the recognized one or more words or phrases of the natural language utterance and formulates a request based on the telematics domain; and [Kuzunuki, One of the domains of Kuzunuki is "Mobile CarPC 10c" of Figure 4 that teaches the telematics control domain of the Claim. "The speech portal server 50 recognizes the speech, applies the command conversion to the content of the speech for converting it into a command and an object to be searched for, and transmits them to an ASP 60 corresponding to the content of the command." Col. 5, lines 15-20. Figure 9 shows both a "connected speech recognition 503a" and a "word speech recognition 503b." Col. 6, line 65 to Col. 7, line 6. Kuzunuki teaches that "Generally, the connected speech recognizing engine uses a recognizing method for using a transition probability model between words," which means the speech is first parsed into words. Col 7, lines 14-16.]

communicate the request to a telematics control unit that is configured to process the request based on the telematics domain, [Kuzunuki, "The speech portal server 50 recognizes the speech, applies the command conversion to the content of the speech for converting it into a command and an object to be searched for, and transmits them to an ASP 60 corresponding to the content of the command." Col. 5, lines 15-20.

Some of the ASPs in Figure 1 pertain to telematics, for example, “navigations information ASP 60a.” Figures 25-26 show the communication procedure between the speech input terminal (which is the CarPC), the speech portal server, and navigation information ASP (Figure 25) or the music information ASP (Figure 26). Figure 8, “conversation control means 507” and Figure 17 showing the “ASP control 507d” performed by the "conversation control means 507." “When the conversation processing mean 507a receives Vtext2 of output from the speech recognizing mean 505, determines a command ID, determines which information ASP it corresponds to, and transmits the command ID and an object as ASPDataOut to the corresponding information ASP.” Col. 9, lines 1-10. Figures 18-21 show the “fuzzy search means” of application service providers (ASP) shown as "60” in Figure 1, where at least Figure 18, “navigations information ASP 60a,” “music information ASP 60b” and “broadcast program information ASP 60c" could be used in the context of telematics. The search means can process the request for a particular type of information. Figure 24 shows one example of the return of the "search results 60a200res."]

receive diagnostic information that identifies one or more problems with the vehicle from one or more sensors connected to the vehicle, [Kuzunuki, Figure 4, "The Mobile Car PC is connected with different onboard sensors, which are not shown in the figure, and may show information on a vehicle.” Col. 6, lines 17-21. Kuzunuki does not talk about diagnostic information but using sensors inherently provides diagnostic information: for example if the engine temperature is too high, it is indicative of a problem with the engine.]

communicate the one or more problems via an output device connected to the vehicle, and

communicate with one or more systems that relate to resolving the one or more problems with the vehicle and that relate to providing an estimated cost for the scheduling the service for the vehicle,

wherein the one or more processors are part of the telematics control unit or are separate from the telematics control unit. [Kuzunuki, Figure 1 shows a distributed system where each of components (10 or 30) that are communicating with the "speech portal server 50" and the "ASPs 60" includes a processor inherently.]

Kuzunuki inherently includes a parser when it recognizes natural and continuous speech based on probability of one word following another. However, for completeness, a secondary reference that expressly teaches a parser is cited.

Arnold teaches:

execute a parser that identifies a telematics **domain from the recognized one or more words or phrases of the natural language utterance and formulates a request based on the** telematics **domain**; and [Arnold, teaches the parsing of the NL query and also teaches formulating a database query based on the user NL query: Figure 21, "speech recognizer 2102." Col. 41, lines 1-2. Figure 4, "natural language question parser" as part of the "user interaction module 406." Figure 15: "First, the user submits a natural language query to the system 1100 (step 1502). As discussed earlier, an exemplary natural language query can be "Tell me about joint ventures involving SBC in the Communications Services Sector" or "Did Barnes & Noble buy anyone this

year?" The natural language query is **parsed** by the natural language user interface 1110. A variety of natural language parsers can be used. … The output from executing the query grammar files is used to *generate database queries* with one or more search parameters *corresponding to the natural language queries*." Col 17, line 57-Col. 18, Lines 3. Arnold teaches identifying the topic of the query: "Once the system 1100 receives a natural language query from the user, natural language rules are applied to understand the specific goals of the question: the topic area, the type of information sought, and any specific constraints (step 1504)." Col. 18, Lines 16-20. Figure 11, "the query and reply front end 1120" and the "communication engine 1112." "The query and reply front end 1120 converts user queries, which can be natural language queries, or search terms, into an internal query format and submits the query to the information extraction and query engine 1104." Col. 13, Lines 29-33. "The communication engine 1112 also receives input from a natural language query user interface 1110." Col. 13, lines 26-27.]

Kuzunuki and Arnold pertain to speech recognition and it would have been obvious to combine the parsing function of Arnold (which is not explicit in Kuzunuki) with the speech recognition of Kuzunuki to obtain a parsed input which could be further processed.

Kuzunuki and Arnold do not teach communicating diagnostic information from a car.

Bennett teaches:

receive diagnostic information that identifies one or more problems with

the vehicle from one or more sensors connected to **the vehicle**, [Bennett, Figure 3, "Referring now to FIG. 3, a more specific embodiment of the communication system 24 in communication with a dealer 30 and manufacturer 32 is shown. The embodiment depicted in FIG. 3 is an example of a customer 46 using the communication system 24 to have his/her automobile **repaired**. …" Col. 7, lines 48-67.]

communicate the one or more problems via an output device connected to the vehicle, and [Bennett, "It should be understood that the customer 46 could communicate with the dealer 30 using any web technology known in the art. For example, the customer 46 could communicate using a computer, a personal digital assistant, a telematics system of an automobile, etc." Excerpted from Col. 7, lines 48-67.]

Bennett suggests:

communicate with one or more systems that relate to resolving the one or more problems with the vehicle and that relate to providing an estimated cost for the scheduling the service for the vehicle, [Bennett, Figures 6-8. "Once communication has been established with the dealer 30, the consumer can schedule an appointment to drop the automobile at the dealer." Col. 7, lines 60-63. See also Col. 10, lines 42-67 regarding the scheduling of a service appointment with a dealer. There is no mention of cost. But discussion of cost if not inherent is suggested by the making of a service appointment.]

Kuzunuki, Arnold, and Bennett pertain to communicating information from a mobile source (car or "handheld mobile devices" of Figure 20 of Arnold) and it would

have been obvious to one of ordinary skill in the art to combine the communication of diagnostic information and scheduling a service appointment that is taught by Bennett with the system of Kuzunuki/Arnold which is used in the context of telematics because the goal of diagnostic information that is gathered by the sensors of Kuzunki system is to remedy the problems diagnosed regarding the car which is done by the system of Bennett. This is as use of a known technique to improve similar devices, methods, or products in the same way. See MPEP 2141, KSR, 550 U.S. at___, 82 USPQ2d at 1396.

Regarding **Claim 101**, **Kuzunuki** teaches:

101. The mobile system of **claim 100, where the one or more systems are related to scheduling service for the vehicle, summoning help to the vehicle over the one or more communication links, or providing medical instructions that address the one or more problems**. [Bennett, Figure 8.]

Claims **102-103** are method claims related to system Claims 100-101 and are rejected under similar rationale.

2. Claims 57 and 72 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kuzunuki and Arnold and Bennett in view of Sukehiro (2004/0205671).

Regarding **Claim 57**, Kuzunuki/Arnold/Bennett teach a telematics control unit, as applied to Claim 56, but do not teach a multiuser situation with overlapping and interleaved dialogs. **Sukehiro** teaches managing of multiple users in the context of translation requests to translation systems instead of telematics control unit of the

claim. Sukehiro also teaches that the multiple users are served simultaneously (i.e., overlapping/interleaving):

57. The mobile system of claim 56, wherein the one or more processors are configured to execute **an event manager providing a multi-threaded environment for processing a plurality of requests in a plurality of different domains across a plurality of overlapping or interleaved dialogs**, [Sukehiro, Figure 10, "communication control unit 31," "[0110] The machine translation network system 1 in this embodiment is capable of responding to translation requests from multiple users simultaneously. A single paired machine translation system 14 and HTML parser 17 can operate on a time-sharing basis to respond to multiple translation requests simultaneously, for example, or the system may include multiple pairs of these facilities, which respond to separate translation requests simultaneously. In the latter case, multiple translation requests can be handled simultaneously by loading copies of a machine translation program into the main memories of multiple central processing units (CPUs) with which the server 3 is provided." "[0140] The communication control unit 31 (which includes functions of the HTTP daemon 10, log analyzer 11, communication tools 13a, translation processor 13b, and user registration and authentication unit 13d in FIG. 1) controls communication with the browser and input devices and an external Internet facility (not visible) that stores documents, enabling the retrieval and translation server 23 to retrieve documents from the external Internet facility and supply the retrieved documents or translations thereof to the browser and input devices 24." "[0139] The retrieval and translation server 23 retrieves documents and executes various tasks,

including machine translation of the documents. Its component elements include a communication control unit 31, a machine translation unit 32, a dictionary manager 33, a dictionary data base 34, and a terminology incorporator 35."]

wherein the event manager coordinates interaction between the parser and the telematics control unit **to enable the** telematics control unit **to process the request during the overlapping or interleaved dialogs**. [Sukehiro, Figure 1 and Figure 10, "communication control unit 31" in Figure 10 which includes 10, 11, 13a and 13b in Figure 1 is shown in Figure 1 to coordinate between "dictionary manager 33", the "machine translation unit 32" and the "browser and input devices 24". The material input in Sukehiro has to be parsed before it is translated. Sukehiro is translation related instead of telematics related. So, in the combination of prior art pieces, the task done in the context of translation in Sukehiro is combined with the context of telematics from other prior art.]

Sukehiro is directed to natural language processing as are Kuzunuki and Arnold and the combination of Kuzunuki/Arnold/Bennett and it would have been obvious to combine the multi-user capability of Sukehiro that is used in the context of machine translation with the telematics control of Kuzunuki/Arnold/Bennett to arrive at the "event manager" of the claim as use of a known technique to improve similar devices, methods, or products in the same way. See MPEP 2141, KSR, 550 U.S. at___, 82 USPQ2d at 1396.

Apparatus Claim 57 and method **Claim 72** are related as apparatus and the method of using same, with each claimed element's function corresponding to the

claimed method step. Accordingly the method Claim 72 is similarly rejected under the same rationale as applied above with respect to the corresponding apparatus claim.

3. Claims 58 and 73 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kuzunuki, Arnold, and Bennett in view of Knockeart (U.S. 6,968,311).

Regarding **Claim 58**, Kuzunuki/Arnold/Bennett do not teach what happens in the case of sensing hazardous conditions.

Knockeart teaches:

58. The mobile system of claim 56, **wherein the telematics control unit is configured to determine whether processing the request will create a hazardous condition for the vehicle**. [Knockeart, teaches that telematics requests that are deemed dangerous are rejected: "Device 100 accepts external condition signals 180. Depending on those signals, in some modes of operation device 100 rejects manual inputs. A "switch" 360 in the flowchart in FIG. 3 indicates this selection of modes in which manual input is rejected. For example, in some configurations in which device 100 is integrated in a vehicle (see FIG. 2), manual inputs are rejected when the vehicle speed is too fast for the user to safely use manual inputs and manual input could result in a user being distracted for too long a time at that speed. Note that whether or not manual inputs are accepted may depend on the nature of those inputs. For example, while it may be safe to provide a simple manual input for which the user does not have to take his eyes off the road such a manual input may not be rejected, but a manual input that requires the driver to select from a list or type an input on a numeric or

alphabetic keyboard may be rejected since this would require the driver to potentially unsafely take his eyes off the road.." Col. 4, Lines 47-64.]

Kuzunuki, Arnold and Knockeart are from the art speech and Bennett and Kuzunuki and Knockeart pertain to cars and telematics and it would have been obvious to one of ordinary skill in the art at the time of the invention to combine the telematics related aspects of Knockeart that pertain to hazards of driving with the speech related commands of Kuzunuki/Arnold/Bennett to arrive at a speech driven command/query system that performs a command in view of determining the potential outcome considering the condition of operation of the car as combining prior art elements according to known methods to yield predictable results. See MPEP 2141, KSR, 550 U.S. at___, 82 USPQ2d at 1396.

Apparatus Claim 58 and method **Claim 73** are related as apparatus and the method of using same, with each claimed element's function corresponding to the claimed method step. Accordingly the method Claim 73 is similarly rejected under the same rationale as applied above with respect to the corresponding apparatus claim.

4. Claims 59 and 74 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kuzunuki, Arnold and Bennett and Knockeart in view of Lemelson (2002/0022927).

Regarding **Claim 59**, Knockeart teaches the telematics control unit that prevents certain types of manual input in response to detecting a high speed of travel (Col. 4, lines 46-64). Knockeart is not explicit about what it does in terms of communicating the

hazard to the user other than cutting off his manual input option.

Lemelson teaches:

59. The mobile system of claim 58, wherein the telematics control unit is further configured to:

provide interactive guidance to resolve the hazardous condition via an output device connected to the vehicle, wherein the telematics control unit provides the interactive guidance to resolve the hazardous condition in response to determining that processing the request will create the hazardous condition; and [Lemelson, teaches that an accident situation is determined based on position of the vehicle and other data and is communicated to the driver: " GPS satellite (4) ranging signals (6) received (32) on comm1, and DGPS auxiliary range correction signals and pseudolite carrier phase ambiguity resolution signals (8) from a fixed known earth base station (10) received (34) on comm2, at one of a plurality of vehicles/aircraft/automobiles (2) are computer processed (36) to continuously determine the one's kinematic tracking position on a pathway (14) with centimeter accuracy. That GPS-based position is **communicated** with selected other status information **to each other one of the plurality of vehicles** (2), to the one station (10), and/or to one of a plurality of control centers (16), and the one vehicle receives therefrom each of the others' status information and kinematic tracking position. Objects (22) are detected from all directions (300) by multiple supplemental mechanisms, e.g., video (54), radar/lidar (56), laser and optical scanners. Data and information are computer processed and analyzed (50, 52, 200, 452) in neural networks (132, FIGS. 6-8) in the

one vehicle to identify, rank, and evaluate collision hazards/objects, an expert operating response to which is determined in a fuzzy logic associative memory (484) which generates control signals which actuate a plurality of control systems of the one vehicle in a coordinated manner to maneuver it laterally and longitudinally to avoid each collision hazard, or, for motor vehicles, when a collision is unavoidable, to minimize injury or damage therefrom. The **operator is warned** by a heads up display and other modes and **may override**. An automotive auto-pilot mode is provided." Abstract. See also paragraph 54.]

process the request in response to the computer device receiving an input that manually overrides the hazardous condition determination. [Lemelson, " … The operator is warned by a heads up display and other modes and may **override**. An automotive auto-pilot mode is provided." Abstract. See also paragraph 54.]

Lemelson like the combination Kuzunuki/Arnold/Bennett/Knockeart is directed to telematics and control of vehicles. Accordingly, it would have been obvious to combine Lemelson with the combination to arrive at a device with the added safety feature of accident prevention as use of a known technique to improve similar devices, methods, or products in the same way. See MPEP 2141, KSR, 550 U.S. at___, 82 USPQ2d at 1396.

Apparatus Claim 59 and method **Claim 74** are related as apparatus and the method of using same, with each claimed element's function corresponding to the claimed method step. Accordingly the method Claim 74 is similarly rejected under the same rationale as applied above with respect to the corresponding apparatus claim.

5. Claims 62, 65, 67 and 77, 80, 82, and 98 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kuzunuki, Arnold, and Bennett in view of Obradovichl (7,902,969).

Regarding **Claim 62**, the combination, as applied to Claim 56, teaches the speech controlled telematics control system.

Kuzunuki teaches receiving information from sensors. Col. 6, lines 17-21.

Bennett teaches being involved in an automobile accident. Col. 7, lines 53-55. And teaches handling the problems of the car in the case of an emergency repair situation for the car not the people. Figure 8

The combination of references does not teach all the specifics of this Claim that **Obradovichl** teaches:

62. The mobile system of claim 56, wherein the telematics control unit is configured to:

detect an accident situation from information received from one or more sensors connected to the vehicle; [Obradovichl, Figure 23, "FIG. 23 illustrates a safety routine for determining whether the vehicle would clear an object in its path. Such a safety routine is triggered when one such object is detected, e.g., by detection subsystem 130." Col. 23, Lines 48-51. If it does not clear the object, it will collide with it.]

provide one or more interactive announcements or warnings via an output device connected to the vehicle in response to detecting the accident situation,

receive an input that is in response to the one or more interactive announcements or warnings, the input indicating a nature of the accident situation or a condition of a person in the vehicle; and [Obradovichl, Figure 23 "Processor 103 at step 1915 determines whether the lowest vehicle clearance exceeds the height of the object. If so, the routine comes to an end. Otherwise, processor 103 at step 1918 generates a **warning** to be shown on display 117 and/or **announced** through user interface 119, and instructs the user to either negotiate around the object or stop." Col. 23, Lines 57-65.]

communicate the nature of the accident situation or the condition of the person in the vehicle to emergency personnel over a communications link. [Obradovichl, The scenario presented in Figure 23 does not expressly include a communication to emergency personnel. However, according to the description of Figure 4, the impaired condition of the driver is communicated to the emergency personnel: "Referring to FIG. 4, recorder subsystem 178 is provided for recording data related to the driver's condition and behavior, the vehicle's condition, and the surrounding conditions..... Processor 2303 may communicate the data to a remote location, via communications subsystem 154. The remote location receives the data from which information is derived for use in reports for fleet management, **police**, insurance, and/or other purposes." Col. 6, Lines 41-59. Police constitutes emergency personnel.]

Obradovichl like the combination of references pertains to interaction with motor vehicles and uses speech recognition/synthesis in the process. Accordingly, it would

have been obvious to one of ordinary skill in the art at the time of the invention to combine Obradovich's extensive capabilities with the combination to include the capabilities of Obradovich1 in the telematics control of the combination. Note that Obradovich's "user interface 119" in Figure 1 includes speech recognition and synthesis capability. (Obradovich1, Col. 4, Line 66 to Col. 5, Line 3: "User interface 119 comprises conventional audio circuitry including a microphone, voice recognition circuit, voice synthesizer and speaker to allow communications of verbal commands and audio information with system 100.")

Regarding **Claim 65**, Arnold/Kunuzuki, as applied to Claim 56, teach the speech controlled telematics control system but do not teach the specifics of this claim that Obradovich1 teaches:

65. The mobile system of claim 56, **wherein to process the request in the telematics control unit, the telematics control unit provides interactive guidance for performing one or more maneuvers to operate the vehicle via an output device connected to the vehicle**. [Obradovich1, tells the driver how to maneuver around an object on the road: Figure 23, "Processor 103 at step 1915 determines whether the lowest vehicle clearance exceeds the height of the object. If so, the routine comes to an end. Otherwise, processor 103 at step 1918 generates a warning to be shown on display 117 and/or announced through user interface 119, and instructs the user to either negotiate around the object or stop." Col. 23, Lines 57-65.]

Rationale for combination similar to that provided for Claim 62.

Regarding **Claim 67**, the combination, as applied to Claim 56, teaches the

speech controlled telematics control system but do not teach the specifics of this claim that ObradovichI teaches:

67. The mobile system of claim 56, wherein the telematics control unit is further configured to:

detect that the vehicle is approaching or has exceeded a travel limit for the vehicle; [ObradovichI, Figure 5 includes a situation where the location of the driver at time t may be determined. From this information it can be detected whether the driver has exceeded a travel limit: "It should be realized that additional data can be analyzed when determining the context of the driver's situation at time t. For example, navigation data from vehicle control subsystem 121 can be used to determine the vehicle's location at time t and indicate whether the driver was on course at that time." Col. 7, Lines 21-26.]

provide interactive guidance for returning to the travel limit via an output device connected to the vehicle in response to detecting that the vehicle is approaching or has exceeded the travel limit; and [ObradovichI, "When the user utilizes navigation system 205 to request instructions for a given destination, the user is elicited for information concerning the destination, any intermediate stops, etc. Such elicitation is realized by posing questions on display 117 and/or by uttering those questions using a synthesized voice through the speaker in user interface 119. The user then provides verbal responses (or commands) to such questions through the microphone in same. Relying on the aforementioned speech recognition circuitry, navigation system 205 recognizes and registers the responses. Using stored map

information, system 205 then provides on display 117 a suggested route leading to the destination. Furthermore, based on the knowledge of the vehicle's instantaneous speeds and directions, system 205 is capable of verbally and visually directing the user to the destination." Col. 5, Lines 39-53. Part of directing the user to the destination is telling the user where he has arrived or has past the destination.]

determine whether to extend the travel limit. [Obradovichl, Col. 5, Lines 39-53, provided above. The user can provide verbal commands to the navigation system. The user can provide a new destination which would be equivalent to extending the travel limit.]

Rationale for combination similar to that provided for Claim 62.

Apparatus Claims 62, 65, and 67 and method **Claims 77, 80, and 82** are related as apparatus and the method of using same, with each claimed element's function corresponding to the claimed method step. Accordingly the method Claims 77, 80 and 82 are similarly rejected under the same rationale as applied above with respect to the corresponding apparatus claim.

Regarding **Claim 98**, the combination of references, as applied to Claim 56, teaches the speech controlled telematics control system but do not teach the fatigue aspects that **Obradovichl** teaches:

98. (New) The mobile system of claim 56**, wherein the system is configured to receive an indication of fatigue of a user of the vehicle and to initiate a dialog to determine the user's fatigue level**. [Obradovichl "Thus, in accordance with an aspect of the invention, system 100 includes driver condition subsystem 123 to provide

information concerning the physical condition and cognitive state of the user handling the vehicle. Referring to FIG. 3, subsystem 123 comprises cognitive measuring system 303 for measuring the user's alertness, which may be adversely affected by illness, extreme **fatigue**, abnormal stress, medication or alcohol. For example, to determine whether the user is alert enough to drive, when the user attempts to start the subject vehicle, system 303 causes different colors in random order to be shown one by one on display 117. The user is requested to identify each displayed color via voice recognition or selection of an appropriate choice shown on display 117. If each displayed color is correctly identified, processor 103 causes the vehicle to start."]

Rationale for combination similar to that provided for Claim 62.

6. Claim 96 is rejected under 35 U.S.C. 103(a) as being unpatentable over Kuzunuki, Arnold, and Bennett in view of Obradovichl and Breed (US 2002/0188392).

Regarding Claim 96, the combination, as applied to Claim 62, teaches detecting of an accident and **Breed** teaches:

96. (New) The mobile system of claim 62, **wherein the telematics control unit is configured to communicate medical information associated with the person in the vehicle over the communications link or via an output device in the vehicle**. [Breed, " [0018] The present invention is related to methods and apparatus for sensing and determining the status of occupants in a vehicle prior to, during and/or after an accident or deployment of an airbag and transmitting data relating to the occupants to a

remote facility such as an emergency response station."]

Breed pertains to telematics as does the combination of Kuzunuki/Arnold/Bennett/Obradovichl and it would have been obvious to add the reporting of the situation of the passengers to the medical staff if an accident is sensed considering that the passengers might be incapacitated as combining prior art elements according to known methods to yield predictable results. See MPEP 2141, KSR, 550 U.S. at___, 82 USPQ2d at 1396.

7. Claims 63 and 78 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kuzunuki, Arnold, Bennett and Obradovichl, in view of Odinak (7,406,421).

Regarding **Claim 63**, Obradovichl, as applied to Claim 62, teaches the detection of an emergency situation and establishing communication with the police but is not explicit regarding a voice channel. **Odinak** teaches this feature:

63. The mobile system of claim 62, **wherein to the telematics control unit is configured to establish a voice channel over a communications link to enable communication between the person in the vehicle and the emergency personnel**. [Odinak, Figure 1 shows the components and Figure 5 shows that the user can contact a human operator if he wants to (element 220: "Does the user want to contact a human operator?" and "connect user to the human operator 224." "FIG. 1 shows a system 20, a telematics control unit, within a vehicle that performs the present invention. System 20 includes a user interface 22 having a microphone 24 for capturing the user's voice; a display 26; speakers 28; and an interface entry 30 for allowing the user to perform

various interactive functions. System 20 also includes a processor 32; a global positioning system (GPS) 34 for determining precise vehicle locations; and a communications device 36, such as a cellular modem, for transmitting and receiving wireless information. System 20 is also coupled to receive information from other vehicle systems (not shown), such as a speedometer, an engine, or a braking system."]

Odinak is from the art of speech applied in "a vehicle based telematics control unit" as combination is. It would have been obvious to one of ordinary skill at the time of the invention to combine the capability of Odinak regarding live communication with police and emergency personnel in the case of an emergency where time is of the essence as combining prior art elements according to known methods to yield predictable results. See MPEP 2141, KSR, 550 U.S. at___, 82 USPQ2d at 1396.

Apparatus **Claim 78** and method Claim 63 are related as apparatus and the method of using same, with each claimed element's function corresponding to the claimed method step. Accordingly Claim 78 is similarly rejected under the same rationale as applied above with respect to apparatus Claim 63.

8. Claims 64 and 79 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kuzunuki, Arnold, and Bennett in view of ObradovichII (6,275,231).

Regarding **Claim 64**, Kuzunuki/Arnold/Bennett teach voice recognition in the context of voice controlled devices in telematics but do not address panic and emergency situations. ObradovichII teaches a manual panic/emergency key in a car:

64. The mobile system of claim 56, **wherein to process the request in the**

telematics control unit, the telematics control unit communicates over a communication link an indication that the one or more recognized **words or phrases include at least one predetermined panic word, panic phrase, emergency word, or emergency phrase**. [ObradovichII, Figure 2 has different keys that may activate different operations: "When emergency key 211g is depressed, processor 103 causes emergency options to be displayed on display 205. These options may include police-type emergencies, medical emergencies, mechanical problems, panic measures, etc. For example, upon selection of the police-type emergencies option, the user may be queried whether he/she is a victim. If the user responds affirmatively, processor 103 immediately establishes a phone or modem connection with a police authority to automatically furnish such preliminary information as the identity of the user, description of the vehicle and emergency contacts, which are pre-recorded, along with the current location of the vehicle identified by navigation system 329. If possible, the user may also add, in the communication, the nature of the emergency and current statuses of the user and any passengers. By automatically communicating at least the preliminary information to the proper authority in case of an emergency, the user can be instantly reached and helped." Col. 10, line 66 to Col. 11, Line 16. See also Col. 11, Lines 17-23 for a panic alarm.]

ObradovichII like the combination of references pertains to control of motor vehicles and uses speech recognition/synthesis in the process. Accordingly, it would have been obvious to one of ordinary skill in the art at the time of the invention to combine ObradovichII's panic and emergency features with the combination to address

such situations that are an unfortunate aspect of driving as use of a known technique to improve similar devices, methods, or products in the same way. See MPEP 2141, KSR, 550 U.S. at___, 82 USPQ2d at 1396.

Apparatus Claim 64 and method **Claim 79** are related as apparatus and the method of using same, with each claimed element's function corresponding to the claimed method step. Accordingly Claim 79 is similarly rejected under the same rationale as applied above with respect to apparatus Claim 64.

9. Claims 66 and 81 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kuzunuki, Arnold, and Bennett in view of Obradovichl and Huang (6,362,748).

Regarding **Claim 66**, Kuzunuki/Arnold/Bennett teach the speech controlled telematics system of Claim 56 and **Obradovichl** teaches:

66. The mobile system of claim 56, wherein to process the request in the telematics control unit, the telematics control unit:

provides interactive routing information to coordinate a rendezvous with one or more other vehicles in communication with the vehicle; and [Obradovichl teaches a two-way communication with other vehicles regarding road conditions (“It should be noted that the visibility measurement in the subject vehicle may be broadcast to other nearby vehicles using communications subsystem 154 (described below) so that they can benefit from such a measurement. Indeed, the user of the subject vehicle may be a beneficiary of such visibility information received from another vehicle

traveling in the same local area." Col. 14, lines 42-52. See also Col. 2, Lines 6-17.) This kind of information includes location information of the vehicle that is reporting the data because it has to tell you where on the road the visibility is going to be bad. ObradovichI thus implicitly teaches reporting the location of a car to other cars.]

establishes a voice channel over a communications link to enable communication between a person in the vehicle and one or more people in the other vehicles.

The combination of ObradovichI and Kuzunuki/Arnold/Bennett is obvious under the rationale of Claim 62.

Kuzunuki/Arnold/Bennett and ObradovichI do not expressly teach calling other cars.

Huang teaches this feature:

establishes a voice channel over a communications link to enable communication between a person in the vehicle and one or more people in the other vehicles. [Huang, "The license plate number of a specific vehicle is related to a passcode that is built into a communications reception unit installed in the vehicle. When a driver enters a plate number of the vehicle having the communication reception unit installed, he can communicate with another vehicle. The communication reception unit can receive satellite positioning signals to provide more accurate coordinates to a control center, which can determine the position of the vehicle and send accurate, useful and relevant information to the vehicle." Abstract. "It is thus a primary objective of the invention to provide a system for communicating among vehicles that enables moving vehicles to communicate with each other and can send accurate coordinates to

a control center." Col. 1, Lines 56-60. See also Figure 1 and Col. 4, Lines 50-65.]

Huang pertains to communications from a car and during driving and is thus related to telematics of Kuzunuki/Arnold/Bennett/ObradovichI combinations. It would have been obvious to one of ordinary skill in the art at the time of the invention to combine the cell phone calling capability of Huang with the combination of other references to reduce the danger of diversion of attention during driving as combining prior art elements according to known methods to yield predictable results. See MPEP 2141, KSR, 550 U.S. at___, 82 USPQ2d at 1396.

Apparatus Claim 66 and method **Claim 81** are related as apparatus and the method of using same, with each claimed element's function corresponding to the claimed method step. Accordingly the method Claim 81 is similarly rejected under the same rationale as applied above with respect to the corresponding apparatus claim.

10. Claims 69 and 84 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kuzunuki, Arnold, and Bennett in view of Wolfe (6,877,001).

Regarding **Claim 69**, Kuzunuki/Arnold/Bennett teach the speech enabled telematics system, as applied to Claim 56, but do not teach the speech recognizer with updatable dictionary. **Wolfe** teaches "retrieving documents with spoken queries" and keeps its speech recognition dictionary by updating it using the keywords from previously retrieved results (documents) which correspond to previous spoken queries. This way it has a vocabulary that is not static and yet it is not too large:

69. The mobile system of claim 56**, wherein the speech recognition engine**

recognizes the words or phrases in the natural language utterance using a plurality of dictionary and phrase entries that are dynamically updated based on at least a history of a current dialog and one or more prior dialogs. [Wolfe, Figure 1, "Detect keywords and key phrases and construct vocabulary 200," "Dynamic vocabulary and grammar 151" back to the "speech recognition engine 150." "FIG. 2 is a flow diagram of a method for constructing a dynamic speech recognizer vocabulary for an information retrieval system ...." Col. 3, Lines 17-19. "In addition, an active vocabulary and grammar of the speech recognizer or search engine are dynamically updated with key words and key phrases that are automatically extracted from the documents as they are indexed. In other words, information from the document index is fed back into the recognizer or search engine itself." Col. 3, Lines 1-12.]

Wolfe is related to the art of speech as is the combination of Kuzunuki/Arnold/Bennett and it would have been obvious to one of ordinary skill in the art at the time of the invention to combine the updatable dictionary feature of Wolfe with the combination of Kuzunuki/Arnold/Bennett to provide a dictionary that is not too massive yet applicable. (See, e.g., Wolfe, paragraph 10).

Apparatus Claim 69 and method **Claim 84** are related as apparatus and the method of using same, with each claimed element's function corresponding to the claimed method step. Accordingly the method Claim 84 is similarly rejected under the same rationale as applied above with respect to the corresponding apparatus claim.

11. Claims 70 and 85 are rejected under 35 U.S.C. 103(a) as being unpatentable

over Kuzunuki, Arnold, and Bennett in view of Wolfe and Shen (7,478,036).

Regarding **Claim 70**, Wolfe teaches that the probabilities of the query words are taken into account in the certainty of the recognition results which in turn generates the search results which yield the dynamic dictionary. [Wolfe, "The invention provides a system and method for retrieving documents from a multi-media database using spoken queries. In addition, the invention makes use of document index information in the speech recognition process, and certainty information about the recognition result while searching for matching documents in the database. The certainty information represents the probabilities of possible query words." Col. 3, Lines 24-59.] Wolfe is not as explicit as **Shen** regarding the use of apriori probabilities that is set forth in Shen in a more straight forward manner:

70. The mobile system of claim 69, **wherein the plurality of dictionary and phrase entries are further dynamically updated based on one or more dynamic fuzzy set possibilities or prior probabilities derived from the history of the current dialog and the prior dialogs**. [Shen "C. Filtering out rules may be established based upon prior probabilities. For example, if there is a prior statistic language model derived from standard corpus where we can get Ps(w1 . . . wn), which is the probability of the new extracted word NW=w1 . . . wn, we can calculate Pc(w1 . . . wn) from the current corpus easily. If Pc(w1 . . . wn)/Ps(w1 . . . wn) is large, it means this new word appears relatively more frequently in the current corpus than in standard corpus. So it is a real new word for this domain. Otherwise, it means this new word combinations are common for standard domain also, so not a new word." Col. 6, Lines 25-35.]

Shen is from the same field of speech as the combination is and it would have been obvious to use the prior probability of the terms in the building of the dictionary considering that this is a usual method in the art and would be use of a known technique to improve similar devices, methods, or products in the same way.

Apparatus Claim 70 and method **Claim 85** are related as apparatus and the method of using same, with each claimed element's function corresponding to the claimed method step. Accordingly the method Claim 85 is similarly rejected under the same rationale as applied above with respect to the corresponding apparatus claim.

12. Claim 90 is rejected under 35 U.S.C. 103(a) as being unpatentable over Kuzunuki, Arnold, and Bennett and in view of Kanevsky (6,236,968).

Regarding **Claim 90**, Kuzunuki/Arnold/Bennett teach the speech enabled telematics system, as applied to Claim 89, but do not teach user profile which is taught by **Kanevsky**:

90. The mobile system of claim 89, wherein the user profile includes information related to a user's vehicle type, vehicle location, special vehicle equipment, commonly visited destination, address, place of business, interest, or formatting or presentation preference. [Kanevesky, "In order to produce a pertinent response, the conversational planner 107 stores information about the driver, such as the driver's tastes, hobbies, age, family, etc. in a driver profile module 121." Col. 4, Lines 9-14. "taste" is or includes "interest."]

Kanvesky like Kuzunuki/Arnold/Bennett pertains to telematics and speech and it

would have been obvious to combine the user profile feature of Kanevsky with the combination of Arnold/Kuzunki in order to fine tune the results to the user profile as combining prior art elements according to known methods to yield predictable results. See MPEP 2141, KSR, 550 U.S. at___, 82 USPQ2d at 1396.

13. Claim 97 is rejected under 35 U.S.C. 103(a) as being unpatentable over Kuzunuki and Arnold and Bennett and in view of Talmor (5,913,196).

Regarding **Claim 97**, Kuzunuki/Arnold/Bennett teach the speech enabled telematics system, as applied to Claim 56, but do not teach the authentication which is taught by **Talmor**:

97. The mobile system of claim 56, wherein the system is configured to authenticate a user based on the received natural language utterance and grant vehicle access to the user in response to the authentication. [Talmor, abstract, teaches voice authentication and Col. 1, line 17 teaches that "cars" are one type of "secured-system" that use the voice authentication of Talmor.]

Talmor pertains to the art of speech as does Kuzunuki/Arnold/Bennett and it would have been obvious to combine the voice authentication of Talmor with the system/method of Kuzunuki/Arnold/Bennett to provide secure access to control of the car telematics as use of a known technique to improve similar devices, methods, or products in the same way. See MPEP 2141, KSR, 550 U.S. at___, 82 USPQ2d at 1396.

14. Claims 61 and 76 are rejected as being unpatentable over Kuzunuki, Arnold, Bennett, in view of Breed (2002/0188392) and Obradovichl.

Regarding **Claim 61**, Kuzunuki, Arnold, and Bennett, as applied to Claim 56, teach a mobile system that receives diagnostic information.

Bennett further teaches:

61. The mobile system of claim 56, wherein the one or more systems are related to scheduling service for the vehicle, [Bennett, "Once communication has been established with the dealer 30, the consumer can schedule an appointment to drop the automobile at the dealer." Col. 7, lines 60-63.]

summoning help to the vehicle over one or more communication links,

providing remedial instructions that address the one or more problems.

The combination does not teach summoning help or providing remedial instructions.

Breed teaches:

summoning help to the vehicle over one or more communication links, [Breed, " [0018] The present invention is related to methods and apparatus for sensing and determining the status of occupants in a vehicle prior to, during and/or after an accident or deployment of an airbag and transmitting data relating to the occupants to a remote facility such as an emergency response station."]

Kuzunuki, Arnold, Bennett and Breed pertain to speech or to telematics. The combination of Kuzunuki/Arnold/Bennett pertains to both speech and telematics and it would have been obvious to combine the emergency help feature of Breed which

pertains to cars that have been in accidents with the combination of references use of a known technique to improve similar devices, methods, or products in the same way. See MPEP 2141, KSR, 550 U.S. at___, 82 USPQ2d at 1396.

The combination does not teach providing instructions to fix the car.

Obradovichl teaches:

providing remedial instructions that address the one or more problems, [Obradovichl, teaches remedial instructions: “If the temperature data indicates that the engine is dangerously close to overheating or has overheated, processor 103 may instruct the user to "Pull Over" immediately at a safe location.” Col. 21, Lines 54-57. “At step 1617 processor 103 further instructs the user on how to rectify the condition. For example, instructions such as "Turn on Heater" to assist in cooling down the engine, "Open Windows" to prevent the user from getting too hot inside the car, and "Drive to a Service Station" may be communicated through display 117 and/or user interface 119.” Col. 21, Lines 41-47. “If the alternator is rotating outside the predetermined range, for example, too slowly, then the user is notified that the alternator belt is slipping and should be changed or repaired.” Col. 22, lines 47-50.]

The combination of Kuzunuki/Arnold/Bennett/Breed pertains to both speech and telematics and it would have been obvious to combine the instructions feature of Obradovichl which pertains to cars that have mechanical problems with the combination of references use of a known technique to improve similar devices, methods, or products in the same way. See MPEP 2141, KSR, 550 U.S. at___, 82 USPQ2d at

1396.

Apparatus Claim 61 and method **Claim 76** are related as apparatus and the method of using same, with each claimed element's function corresponding to the claimed method step. Accordingly the method Claims are similarly rejected under the same rationale as applied above with respect to the corresponding apparatus claim.

15. Claims 104, 110-111, and 117 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kuzunuki and Arnold.

Regarding **Claim 104**, **Kuzunuki** teaches:

104. A mobile system for processing natural language utterances, comprising: [Kuzunuki, Figure 1 showing the overall speech processing system.]

one or more processors configured to: [Kuzunuki, Figure 1, and Figures 2-7 that show each component includes a "processing apparatus and web browser" portion.]

receive a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle, [Kuzunuki, Figure 4 showing the "mobile CarPC 10c" having a "MIC 10c4" for receiving speech and Figure 1, showing "mobile CarPC 10c" coupled to the "speech portal server 50."]

execute a speech recognition engine that recognizes one or more words or phrases in the natural language utterance, [Kuzunuki, Figure 1, "speech portal server 50": "The speech portal server 50 recognizes the speech, ….." Col. 5, lines 15-20.]

execute a parser that identifies a telematics domain from the recognized

one or more words or phrases of the natural language utterance and formulates a request based on the telematics domain, [Kuzunuki, "The speech portal server 50 recognizes the speech, applies the command conversion to the content of the speech for converting it into a command and an object to be searched for, and transmits them to an ASP 60 corresponding to the content of the command." Col. 5, lines 15-20. Figure 9 shows both a "connected speech recognition 503a" and a "word speech recognition 503b". Col. 6, line 65 to Col. 7, line 6 and Col 7, lines 14-16. Of the domains that are determined a few pertain to telematics as shown in Figure 1 and the types of ASPs 60.]

wherein the telematics domain is a query and response domain that includes a driving directions domain, and [Kuzunuki, Figure 1, ASP 60a, navigation. Figure 18, Figure 22, Figure 24, Figure 25.]

communicate the request to a telematics control unit that is configured to process the request based on the telematics domain, [Kuzunuki, Figure 1, ASP 60a, navigation. Figure 25 showing "connection request" and communicating of the "command" and the object or query associated with the command and receiving "path information, map information" back.]

wherein the one or more processors are part of the telematics control unit or are separate from the telematics control unit. [Kuzunuki, Figure 1 and Figures 2-7 showing the processors distributed over the system.]

As indicated in the rejection of Claim 56, the fact that Kuzunuki teaches that "Generally, the connected speech recognizing engine uses a recognizing method for

using a transition probability model between words," Col 7, lines 14-16, means that speech is parsed into words.

For completeness Arnold is cited which teaches a "parser" expressly.

Arnold teaches:

execute a parser that identifies a telematics **domain from the recognized one or more words or phrases of the natural language utterance and formulates a request based on the** telematics **domain**; and [Arnold, teaches the parsing of the NL query and also teaches formulating a database query based on the user NL query: Figure 21, "speech recognizer 2102." "… wherein the user inputs the query in natural language." Col. 41, lines 1-2. Figure 4, "natural language question **parser**" as part of the "user interaction module 406." Figure 15: "… The natural language query is **parsed** by the natural language user interface 1110. A variety of natural language parsers can be used. … The output from executing the query grammar files is used to *generate database queries* with one or more search parameters *corresponding to the natural language queries*." Col 17, line 57-Col. 18, Lines 3. Arnold teaches identifying the topic of the query: "Once the system 1100 receives a natural language query from the user, natural language rules are applied to understand the specific goals of the question: the topic area, the type of information sought, and any specific constraints (step 1504)." Col. 18, Lines 16-20. Arnold does not teach the telematics domain as one of its examples.]

Kuzunuki and Arnold pertain to speech recognition and it would have been obvious to combine the parsing function of Arnold (which is not explicit in Kuzunuki) with

the speech recognition of Kuzunuki to obtain a parsed input which could be further processed as use of a known technique to improve similar devices, methods, or products in the same way. See MPEP 2141, KSR, 550 U.S. at___, 82 USPQ2d at 1396.

Regarding **Claim 110**, **Kuzunuki** teaches:

110. A mobile system for processing natural language utterances, comprising: [Kuzunuki, Figure 1.]

one or more processors configured to: [Kuzunuki, Figure 1, and Figures 2-7.]

receive a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle, [Kuzunuki, Figure 4 and Figure 1.]

execute a speech recognition engine that recognizes one or more words or phrases in the natural language utterance, [Kuzunuki, Figure 1, Col. 5, lines 15-20.]

execute a parser that identifies a telematics domain from the recognized one or more words or phrases of the natural language utterance and formulates a request based on the telematics domain, [Kuzunuki, Figure 1, Col. 5, lines 15-20. Figure 9, Col. 6, line 65 to Col. 7, line 6 and Col 7, lines 14-16.]

wherein the telematics domain is a control domain that includes a vehicle entertainment domain, and [Kuzunuki, Figure 1, “music information ASP 60b” and “broadcast program information Asp 60c” both pertain to the entertainment domail.]

communicate the request to a telematics control unit that is configured to process the request based on the telematics domain, [Kuzunuki, Figure 1, ASP 60a, navigation. Figure 25 showing “connection request” and communicating of the

“command" and the object or query associated with the command and receiving "path information, map information" back.]

wherein the one or more processors are part of the telematics control unit or are separate from the telematics control unit. [Kuzunuki, Figure 1 and Figures 2-7 showing the processors distributed over the system.]

As indicated in the rejection of Claim 56, the fact that Kuzunuki teaches that “Generally, the connected speech recognizing engine uses a recognizing method for using a transition probability model between words,” Col 7, lines 14-16, means that speech is parsed into words.

For completeness Arnold is cited which teaches a "parser" expressly.

Arnold teaches:

execute a parser that identifies a telematics **domain from the recognized one or more words or phrases of the natural language utterance and formulates a request based on the** telematics **domain**; and [Arnold, teaches the parsing of the NL query and also teaches formulating a database query based on the user NL query: Figure 21, Col. 41, lines 1-2. Figure 4, Col 17, line 57-Col. 18, Lines 3. Col. 18, Lines 16-20. Arnold does not teach the telematics domain as one of its examples.]

Kuzunuki and Arnold pertain to speech recognition and it would have been obvious to combine the parsing function of Arnold (which is not explicit in Kuzunuki) with the speech recognition of Kuzunuki to obtain a parsed input which could be further processed as use of a known technique to improve similar devices, methods, or products in the same way. See MPEP 2141, KSR, 550 U.S. at___, 82 USPQ2d at

1396.

Claim 111 is a method claim related to apparatus Claim 104 and is rejected under similar rationale.

Claim 117 is a method claim related to apparatus Claim 110 and is rejected under similar rationale.

16. Claims 105 and 112 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kuzunuki and Arnold and further in view of Rigo (U.S. 2002/0049535).

Regarding **Claim 105**, **Kuzunuki** teaches:

105. A mobile system for processing natural language utterances, comprising: [Kuzunuki, Figure 1 showing the overall speech processing system.]

one or more processors configured to: [Kuzunuki, Figure 1, and Figures 2-7 that show each component includes a "processing apparatus and web browser" portion.]

receive a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle, [Kuzunuki, Figure 4 showing the "mobile CarPC 10c" having a "MIC 10c4" for receiving speech and Figure 1, showing "mobile CarPC 10c" coupled to the "speech portal server 50."]

execute a speech recognition engine that recognizes one or more words or phrases in the natural language utterance, [Kuzunuki, Figure 1, "speech portal server 50": "The speech portal server 50 recognizes the speech, ..." Col. 5, lines 15-20.]

execute a parser that identifies a telematics domain from the recognized one or more words or phrases of the natural language utterance and formulates a request based on the telematics domain, [Kuzunuki, "The speech portal server 50 recognizes the speech, applies the command conversion to the content of the speech for converting it into a command and an object to be searched for, and transmits them to an ASP 60 corresponding to the content of the command." Col. 5, lines 15-20. Figure 9 shows both a "connected speech recognition 503a" and a "word speech recognition 503b". Col. 6, line 65 to Col. 7, line 6 and Col 7, lines 14-16. Of the domains that are determined a few pertain to telematics as shown in Figure 1 and the types of ASPs 60.]

wherein the telematics domain is a query and response domain that includes a travel services domain, and [Kuzunuki, Figure 22, "via setting" would include travel services.]

communicate the request to a telematics control unit that is configured to process the request based on the telematics domain, [Kuzunuki, Figure 1, ASP 60a, navigation. Figure 25 showing "connection request" and communicating of the "command" and the object or query associated with the command and receiving "path information, map information" back.]

wherein the one or more processors are part of the telematics control unit or are separate from the telematics control unit. [Kuzunuki, Figure 1 and Figures 2-7 showing the processors distributed over the system.]

As indicated in the rejection of Claim 56, the fact that Kuzunuki teaches that

"Generally, the connected speech recognizing engine uses a recognizing method for using a transition probability model between words," Col 7, lines 14-16, means that speech is parsed into words.

For completeness Arnold is cited which teaches a "parser" expressly.

Arnold teaches:

execute a parser that identifies a telematics **domain from the recognized one or more words or phrases of the natural language utterance and formulates a request based on the** telematics **domain**; and [Arnold, teaches the parsing of the NL query and also teaches formulating a database query based on the user NL query: Figure 21, Col. 41, lines 1-2. Figure 4, Col 17, line 57-Col. 18, Lines 3. Col. 18, Lines 16-20. Arnold does not teach the telematics domain as one of its examples.]

Kuzunuki and Arnold pertain to speech recognition and it would have been obvious to combine the parsing function of Arnold (which is not explicit in Kuzunuki) with the speech recognition of Kuzunuki to obtain a parsed input which could be further processed as use of a known technique to improve similar devices, methods, or products in the same way. See MPEP 2141, KSR, 550 U.S. at___, 82 USPQ2d at 1396.

Via settings of Figure 22 of Kuzunuki would suggest the travel services domain but a reference that is more explicit is provided.

Rigo teaches:

wherein the telematics domain is a query and response domain that includes a travel services domain, and [Rigo, Figure 1, "[0020] The wireless

interactive system can connect the traveler with available services such a lodging, food, automotive repair, medical care, shopping malls, special attractions, or state or national parks. ….”]

Kuzunuki, Arnold and Rigo pertain to speech and the combination of Kuzunuki/Arnold pertains to telematics as does Rigo. It would have been obvious to combine the system of Rigo that provides information regarding services along a travel path with the system of Kuzunuki/Arnold because “The individual motorist can then make the reservation, if desired, from the vehicle. This eliminates the need to make several stops to find last-minute accommodations, and also gives the provider contact with more travelers and thus a higher chance of filling his rooms. Automotive repair services can be selected on the basis of availability, make of automobile, and other information. Maintenance scheduling and preparation of the appropriate work order can be done automatically in the repair service facility's computer. The selection of restaurant can be much broader than what is now available to the motorist traveling through. The motorist will no longer be limited to fast food restaurants located at Interstate Highway exits. It is possible for the motorist to contact a restaurant using this system even while a ways distant, obtain the restaurant's menu information and make reservations if desired, after which the system will provide the motorist with a voice reservation confirmation message. The reservation information will be automatically transmitted to a facility in the restaurant and kitchen, so that the motorist's meal and seat at table will be ready upon his arrival.” (Rigo, paragraph [0020].)

Claim 112 is a method claim related to apparatus Claim 105 and is rejected

under similar rationale.

17. Claims 106-107 and 113-114 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kuzunuki and Arnold and further in view of Odinak (U.S. 7,472,075).

Regarding **Claim 106**, **Kuzunuki** teaches:

106. A mobile system for processing natural language utterances, comprising: [Kuzunuki, Figure 1.]

one or more processors configured to: [Kuzunuki, Figure 1, and Figures 2-7.]

receive a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle, [Kuzunuki, Figure 4 and Figure 1.]

execute a speech recognition engine that recognizes one or more words or phrases in the natural language utterance, [Kuzunuki, Figure 1, Col. 5, lines 15-20.]

execute a parser that identifies a telematics domain from the recognized one or more words or phrases of the natural language utterance and formulates a request based on the telematics domain, [Kuzunuki, Figure 1, Col. 5, lines 15-20. Figure 9, Col. 6, line 65 to Col. 7, line 6 and Col 7, lines 14-16.]

wherein the telematics domain is a query and response domain that includes an entertainment scheduling domain, and [Kuzunuki, Figure 1, "broadcast program information ASP 60c" includes scheduling information inherently. A broadcast without time of broadcast is meaningless.]

communicate the request to a telematics control unit that is configured to process the request based on the telematics domain, [Kuzunuki, Figure 1, ASP 60a,

navigation. Figure 25 showing “connection request” and communicating of the “command" and the object or query associated with the command and receiving "path information, map information" back.]

wherein the one or more processors are part of the telematics control unit or are separate from the telematics control unit. [Kuzunuki, Figure 1 and Figures 2-7 showing the processors distributed over the system.]

As indicated in the rejection of Claim 56, the fact that Kuzunuki teaches that “Generally, the connected speech recognizing engine uses a recognizing method for using a transition probability model between words,” Col 7, lines 14-16, means that speech is parsed into words.

For completeness Arnold is cited which teaches a "parser" expressly.

Arnold teaches:

execute a parser that identifies a telematics **domain from the recognized one or more words or phrases of the natural language utterance and formulates a request based on the** telematics **domain**; and [Arnold, teaches the parsing of the NL query and also teaches formulating a database query based on the user NL query: Figure 21, Col. 41, lines 1-2. Figure 4, Col 17, line 57-Col. 18, Lines 3. Col. 18, Lines 16-20. Arnold does not teach the telematics domain as one of its examples.]

Kuzunuki and Arnold pertain to speech recognition and it would have been obvious to combine the parsing function of Arnold (which is not explicit in Kuzunuki) with the speech recognition of Kuzunuki to obtain a parsed input which could be further processed as use of a known technique to improve similar devices, methods, or

products in the same way. See MPEP 2141, KSR, 550 U.S. at___, 82 USPQ2d at 1396.

"broadcast program information ASP 60c" of Figure 1 of Kuzunuki would inherently teach scheduling information but an additional reference is provided.

Odinak teaches:

wherein the telematics domain is a query and response domain that includes an entertainment scheduling domain, and [Odinak, Figures 1 and 3, "The interactive content is related to broadcasted radio content and the specific circumstances of the user. Main system 22 obtains information related to the broadcasted radio content, such as broadcast time schedule, from the business system." Col. 3, lines 29-34.]

The combination of Kuzunuki/Arnold pertains to telematics as does Odinak. It would have been obvious to combine the system of Odinak that provides broadcast scheduling information with the system of Kuzunuki/Arnold because telematics helps locate the vehicle and "The main system determines what interactive content to send based on the radio station the motorist is listening to, and where to send the interactive content based on the vehicle's location." (Odinak, Col. 3, lines 34-37.)

Regarding **Claim 107**, **Kuzunuki** teaches:

107. A mobile system for processing natural language utterances, comprising: [Kuzunuki, Figure 1.]

one or more processors configured to: [Kuzunuki, Figure 1, and Figures 2-7.]

receive a natural language utterance at a speech unit operatively coupled

to a computer device in a vehicle, [Kuzunuki, Figure 4 and Figure 1.]

execute a speech recognition engine that recognizes one or more words or phrases in the natural language utterance, [Kuzunuki, Figure 1, Col. 5, lines 15-20.]

execute a parser that identifies a telematics domain from the recognized one or more words or phrases of the natural language utterance and formulates a request based on the telematics domain, [Kuzunuki, Figure 1, Col. 5, lines 15-20. Figure 9, Col. 6, line 65 to Col. 7, line 6 and Col 7, lines 14-16.]

wherein the telematics domain is a query and response domain that includes an location-based marketing domain, and

communicate the request to a telematics control unit that is configured to process the request based on the telematics domain, [Kuzunuki, Figure 1, ASP 60a, navigation. Figure 25 showing “connection request” and communicating of the “command" and the object or query associated with the command and receiving "path information, map information" back.]

wherein the one or more processors are part of the telematics control unit or are separate from the telematics control unit. [Kuzunuki, Figure 1 and Figures 2-7 showing the processors distributed over the system.]

As indicated in the rejection of Claim 56, the fact that Kuzunuki teaches that “Generally, the connected speech recognizing engine uses a recognizing method for using a transition probability model between words,” Col 7, lines 14-16, means that speech is parsed into words.

For completeness Arnold is cited which teaches a "parser" expressly.

Arnold teaches:

execute a parser that identifies a telematics **domain from the recognized one or more words or phrases of the natural language utterance and formulates a request based on the** telematics **domain**; and [Arnold, teaches the parsing of the NL query and also teaches formulating a database query based on the user NL query: Figure 21, Col. 41, lines 1-2. Figure 4, Col 17, line 57-Col. 18, Lines 3. Col. 18, Lines 16-20. Arnold does not teach the telematics domain as one of its examples.]

Kuzunuki and Arnold pertain to speech recognition and it would have been obvious to combine the parsing function of Arnold (which is not explicit in Kuzunuki) with the speech recognition of Kuzunuki to obtain a parsed input which could be further processed as use of a known technique to improve similar devices, methods, or products in the same way. See MPEP 2141, KSR, 550 U.S. at___, 82 USPQ2d at 1396.

Kuzunuki and Arnold do not teach a marketing domain.

Odinak teaches:

wherein the telematics domain is a query and response domain that includes an location-based marketing domain, and [Odinak, Figure 1, "Business server 20" and Figure 3, monetary transactions of 68. Figure 2 and “Main system 22 generates interactive content for use by the user at the vehicle. The interactive content can include a wide variety of information including, for example, product information. The main system previously receives the interactive content from associated business server 20. Telematic control unit 26 sends the interactive content via gateway 14.

Wireless communication module 34 wirelessly receives the interactive content from gateway 14. Processor 30 presents the received interactive content to the motorist via user interface 38. The content is presented visually, audibly, or using a combination of both. Using telematic control unit 26, **the user can select from the offered content (products or services)** directly related to the broadcasted radio content." Col. 3, lines 16-28. "The **vehicle location** is checked against the business transaction server to **locate the nearest establishment** associated with the broadcasted content." Col. 4, lines 14-16.]

The combination of Kuzunuki/Arnold pertains to telematics as does Odinak. It would have been obvious to combine the system of Odinak that provides marketing information of, for example, subway sandwich shops based on location of the vehicle with the system of Kuzunuki/Arnold because telematics helps locate the vehicle and "There is a need for a system and method that provides greater flexibility for a user to obtain information and complete transactions related to a wide range of products and services advertised over the radio, for example, food, music, event tickets, and books." (Odinak, Col. 2, lines 39-43.)

Claim 113 is a method claim related to apparatus Claim 106 and is rejected under similar rationale.

Claim 114 is a method claim related to apparatus Claim 107 and is rejected under similar rationale.

18. Claims 108 and 115 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kuzunuki and Arnold and further in view of Heinrich (U.S.

2002/0067839).

Regarding **Claim 108**, **Kuzunuki** teaches:

108. A mobile system for processing natural language utterances, comprising: [Kuzunuki, Figure 1.]

one or more processors configured to: [Kuzunuki, Figure 1, and Figures 2-7.]

receive a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle, [Kuzunuki, Figure 4 and Figure 1.]

execute a speech recognition engine that recognizes one or more words or phrases in the natural language utterance, [Kuzunuki, Figure 1, Col. 5, lines 15-20.]

execute a parser that identifies a telematics domain from the recognized one or more words or phrases of the natural language utterance and formulates a request based on the telematics domain, [Kuzunuki, Figure 1, Col. 5, lines 15-20. Figure 9, Col. 6, line 65 to Col. 7, line 6 and Col 7, lines 14-16.]

wherein the telematics domain is a control domain that includes a vehicle lighting domain, and

communicate the request to a telematics control unit that is configured to process the request based on the telematics domain, [Kuzunuki, Figure 1, ASP 60a, navigation. Figure 25 showing “connection request” and communicating of the “command" and the object or query associated with the command and receiving "path information, map information" back.]

wherein the one or more processors are part of the telematics control unit or are separate from the telematics control unit. [Kuzunuki, Figure 1 and Figures 2-7

showing the processors distributed over the system.]

As indicated in the rejection of Claim 56, the fact that Kuzunuki teaches that "Generally, the connected speech recognizing engine uses a recognizing method for using a transition probability model between words," Col 7, lines 14-16, means that speech is parsed into words.

For completeness Arnold is cited which teaches a "parser" expressly.

Arnold teaches:

execute a parser that identifies a telematics **domain from the recognized one or more words or phrases of the natural language utterance and formulates a request based on the** telematics **domain**; and [Arnold, teaches the parsing of the NL query and also teaches formulating a database query based on the user NL query: Figure 21, Col. 41, lines 1-2. Figure 4, Col 17, line 57-Col. 18, Lines 3. Col. 18, Lines 16-20. Arnold does not teach the telematics domain as one of its examples.]

Kuzunuki and Arnold pertain to speech recognition and it would have been obvious to combine the parsing function of Arnold (which is not explicit in Kuzunuki) with the speech recognition of Kuzunuki to obtain a parsed input which could be further processed as use of a known technique to improve similar devices, methods, or products in the same way. See MPEP 2141, KSR, 550 U.S. at___, 82 USPQ2d at 1396.

Kuzunuki and Arnold do not teach lighting control.

Heinrich teaches:

wherein the telematics domain is a control domain that includes a vehicle

lighting domain, and [Heinrich, "With wireless voice activation and recognition car system you're able to control all units and electronic devices in a car on command like the temperature, phone, radio, doors, windows, seat belts, all lights, DVD, screens, speakers, CD audio, CD-ROM, engine, cruise control, speed, and etc." Abstract.]

The combination of Kuzunuki/Arnold pertains to speech and telematics as does Heinrich which teaches a voice activated control system for a car. It would have been obvious to combine the system of Heinrich that provides voice activated control of lights, doors, etc. with the system of Kuzunuki/Arnold that uses telematics for several other purposes because it would provide for hands free operation of lights, windows, etc.

Claim 115 is a method claim related to apparatus Claim 108 and is rejected under similar rationale.

19. Claims 109 and 116 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kuzunuki and Arnold and further in view of DeLine (U.S. 6,278,377).

Regarding **Claim 109**, **Kuzunuki** teaches:

109. A mobile system for processing natural language utterances, comprising: [Kuzunuki, Figure 1.]

one or more processors configured to: [Kuzunuki, Figure 1, and Figures 2-7.]

receive a natural language utterance at a speech unit operatively coupled to a computer device in a vehicle, [Kuzunuki, Figure 4 and Figure 1.]

execute a speech recognition engine that recognizes one or more words or phrases in the natural language utterance, [Kuzunuki, Figure 1, Col. 5, lines 15-20.]

execute a parser that identifies a telematics domain from the recognized one or more words or phrases of the natural language utterance and formulates a request based on the telematics domain, [Kuzunuki, Figure 1, Col. 5, lines 15-20. Figure 9, Col. 6, line 65 to Col. 7, line 6 and Col 7, lines 14-16.]

wherein the telematics domain is a control domain that includes a windshield wiper control domain, and

communicate the request to a telematics control unit that is configured to process the request based on the telematics domain, [Kuzunuki, Figure 1, ASP 60a, navigation. Figure 25 showing “connection request” and communicating of the “command" and the object or query associated with the command and receiving "path information, map information" back.]

wherein the one or more processors are part of the telematics control unit or are separate from the telematics control unit. [Kuzunuki, Figure 1 and Figures 2-7 showing the processors distributed over the system.]

As indicated in the rejection of Claim 56, the fact that Kuzunuki teaches that “Generally, the connected speech recognizing engine uses a recognizing method for using a transition probability model between words,” Col 7, lines 14-16, means that speech is parsed into words.

For completeness Arnold is cited which teaches a "parser" expressly.

Arnold teaches:

execute a parser that identifies a telematics **domain from the recognized one or more words or phrases of the natural language utterance and formulates a**

request based on the telematics **domain**; and [Arnold, teaches the parsing of the NL query and also teaches formulating a database query based on the user NL query: Figure 21, Col. 41, lines 1-2. Figure 4, Col 17, line 57-Col. 18, Lines 3. Col. 18, Lines 16-20. Arnold does not teach the telematics domain as one of its examples.]

Kuzunuki and Arnold pertain to speech recognition and it would have been obvious to combine the parsing function of Arnold (which is not explicit in Kuzunuki) with the speech recognition of Kuzunuki to obtain a parsed input which could be further processed as use of a known technique to improve similar devices, methods, or products in the same way. See MPEP 2141, KSR, 550 U.S. at___, 82 USPQ2d at 1396.

Kuzunuki and Arnold do not teach voice operation and control of windshield wipers.

DeLine teaches:

wherein the telematics domain is a control domain that includes a windshield wiper control domain, and [Odinak, "Microphone 18 may also function as a receiver for one or more other vehicular functions and controls, such as voice activated headlamps, alarm systems, radios, cruise control, windows, cellular phones, message recorders, pagers, back up aids, windshield wipers, rain sensors and the like." Col. 9, lines 54-60.]

The combination of Kuzunuki/Arnold pertains to telematics and speech as does DeLine. It would have been obvious to combine the system of DeLine that provides voice activated control of various functions within the car with the system of

Kuzunuki/Arnold because voice activation helps hands free operation of the car and "Many vehicles today use hands-free cellular telephones or other communication devices to avoid problems which may arise when a driver of a vehicle has to hold a telephone while driving the vehicle." (DeLine, Col. 1, lines 12-15.)

Claim 116 is a method claim related to apparatus Claim 109 and is rejected under similar rationale.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Hsu (U.S. 7,177,798) teaches a general ordering of parts by a customer but not in the context of telematics and diagnosis of a mechanical problem with the car. ("A typical goal of a natural language interface (NLI) to databases is to allow users to access information stored in databases by articulating questions directly in their natural language such as English. A large number of natural language interfaces have been developed by specialists in computational linguistics and artificial intelligence to achieve this goal. However, they do not seem to be truly "natural". In the context of this research, "truly natural" means any styles of linguistic articulation that a native speaker could understand and use sensibly. Available results tend to require of users using only some well-structured sentence templates and a tightly controlled vocabulary set to articulate queries. These artificial constructs are hardly natural to those who prefer their own choice of vocabulary, phrases, and expressions. Natural articulation goes beyond any fixed design of templates and significant-words dictionary. For example, a user of a

Computer-Integrated Manufacturing database might query the system in any number of ways in a truly natural environment, such as: I have asked you many times and I still have not heard a clear answer. Listen, I would like to know the status of my orders. I want to know what models you have started working on and how many of them are completed. I placed these orders on, I believe, Sep. 9, 1999. Could you please help? Thanks. Step on John Smith's order. I want to know the exact status of all parts he ordered including their descriptions, **prices**, and quantities completed to-date. I understand that you're supposed to deliver it on Feb. 29, 2000. I know I might not have given you all the information you need, but please do your best, anyway. Okay? I'm waiting . . . Just give me everything we have about John Smith and Jim Kowalski; both are our customers. Orders of John Smith Green's orders PZ1 customers." Col. 4, line 49 to Col. 5, line 19.)

Winkler (2009/0307031) teaches ""Presented is a system and method of providing centralized management and analysis of fleet information. The system includes a centralized fleet information management server accessible via a communications network to thin clients. The communications network may be the Internet, and the thin clients are required to have only a web browser application to fully access the functionality of the server. A portable computing device, such as a Windows CE or Palm compatible device, may be used with an installed application program to conduct on-site, off-line inspections. The portable device includes a local database that may be populated with fleet information downloaded from the fleet information management server. Upon completion of the on-site inspection, the data stored in the

local database may be uploaded to the server. The server may be used by thin clients to generate various reports based on the fleet data, including the estimation of operating cost savings." Abstract. Winkler obtains **cost estimates** for operation cost which presumably include repair cost but it is not speech driven.

Funk (2003/065427) teaches **scheduling service** for the vehicle in "[0034] Whatever system analyzes Data 36 may respond via Voice Portal 27 to Mobile Unit 28 by Information 37 which may be an instruction to adjust any number of electronically adjustable engine settings (e.g. fuel/air mixture, etc.). Alternatively, another Data Request 35 may be sent to Mobile Unit 28 to obtain more information. Result 32 sent from the analytical system may indicate that a professional service is necessary. Result 32 may also indicate a priority consisting of either immediate service required, service this week, or service this month. Additionally, Voice Portal 27 may choose a service center based on the priority of the service and a proximity to the current location if the service is immediately necessary, or may start an inquiry with User 29 concerning scheduling a service later in the week. After Dialogue 31 obtains a target service time, Voice Portal 27 may again access the Internet or other network to schedule the service. After scheduling the service, Voice Portal 27 may communicate the scheduled time to Mobile Unit 28 in the form of Result 32 over Data Channel 34, which may in turn inform User 27 as well as set a reminder to remind User 27 on the day of the schedule service and/or within a prescribed time before the service."

Breed (2002/0188392) teaches summoning help to the vehicle over one or more communication links, in "[0018] The present invention is related to methods and

apparatus for sensing and determining the status of occupants in a vehicle prior to, during and/or after an accident or deployment of an airbag and transmitting data relating to the occupants to a remote facility such as an emergency response station."

Obradovichl (7,902,969) teaches providing remedial instructions that address the one or more problems, in: "If the temperature data indicates that the engine is dangerously close to overheating or has overheated, processor 103 may instruct the user to "Pull Over" immediately at a safe location." Col. 21, Lines 54-57. "At step 1617 processor 103 further instructs the user on how to rectify the condition. For example, instructions such as "Turn on Heater" to assist in cooling down the engine, "Open Windows" to prevent the user from getting too hot inside the car, and "Drive to a Service Station" may be communicated through display 117 and/or user interface 119." Col. 21, Lines 41-47. "If the alternator is rotating outside the predetermined range, for example, too slowly, then the user is notified that the alternator belt is slipping and should be changed or repaired." Col. 22, lines 47-50.

ObradovichIII (6,754,485) teaches an alternative to the OnStar service that uses a car email (C-mail) instead of a cell phone that is used by OnStar and provides interactive information to the driver based on GPS data of the car. (Col. 1, Lines 64-67. Col. 4, Lines 33-36. Col. 12, Lines 4-17. Col. 11, Lines 10-13.

Pryor (2009/0273563, priority 2000**)** "[0148] … o. Preventive maintenance screen, with data, predicted service times, and even camera images of key parts of vehicle such as wheels, engine, etc. …" teaches providing the service schedule to the driver on a screen but not the actual scheduling.

Coffman (U.S. 2009/0313026, priority 1999**)** teaches the use of context in determining to which device a command is directed: "[0174] When a user interacts with the collection of devices, the interaction may always be via a central unit such as a PVA (personal vehicle assistant) 710 in a car, or a speech browser 713. The task dispatcher and context stack accumulates the contexts associated to all the devices and will parse and dispatch commands to each device accordingly. If the user interacts with the entire collection of devices, then a device is always active (the last activated context). This devices check if a new command fits its context stack. If not, it passes to a neighboring device that becomes active. The process is iterated until a match is found, and possibly confirmed by the user, or the request bounces back to the first device. In that case, an error or confusion message is returned to the user." And also "The conversational arguments allow a dialog engine to estimate the relevance of a new query by the NLU engine, based on the current state and context."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to FARIBA SIRJANI whose telephone number is (571)270-1499. The examiner can normally be reached on Monday through Thursday 9am to 4pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Pierre-Louis Desir can be reached on 571-272-7799. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/FARIBA SIRJANI/
Examiner, Art Unit 2659

/PIERRE-LOUIS DESIR/
Supervisory Patent Examiner, Art Unit 2659

Notice of References Cited	Application/Control No. 12/705,311	Applicant(s)/Patent Under Reexamination KENNEWICK ET AL.	
	Examiner FARIBA SIRJANI	Art Unit 2659	Page 1 of 1

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*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
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*	B	US-2002/0049535 A1	04-2002	Rigo et al.	701/211
*	C	US-2002/0067839 A1	06-2002	Heinrich, Timothy K.	381/110
*	D	US-6,487,494 B2	11-2002	Odinak et al.	701/420
*	E	US-6,636,790 B1	10-2003	Lightner et al.	701/31.5
*	F	US-7,177,798 B2	02-2007	Hsu et al.	704/9
*	G	US-2007/0061735 A1	03-2007	Hoffberg et al.	715/744
*	H	US-2007/0061067 A1	03-2007	Zeinstra et al.	701/200
*	I	US-7,472,075 B2	12-2008	Odinak et al.	705/26.81
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*	L	US-2009/0307031 A1	12-2009	Winkler et al.	705/7
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*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12705311	KENNEWICK ET AL.
	Examiner	**Art Unit**
	FARIBA SIRJANI	2626

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIM		DATE								
Final	Original	11/05/2011	07/24/2012	04/26/2013						
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Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12705311	KENNEWICK ET AL.
	Examiner	**Art Unit**
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CLAIM		DATE								
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	117			✓						

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12705311	KENNEWICK ET AL.
	Examiner	Art Unit
	FARIBA SIRJANI	2626

CPC- SEARCHED		
Symbol	Date	Examiner

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
704	270, 275	11-5-2011	fs

SEARCH NOTES		
Search Notes	Date	Examiner
Inventor search.	11-5-2011	fs
Keyword search of PGPUB, USPAT and Derwent.	11-5-2011	fs
Search advice from M. Opsasnick and J. Wozniak.	11-7-2011	fs
Update inventor search and conduct keyword search.	7-24-2012	fs
Update inventor search and conduct keyword search and receive search advice from P. D. Shah.	4-29-2013	fs

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner
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INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Docket Number	Application Number
	090611-0384800	12/705,311
	Applicant(s)	
	Robert A. KENNEWICK *et al.*	
	Filing Date	Group Art Unit
Form PTO-1449	February 12, 2010	2659

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	1H	6,560,590	05/06/2003	Shwe *et al.*	706	55	
	1I	6,571,279	05/27/2003	Herz *et al.*	709	217	
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	1K	6,704,396	03/09/2004	Parolkar *et al.*	379	88.17	
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EXAMINER	/Fariba Sirjani/	DATE CONSIDERED	04/24/2013

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	090611-0384800	12/705,311
	Applicant(s)	
	Robert A. KENNEWICK *et al.*	
	Filing Date	Group Art Unit
Form PTO-1449	February 12, 2010	2659

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	2B	7,729,916	06/01/2010	Coffman *et al.*	704	270	
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	REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations YES	Translations NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

EXAMINER	/Fariba Sirjani/	DATE CONSIDERED	04/24/2013

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	090611-0384800	12/705,311
	Applicant(s)	
	Robert A. KENNEWICK *et al.*	
	Filing Date	Group Art Unit
Form PTO-1449	February 12, 2010	2659

U.S. PATENT DOCUMENTS

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	3C	2005/0125232	06/09/2005	Gadd	704	270.1	
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	3H	2006/0047509	03/02/2006	Ding *et al.*	704	231	
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	3K	2007/0043868	02/22/2007	Kumar *et al.*	709	226	
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	3O	2007/0146833	06/28/2007	Satomi *et al.*	358	537	
	3P	2007/0162296	07/12/2007	Altberg *et al.*	705	1	
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CONFIRMATION NO. 8125

SERIAL NUMBER	FILING or 371(c) DATE RULE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
12/705,311	02/12/2010	704	2659	090611-0384800

APPLICANTS

Robert A. Kennewick, Seattle, WA;
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Michael R. Kennewick JR., Bellevue, WA;
Richard Kennewick, Woodinville, WA;
Tom Freeman, Mercer Island, WA;
Stephen F. Elston, Seattle, WA;

**** CONTINUING DATA ***************************

This application is a CON of 10/618,633 07/15/2003 PAT 7693720
which claims benefit of 60/395,615 07/15/2002

**** FOREIGN APPLICATIONS ***************************

**** IF REQUIRED, FOREIGN FILING LICENSE GRANTED **** ** SMALL ENTITY **
02/25/2010

Foreign Priority claimed	35 USC 119(a-d) conditions met	Verified and Acknowledged	Met after Allowance	STATE OR COUNTRY	SHEETS DRAWINGS	TOTAL CLAIMS	INDEPENDENT CLAIMS
❑ Yes ☑ No	❑ Yes ❑ No	/FARIBA SIRJANI/ Examiner's Signature	❑ Initials	WA	6	30	2

ADDRESS

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PO Box 10500
McLean, VA 22102
UNITED STATES

TITLE

MOBILE SYSTEMS AND METHODS FOR RESPONDING TO NATURAL LANGUAGE SPEECH UTTERANCE

FILING FEE RECEIVED	FEES: Authority has been given in Paper	
3545	No._____ to charge/credit DEPOSIT ACCOUNT No._____ for following:	❑ All Fees ❑ 1.16 Fees (Filing) ❑ 1.17 Fees (Processing Ext. of time) ❑ 1.18 Fees (Issue) ❑ Other _____ ❑ Credit

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EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
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S2	35	Kennewick.in. near robert	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/05 13:25
S3	5	Kennewick.in. near michael	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/05 13:25
S4	17	Kennewick.in. near richard	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/05 13:26
S5	91	locke.in. near david	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/05 13:26
S6	19	freeman.in. near tom	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/05 13:26
S7	12	elston.in. near stephen	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/05 13:26
S8	1	S2 and S3 and S4 and S5 and S6 and S7	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/05 13:26
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S11	9	("7693720").URPN.	USPAT	OR	ON	2011/11/05 13:27
S12	187	("20010041980" | "20020049805" | "20020065568" | "20020082911" | "20020120609" | "20020124050" | "20020143535" | "20020188602" | "20020198714" | "20030014261" | "20030112267" | "20030182132" | "20040025115" | "20040044516" | "20040166832" | "20040199375" | "20050021334" | "20050021826" | "20050033574" | "20050114116" | "20050246174" | "20070033005" | "20070038436" | "20070050191" | "20080091406" | "20080103761" | "20080115163" | "20080133215" |	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/05 13:27

		"20090117885" | "20090144271" | "4430669" | "5155743" | "5274560" | "5377350" | "5386556" | "5424947" | "5471318" | "5475733" | "5499289" | "5500920" | "5517560" | "5533108" | "5537436" | "5539744" | "5557667" | "5563937" | "5590039" | "5617407" | "5633922" | "5675629" | "5696965" | "5708422" | "5721938" | "5722084" | "5742763" | "5752052" | "5754784" | "5761631" | "5774859" | "5794050" | "5797112" | "5799276" | "5802510" | "5832221" | "5878385" | "5878386" | "5892813" | "5895466" | "5902347" | "5911120" | "5918222" | "5926784" | "5933822" | "5953393" | "5963894" | "5963940" | "5987404" | "5991721" | "5995119" | "6009382" | "6014559" | "6021384" | "6044347" | "6049602" | "6058187" | "6078886" | "6081774" | "6101241" | "6119087" | "6134235" | "6144667" | "6160883" | "6173279" | "6175858" | "6185535" | "6192110" | "6192338" | "6195634" | "6195651" | "6208972" | "6219346" | "6219643" | "6233556" | "6233559" | "6246981" | "6272455" | "6292767" | "6314402" | "6366886" | "6381535" | "6385646" | "6393428" | "6404878" | "6408272" | "6411810").PN. OR ("6415257" | "6418210" | "6420975" | "6430285" | "6434523" | "6434524" | "6442522" | "6446114" | "6453153" | "6453292" | "6456711" | "6466654" | "6466899" | "6498797" | "6499013" | "6501833" | "6501834" | "6513006" | "6523061" | "6532444" | "6539348" | "6553372" | "6556970" | "6556973" | "6560576" | "6567778" | "6567797" | "6570555" | "6570964" | "6574597" | "6574624" | "6594257" | "6598018" | "6604077" | "6611692" | "6614773" | "6615172" | "6629066" | "6631346" | "6643620" | "6650747" | "6691151" | "6721001" | "6721706" | "6735592" | "6741931" | "6742021" | "6757718" | "6795808" | "6833848" | "6865481" | "6877134" | "6901366" | "6937977" | "6944594" | "6973387" | "6980092" | "6990513" | "6996531" | "7020609" | "7027975" | "7062488" | "7092928" | "7127400" | "7137126" | "7146319" | "7289606" | "7376645" | "7398209" | "7424431" | "7461059" | "7493559").PN.				
S13	187	("20010041980" | "20020049805" | "20020065568" | "20020082911" | "20020120609" | "20020124050" | "20020143535" | "20020188602" | "20020198714" | "20030014261" | "20030112267" | "20030182132" | "20040025115" | "20040044516" | "20040166832" | "20040199375" | "20050021334" | "20050021826" | "20050033574" | "20050114116" |	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/05 13:27

		"20050246174" | "20070033005" | "20070038436" | "20070050191" | "20080091406" | "20080103761" | "20080115163" | "20080133215" | "20090117885" | "20090144271" | "4430669" | "5155743" | "5274560" | "5377350" | "5386556" | "5424947" | "5471318" | "5475733" | "5499289" | "5500920" | "5517560" | "5533108" | "5537436" | "5539744" | "5557667" | "5563937" | "5590039" | "5617407" | "5633922" | "5675629" | "5696965" | "5708422" | "5721938" | "5722084" | "5742763" | "5752052" | "5754784" | "5761631" | "5774859" | "5794050" | "5797112" | "5799276" | "5802510" | "5832221" | "5878385" | "5878386" | "5892813" | "5895466" | "5902347" | "5911120" | "5918222" | "5926784" | "5933822" | "5953393" | "5963894" | "5963940" | "5987404" | "5991721" | "5995119" | "6009382" | "6014559" | "6021384" | "6044347" | "6049602" | "6058187" | "6078886" | "6081774" | "6101241" | "6119087" | "6134235" | "6144667" | "6160883" | "6173279" | "6175858" | "6185535" | "6192110" | "6192338" | "6195634" | "6195651" | "6208972" | "6219346" | "6219643" | "6233556" | "6233559" | "6246981" | "6272455" | "6292767" | "6314402" | "6366886" | "6381535" | "6385646" | "6393428" | "6404878" | "6408272" | "6411810").PN. OR ("6415257" | "6418210" | "6420975" | "6430285" | "6434523" | "6434524" | "6442522" | "6446114" | "6453153" | "6453292" | "6456711" | "6466654" | "6466899" | "6498797" | "6499013" | "6501833" | "6501834" | "6513006" | "6523061" | "6532444" | "6539348" | "6553372" | "6556970" | "6556973" | "6560576" | "6567778" | "6567797" | "6570555" | "6570964" | "6574597" | "6574624" | "6594257" | "6598018" | "6604077" | "6611692" | "6614773" | "6615172" | "6629066" | "6631346" | "6643620" | "6650747" | "6691151" | "6721001" | "6721706" | "6735592" | "6741931" | "6742021" | "6757718" | "6795808" | "6833848" | "6865481" | "6877134" | "6901366" | "6937977" | "6944594" | "6973387" | "6980092" | "6990513" | "6996531" | "7020609" | "7027975" | "7062488" | "7092928" | "7127400" | "7137126" | "7146319" | "7289606" | "7376645" | "7398209" | "7424431" | "7461059" | "7493559").PN.				
S14	196	S11 or S12	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/05 13:28
S15	3	"6615172".pn.	US-PGPUB;	OR	ON	2011/11/07 06:00

			USPAT; DERWENT			
S16	117	"s196" and pars$4	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 06:02
S17	82	"s196" and pars$4 and (GPS telematics navigat$4)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 06:03
S18	2	"7693720".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 06:08
S19	1	S18 and pars$4 and (GPS telematics navigat$4)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 06:08
S20	23	"10/452147"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 06:25
S21	2	"20100145700".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 07:12
S22	2	"7693720".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 09:13
S23	2	"6937977".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 09:41
S24	4263	telematics.ti,abst,bsum,clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:49
S25	140	telematics.ti,abst,bsum,clm. and "704".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:49
S26	1732	telematics.ti,abst,bsum,clm. and (command query)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:50
S27	102	telematics.ti,abst,bsum,clm. and (command query) and "704".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:50
S28	28	telematics.ti,abst,bsum,clm. and (command query) and "704".clas. and safety	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:51
S29	71	telematics.ti,abst,bsum,clm. and (command query) and "704".clas. and (safety hazard$4 emergency panic)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:52

S30	72	telematics.ti,abst,bsum,clm. and (command query warn$4) and "704".clas. and (safety hazard$4 emergency panic)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:53
S31	73	telematics.ti,abst,bsum,clm. and (command query warn$4) and "704".clas. and (safety hazard$4 emergency panic accident)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:53
S32	76	telematics.ti,abst,bsum,clm. and (command query warn$4 sensor) and "704".clas. and (safety hazard$4 emergency panic accident)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:54
S33	77	telematics.ti,abst,bsum,clm. and (command query warn$4 sensor) and "704".clas. and (safety hazard$4 emergency panic accident travel)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:54
S34	6	telematics.ti,abst,bsum,clm. and (command query warn$4 sensor) and "704".clas. and (safety hazard$4 emergency panic accident travel) and ((dialogue interactive convers$4) near5 (history record))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:55
S35	71	telematics.ti,abst,bsum,clm. and (command query warn$4 sensor) and "704".clas. and (safety hazard$4 emergency panic accident travel) not kennewick	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:56
S36	71	telematics.ti,abst,bsum,clm. and (command query warn$4 sensor) and "704".clas. and (safety hazard$4 emergency panic accident travel) not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:56
S37	134	telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 11:18
S38	63	telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not S36	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 11:19
S39	52	telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not S36 not rhoads.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 11:19
S40	105	telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not rhoads.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 12:15
S41	105	telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not rhoads.in. and ay>="2002"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 12:16
S42	105	telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not rhoads.in. and fy>="2002"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 12:17
S43	105	telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not rhoads.in. and fy<="2002"	US-PGPUB; USPAT;	OR	ON	2011/11/07 12:17

			DERWENT			
S44	105	fy<="2002" and telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not rhoads.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 12:17
S45	7	@py<="2002" and telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not rhoads.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 12:32
S46	275	@py<="2002" and telematics.ti,abst,bsum,clm. not kennewick.in. not rhoads.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 14:15
S47	2	09/918,360	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 08:37
S48	275	@py<="2002" and telematics.ti,abst,bsum,clm. not kennewick.in. not rhoads.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 09:20
S49	16	S48 and ((speech voice) near3 (recogni$4)) and mobile	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 09:20
S50	10	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and (telematic$4 onstar on-star) and @py<="2007"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 09:51
S51	846	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and @py<="2007"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 09:51
S52	39	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and (telematic$4 onstar on-star)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 09:51
S53	10	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and (telematic$4 onstar on-star) and @py<="2007"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 13:46
S54	39	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and (telematic$4 onstar on-star)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 13:46
S55	29	S54 not S53	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 13:46
S56	839	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and @py<="2007" not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 13:49
S57	541	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and @py<="2005" not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 13:49

S58	608	(car navig$5 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and @py<="2005" not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 14:15
S59	596	(car navig$5 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and @py<="2005" not kennewick.in. not parry.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 14:22
S60	534	(car navigation navigator vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and @py<="2005" not kennewick.in. not parry.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 14:36
S61	118	(car navigation navigator vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and @py<="2005" not kennewick.in. not parry.in. and (mobile near3 device)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 14:42
S62	2	"7275049".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 14:59
S63	15	("7275049").URPN.	USPAT	OR	ON	2011/11/08 14:59
S64	15	("7275049").URPN.	USPAT	OR	ON	2011/11/08 14:59
S65	10	("20030204492" | "20040162724" | "20040193420" | "5003506" | "5799276" | "6173251" | "6327343" | "6510417" | "6901364" | "7103563").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/08 14:59
S66	10	("20030204492" | "20040162724" | "20040193420" | "5003506" | "5799276" | "6173251" | "6327343" | "6510417" | "6901364" | "7103563").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/08 14:59
S67	25	S64 or S65	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/08 14:59
S68	15	("7275049").URPN.	USPAT	OR	ON	2011/11/09 08:57
S69	10	("20030204492" | "20040162724" | "20040193420" | "5003506" | "5799276" | "6173251" | "6327343" | "6510417" | "6901364" | "7103563").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/09 08:57
S70	24	S68 or S69 not kennewick.in.	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/09 08:57
S71	3	"6901364".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/09 14:16
S72	3	"6910003".pn.	US-PGPUB;	OR	ON	2011/11/09 14:21

			USPAT; DERWENT			
S73	41	(US-20020188392-$ or US-20020175647-$ or US-20020173889-$ or US-20020164973-$ or US-20020151297-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040205671-$ or US-20040199375-$ or US-20040168119-$ or US-20030204492-$).did. or (US-7219063-$ or US-6968311-$ or US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6970935-$ or US-6910003-$ or US-6885734-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-6901364-$ or US-6173251-$).did.	US-PGPUB; USPAT	OR	ON	2011/11/10 07:29
S74	17	S73 and ((multiple several many) near3 (user input entry dialog))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 07:30
S75	12	S73 and ((multiple several many) near3 (user input entry dialog)) and pars$4	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 07:58
S76	2	"6185535".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 09:50
S77	0	704/275.clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 10:27
S78	2577	704/275.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 10:28
S79	1168	704/275.ccls. and @py<="2005"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 10:28
S80	813	704/275.ccls. and @py<="2005"	USPAT	OR	ON	2011/11/10 10:28
S81	5	704/275.ccls. and @py<="2005" and (telematic telematics)	USPAT	OR	ON	2011/11/10 10:28
S82	10	704/275.ccls. and @py<="2005" and (telematic telematics)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 12:36
S83	2	704/275.ccls. and (telematic telematics)	US-	OR	ON	2011/11/10

		and (manual near3 override)	PGPUB; USPAT; DERWENT			12:37
S84	11	704/275.ccls. and (manual near3 override)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 12:37
S85	9	704/275.ccls. and (manual near3 override) not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 12:38
S86	818	704/275.ccls. and (interactive) not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 12:53
S87	316	704/275.ccls. and (interactive) and (car vehicle auto$4) not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 12:54
S88	163	704/275.ccls. and (interactive) and (car vehicle auto$4).ti,abst,bsum,clm. not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 13:48
S89	2	"6185535".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:22
S90	2	"6980092".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:24
S91	2	"20020151297".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:27
S92	2	"6466232".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:33
S93	2	"6108532".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:33
S94	2	"6718187".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:34
S95	2	"6546257".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:35
S96	2	"6405106".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:35
S97	2	"6389278".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:37

S98	2	"20010023397".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 07:16
S99	2	"20060122834".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 07:18
S100	2	"5797116".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 07:38
S101	5	"7302383".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 07:44
S102	5	("20010011217" | "20020165862" | "20030125955" | "6615172" | "6904428").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/11 07:45
S103	6	("7302383").URPN.	USPAT	OR	ON	2011/11/11 08:14
S104	614	calcar	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:14
S105	147	calcar and (car vehicle automobile)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:15
S106	130	calcar and (car vehicle automobile) not polymer	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:15
S107	130	calcar and (car vehicle automobile) not polymer not calcar.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:33
S108	119	calcar and (car vehicle automobile) not polymer and obradovich.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:33
S109	142	(car vehicle automobile) not polymer and obradovich.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:33
S110	178	obradovich.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:33
S111	135	obradovich.in. near michael	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:34
S112	39	obradovich.in. near michael and accident	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:34

S113	100	(obradovich.in. near michael) and (hazard$4 danger$4 accident$4)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 10:18
S114	49	(obradovich.in. near michael) and ((hazard$4 danger$4 accident$4) near3 condition)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 10:19
S115	1	(obradovich.in. near michael) and ((danger$4 accident$4) near3 condition)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 10:34
S116	10	"7,902,969".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 10:51
S117	10	"7902969".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 10:51
S118	10	"7902969".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 10:51
S119	39	obradovich.in. near michael and accident	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 15:43
S120	480134	obradovich.in. near michael and (panic emergency crime)]	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 18:25
S121	125	obradovich.in. near michael and (panic emergency crime)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 18:25
S122	44	obradovich.in. near michael and (panic crime)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 18:26
S123	29	obradovich.in. near michael and (panic crime) not (crime adj area)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 18:26
S124	27	obradovich.in. near michael and (panic crime) not (crime adj (rate area))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 18:27
S125	9	obradovich.in. near michael and ((interactive near5 guidance) (negotiat$4))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 07:03
S126	0	obradovich.in. near michael and ((interactive near5 guidance) (negotiat$4)) not (negotiat$4 adj3 corner)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 07:04
S127	0	obradovich.in. near michael and (interactive near5 guidance)	US-PGPUB; USPAT;	OR	ON	2011/11/12 07:04

			DERWENT			
S128	20	obradovich.in. near michael and onstar	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 07:04
S129	9	obradovich.in. near michael and ((call$4 communicat$4) with (other nearby) with (car vehicle automobile))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 09:10
S130	2290	((call$4 communicat$4) with (other nearby) with (car vehicle automobile))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 09:12
S131	872	((call$4 communicat$4) with (other nearby) with (car vehicle automobile)) and @py<="2005"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 09:12
S132	467	((call$4 communicat$4) with (other nearby) with (car vehicle automobile)) and @py<="2002"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 09:12
S133	75	((call$4 communicat$4) with (other nearby) with (car vehicle automobile)) and @py<="2002" and accident	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 10:12
S134	88	(US-20020188392-$ or US-20020175647-$ or US-20020173889-$ or US-20020164973-$ or US-20020151297-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040205671-$ or US-20040199375-$ or US-20040168119-$ or US-20030204492-$).did. or (US-20100312566-$ or US-20090313026-$ or US-20090216540-$ or US-20060190269-$ or US-20050257174-$ or US-20040215464-$ or US-20030083884-$ or US-20040193426-$ or US-20020022927-$).did. or (US-7219063-$ or US-6968311-$ or US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6970935-$ or US-6910003-$ or US-6885734-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-6901364-$ or US-6173251-$ or US-6839670-$ or US-7406421-$ or US-7920682-$ or US-7801731-$ or US-7769143-$ or US-7426467-$ or US-6411934-$ or US-5812977-$ or US-4797924-$ or US-6108532-$ or US-6405106-$).did. or	US-PGPUB; USPAT	OR	ON	2011/11/12 11:54

		(US-7902969-$ or US-7802198-$ or US-7748021-$ or US-7741959-$ or US-7739039-$ or US-7702455-$ or US-7656310-$ or US-7650234-$ or US-7593812-$ or US-7561065-$ or US-7535344-$ or US-7522992-$ or US-7499778-$ or US-7461561-$ or US-7475057-$ or US-7417531-$ or US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6405132-$ or US-6401036-$ or US-6370475-$).did.				
S135	2	S134 and wolfe	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 11:54
S136	2	"6877001".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 11:57
S137	7	(fuzzy prior aprior) near3 (probability possibility)with (history near6 dialog speech) with dictionary	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 06:18
S138	2	(fuzzy prior aprior) near3 (probability possibility)with (history near6 dialog speech) with dictionary not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 06:18
S139	26	(fuzzy prior aprior) near3 (probability possibility) with dictionary not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 06:19
S140	2	(fuzzy prior aprior) near3 (probability possibility) and glushnev.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 06:40
S141	22	(fuzzy prior aprior) near3 (probability possibility) and 704/10.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 06:41
S142	25506	((multiple several many) near4 (user speaker)) and ((voice speech) near5 (recogni$4))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 07:32
S143	4513	((multiple several many) near4 (user speaker dialog)) and ((voice speech) near5 (recogni$4)) and "704".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 07:32
S144	48	((multiple several many) near4 (user speaker dialog)) and ((voice speech) near5 (recogni$4)) and "704".clas. and ((overlap$4 simultaneous$4) near4 (dialog))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 07:33
S145	48	((multiple several many) near3 (user speaker dialog)) and ((voice speech) near3 (recogni$4)) and "704".clas. and ((overlap$4 simultaneous$4) near4 (dialog))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 07:39

S146	47	((multiple several many) near3 (user speaker dialog)) and ((voice speech) near3 (recogni$4)) and "704".clas. and ((overlap$4 simultaneous$4) near4 (dialog)) not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 07:39
S147	51	((multiple several many) adj3 (user speaker dialog)) and "704".clas. and ((overlap$4 simultaneous$4) near4 (dialog)) not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 08:01
S148	3	"6910003".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/06 13:40
S149	2	"6910003".pn. and speech	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/06 13:58
S150	98	(US-8195468-$ or US-8155962-$ or US-8150694-$ or US-8145489-$ or US-8144838-$ or US-8140335-$ or US-8140327-$ or US-8131458-$ or US-8112275-$ or US-8082153-$ or US-8078471-$ or US-8078397-$ or US-8073681-$ or US-8073590-$ or US-8069046-$ or US-8060301-$ or US-8015006-$ or US-7983917-$ or US-7953599-$ or US-7949529-$ or US-7917527-$ or US-7917367-$ or US-7912702-$ or US-7873519-$ or US-7844460-$ or US-7831426-$).did. or (US-7818176-$ or US-7809570-$ or US-7805309-$ or US-7729904-$ or US-7725321-$ or US-7725320-$ or US-7725307-$ or US-7702508-$ or US-7698131-$ or US-7693720-$ or US-7672841-$ or US-7657424-$ or US-7647225-$ or US-7640160-$ or US-7634409-$ or US-7624007-$ or US-7620549-$ or US-7599838-$ or US-7590224-$ or US-7567907-$ or US-7555431-$ or US-7502738-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/10 10:27
S151	89	(US-20020188392-$ or US-20020175647-$ or US-20020173889-$ or US-20020164973-$ or US-20020151297-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040205671-$ or US-20040199375-$ or US-20040168119-$ or US-20030204492-$).did. or (US-20100312566-$ or US-20090313026-$ or US-20090216540-$ or US-20060190269-$ or US-20050257174-$	US-PGPUB; USPAT	OR	ON	2012/07/10 10:28

		or US-20040215464-$ or US-20030083884-$ or US-20040193426-$ or US-20020022927-$).did. or (US-7219063-$ or US-6968311-$ or US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6970935-$ or US-6910003-$ or US-6885734-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-6901364-$ or US-6173251-$ or US-6839670-$ or US-7406421-$ or US-7920682-$ or US-7801731-$ or US-7769143-$ or US-7426467-$ or US-6411934-$ or US-5812977-$ or US-4797924-$ or US-6108532-$ or US-6405106-$).did. or (US-7902969-$ or US-7802198-$ or US-7748021-$ or US-7741959-$ or US-7739039-$ or US-7702455-$ or US-7656310-$ or US-7650234-$ or US-7593812-$ or US-7561065-$ or US-7535344-$ or US-7522992-$ or US-7499778-$ or US-7461561-$ or US-7475057-$ or US-7417531-$ or US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6405132-$ or US-6401036-$ or US-6370475-$).did. or (US-7478036-$).did.				
S152	0	S151 and S150	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/10 10:28
S153	289	("20010049601" | "20020015500" | "20020035501" | "20030016835" | "20030110037" | "20030115062" | "20030120493" | "20030144846" | "20030158731" | "20030206640" | "20030212550" | "20040098245" | "20040167771" | "20050137877" | "20050143994" | "20070033020" | "20070073544" | "20070118357" | "20080065386" | "20080140385" | "20090216540" | "20090271194" | "20110112827" | "20110112921" | "20110131036" | "20110131045" | "20110231182" | "20110231188" | "20120022857" | "20120101809" | "20120101810" | "20120109753" | "5027406" | "5060367" | "5208748" | "5357596" | "5577165" | "5608635" | "5740256" | "5748974" | "5839107" | "5897613" | "5960397" | "5960399" | "5960447" | "5995928" | "6018708" | "6035267" | "6049607" | "6067513" | "6085186" | "6108631" | "6167377" | "6173266" | "6188982" | "6208964" | "6233561" | "6266636" | "6269336" | "6278968" | "6366882" | "6377913" | "6397181" | "6405170" | "6429813" | "6510417" | "6522746" | "6549629" | "6587858" | "6594367" | "6606598" |	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/10 10:41

		"6622119" | "6633846" | "6681206" | "6701294" | "6704708" | "6751612" | "6757544" | "6832230" | "6868380" | "6912498" | "6934756" | "6954755" | "6959276" | "6975993" | "6983055" | "7003463" | "7024364" | "7035415" | "7043425" | "7054817" | "7058890" | "7069220" | "7072834" | "7107210" | "7110951" | "7143037" | "7165028" | "7184957" | "7197069" | "7206418" | "7207011" | "7236923" | "7277854" | "7305381" | "7328155" | "7337116" | "7366669" | "7415414" | "7447635" | "7472020" | "7472060" | "7493259" | "7516076" | "7536297" | "7536374" | "7558730" | "7574362" | "7577244" | "7606708" | "7676365" | "7676369" | "7729918" | "7788084" | "7831433" | "7873523" | "7917367" | "7949529" | "7949537" | "7983917" | "8015006" | "8069046" | "8073681" | "8086463" | "8112275" | "8140327" | "8140335" | "8145489" | "8150694" | "8155962").PN.				
S154	140	("20010049601" | "20020015500" | "20020035501" | "20030016835" | "20030110037" | "20030115062" | "20030120493" | "20030144846" | "20030158731" | "20030206640" | "20030212550" | "20040098245" | "20040167771" | "20050137877" | "20050143994" | "20070033020" | "20070073544" | "20070118357" | "20080065386" | "20080140385" | "20090216540" | "20090271194" | "20110112827" | "20110112921" | "20110131036" | "20110131045" | "20110231182" | "20110231188" | "20120022857" | "20120101809" | "20120101810" | "20120109753" | "5027406" | "5060367" | "5208748" | "5357596" | "5577165" | "5608635" | "5740256" | "5748974" | "5839107" | "5897613" | "5960397" | "5960399" | "5960447" | "5995928" | "6018708" | "6035267" | "6049607" | "6067513" | "6085186" | "6108631" | "6167377" | "6173266" | "6188982" | "6208964" | "6233561" | "6266636" | "6269336" | "6278968" | "6366882" | "6377913" | "6397181" | "6405170" | "6429813" | "6510417" | "6522746" | "6549629" | "6587858" | "6594367" | "6606598" | "6622119" | "6633846" | "6681206" | "6701294" | "6704708" | "6751612" | "6757544" | "6832230" | "6868380" | "6912498" | "6934756" | "6954755" | "6959276" | "6975993" | "6983055" | "7003463" | "7024364" | "7035415" | "7043425" | "7054817" | "7058890" | "7069220" | "7072834" | "7107210" | "7110951" | "7143037" | "7165028" | "7184957" | "7197069" | "7206418" | "7207011" | "7236923" | "7277854" |	US-PGPUB; USPAT	OR	ON	2012/07/10 10:42

		"7305381" | "7328155" | "7337116" | "7366669" | "7415414" | "7447635" | "7472020" | "7472060" | "7493259" | "7516076" | "7536297" | "7536374" | "7558730" | "7574362" | "7577244" | "7606708" | "7676365" | "7676369" | "7729918" | "7788084" | "7831433" | "7873523" | "7917367" | "7949529" | "7949537" | "7983917" | "8015006" | "8069046" | "8073681" | "8086463" | "8112275" | "8140327" | "8140335" | "8145489" | "8150694" | "8155962").PN.				
S155	0	S150 and S151 and S154	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/10 10:48
S156	264	S150 S151 S154	US-PGPUB; USPAT	OR	ON	2012/07/10 10:48
S157	140	("20010049601" | "20020015500" | "20020035501" | "20030016835" | "20030110037" | "20030115062" | "20030120493" | "20030144846" | "20030158731" | "20030206640" | "20030212550" | "20040098245" | "20040167771" | "20050137877" | "20050143994" | "20070033020" | "20070073544" | "20070118357" | "20080065386" | "20080140385" | "20090216540" | "20090271194" | "20110112827" | "20110112921" | "20110131036" | "20110131045" | "20110231182" | "20110231188" | "20120022857" | "20120101809" | "20120101810" | "20120109753" | "5027406" | "5060367" | "5208748" | "5357596" | "5577165" | "5608635" | "5740256" | "5748974" | "5839107" | "5897613" | "5960397" | "5960399" | "5960447" | "5995928" | "6018708" | "6035267" | "6049607" | "6067513" | "6085186" | "6108631" | "6167377" | "6173266" | "6188982" | "6208964" | "6233561" | "6266636" | "6269336" | "6278968" | "6366882" | "6377913" | "6397181" | "6405170" | "6429813" | "6510417" | "6522746" | "6549629" | "6587858" | "6594367" | "6606598" | "6622119" | "6633846" | "6681206" | "6701294" | "6704708" | "6751612" | "6757544" | "6832230" | "6868380" | "6912498" | "6934756" | "6954755" | "6959276" | "6975993" | "6983055" | "7003463" | "7024364" | "7035415" | "7043425" | "7054817" | "7058890" | "7069220" | "7072834" | "7107210" | "7110951" | "7143037" | "7165028" | "7184957" | "7197069" | "7206418" | "7207011" | "7236923" | "7277854" | "7305381" | "7328155" | "7337116" | "7366669" | "7415414" | "7447635" | "7472020" | "7472060" | "7493259" |	US-PGPUB; USPAT	OR	ON	2012/07/10 12:30

		"7516076" | "7536297" | "7536374" | "7558730" | "7574362" | "7577244" | "7606708" | "7676365" | "7676369" | "7729918" | "7788084" | "7831433" | "7873523" | "7917367" | "7949529" | "7949537" | "7983917" | "8015006" | "8069046" | "8073681" | "8086463" | "8112275" | "8140327" | "8140335" | "8145489" | "8150694" | "8155962").PN.				
S158	2	"6944593".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/21 13:16
S159	3	"6910003".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/22 10:27
S160	92	("6910003").URPN.	USPAT	OR	ON	2012/07/22 14:38
S161	10	("5434777" | "5742816" | "5748974" | "5895464" | "6038561" | "6446081" | "6510406" | "6578022" | "6601026" | "6745161").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2012/07/22 14:38
S162	102	S160 S161	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/22 14:38
S163	98	S160 S161 and domain	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/22 14:39
S167	16	(US-6745161-$ or US-8170867-$ or US-8219599-$ or US-8155962-$ or US-7953732-$ or US-7873519-$ or US-7831426-$ or US-7542894-$ or US-7321850-$ or US-7299186-$ or US-7283951-$ or US-7190770-$ or US-7107218-$ or US-6601026-$ or US-6578022-$ or US-5895464-$).did.	USPAT	OR	ON	2012/07/22 19:18
S169	289	("20010049601" | "20020015500" | "20020035501" | "20030016835" | "20030110037" | "20030115062" | "20030120493" | "20030144846" | "20030158731" | "20030206640" | "20030212550" | "20040098245" | "20040167771" | "20050137877" | "20050143994" | "20070033020" | "20070073544" | "20070118357" | "20080065386" | "20080140385" | "20090216540" | "20090271194" | "20110112827" | "20110112921" | "20110131036" | "20110131045" | "20110231182" | "20110231188" | "20120022857" | "20120101809" | "20120101810" | "20120109753" | "5027406" | "5060367" | "5208748" | "5357596" | "5577165" | "5608635" | "5740256" | "5748974" | "5839107" | "5897613" | "5960397" | "5960399" | "5960447" | "5995928" | "6018708" |	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 06:38

		"6035267" | "6049607" | "6067513" | "6085186" | "6108631" | "6167377" | "6173266" | "6188982" | "6208964" | "6233561" | "6266636" | "6269336" | "6278968" | "6366882" | "6377913" | "6397181" | "6405170" | "6429813" | "6510417" | "6522746" | "6549629" | "6587858" | "6594367" | "6606598" | "6622119" | "6633846" | "6681206" | "6701294" | "6704708" | "6751612" | "6757544" | "6832230" | "6868380" | "6912498" | "6934756" | "6954755" | "6959276" | "6975993" | "6983055" | "7003463" | "7024364" | "7035415" | "7043425" | "7054817" | "7058890" | "7069220" | "7072834" | "7107210" | "7110951" | "7143037" | "7165028" | "7184957" | "7197069" | "7206418" | "7207011" | "7236923" | "7277854" | "7305381" | "7328155" | "7337116" | "7366669" | "7415414" | "7447635" | "7472020" | "7472060" | "7493259" | "7516076" | "7536297" | "7536374" | "7558730" | "7574362" | "7577244" | "7606708" | "7676365" | "7676369" | "7729918" | "7788084" | "7831433" | "7873523" | "7917367" | "7949529" | "7949537" | "7983917" | "8015006" | "8069046" | "8073681" | "8086463" | "8112275" | "8140327" | "8140335" | "8145489" | "8150694" | "8155962").PN.				
S170	140	("20010049601" | "20020015500" | "20020035501" | "20030016835" | "20030110037" | "20030115062" | "20030120493" | "20030144846" | "20030158731" | "20030206640" | "20030212550" | "20040098245" | "20040167771" | "20050137877" | "20050143994" | "20070033020" | "20070073544" | "20070118357" | "20080065386" | "20080140385" | "20090216540" | "20090271194" | "20110112827" | "20110112921" | "20110131036" | "20110131045" | "20110231182" | "20110231188" | "20120022857" | "20120101809" | "20120101810" | "20120109753" | "5027406" | "5060367" | "5208748" | "5357596" | "5577165" | "5608635" | "5740256" | "5748974" | "5839107" | "5897613" | "5960397" | "5960399" | "5960447" | "5995928" | "6018708" | "6035267" | "6049607" | "6067513" | "6085186" | "6108631" | "6167377" | "6173266" | "6188982" | "6208964" | "6233561" | "6266636" | "6269336" | "6278968" | "6366882" | "6377913" | "6397181" | "6405170" | "6429813" | "6510417" | "6522746" | "6549629" | "6587858" | "6594367" | "6606598" | "6622119" | "6633846" | "6681206" | "6701294" | "6704708" | "6751612" | "6757544" | "6832230" | "6868380" |	US-PGPUB; USPAT	OR	ON	2012/07/23 06:38

		"6912498" | "6934756" | "6954755" | "6959276" | "6975993" | "6983055" | "7003463" | "7024364" | "7035415" | "7043425" | "7054817" | "7058890" | "7069220" | "7072834" | "7107210" | "7110951" | "7143037" | "7165028" | "7184957" | "7197069" | "7206418" | "7207011" | "7236923" | "7277854" | "7305381" | "7328155" | "7337116" | "7366669" | "7415414" | "7447635" | "7472020" | "7472060" | "7493259" | "7516076" | "7536297" | "7536374" | "7558730" | "7574362" | "7577244" | "7606708" | "7676365" | "7676369" | "7729918" | "7788084" | "7831433" | "7873523" | "7917367" | "7949529" | "7949537" | "7983917" | "8015006" | "8069046" | "8073681" | "8086463" | "8112275" | "8140327" | "8140335" | "8145489" | "8150694" | "8155962").PN.				
S171	118	S170 and (command control query)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 06:39
S172	113	(US-20020188392-$ or US-20020175647-$ or US-20020173889-$ or US-20020164973-$ or US-20020151297-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040205671-$ or US-20040199375-$ or US-20040168119-$ or US-20030204492-$).did. or (US-20090313026-$ or US-20090216540-$ or US-20060190269-$ or US-20050257174-$ or US-20040215464-$ or US-20040193426-$ or US-20020022927-$ or US-20030158731-$ or US-20030144846-$ or US-20030120493-$).did. or (US-6968311-$ or US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6970935-$ or US-6910003-$ or US-6885734-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-6901364-$ or US-6173251-$ or US-6839670-$ or US-7920682-$ or US-7769143-$ or US-7426467-$ or US-6411934-$ or US-5812977-$ or US-4797924-$ or US-6108532-$ or US-6405106-$ or US-7902969-$ or US-7802198-$ or US-7748021-$).did. or (US-7741959-$ or US-7739039-$ or US-7702455-$ or US-	US-PGPUB; USPAT	OR	ON	2012/07/23 09:23

		7656310-$ or US-7650234-$ or US-7593812-$ or US-7561065-$ or US-7535344-$ or US-7522992-$ or US-7499778-$ or US-7461561-$ or US-7475057-$ or US-7417531-$ or US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6405132-$ or US-6401036-$ or US-6370475-$ or US-7478036-$ or US-8170867-$ or US-8219599-$).did. or (US-8155962-$ or US-7953732-$ or US-7873519-$ or US-7831426-$ or US-7542894-$ or US-7321850-$ or US-7299186-$ or US-7283951-$ or US-7190770-$ or US-7107218-$ or US-6601026-$ or US-6578022-$ or US-5895464-$ or US-7676365-$ or US-7558730-$ or US-7447635-$ or US-7337116-$ or US-7328155-$ or US-7305381-$ or US-7207011-$ or US-7184957-$ or US-7069220-$ or US-7003463-$ or US-6959276-$).did.				
S173	38	S172 and (hazard$4 danger$4)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 09:24
S174	2	"20020022927".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 09:45
S176	379	("20030212550" | "20040098245" | "20070073544" | "5357596" | "5960447" | "6173266" | "6366882" | "6405170" | "6522746" | "6975993" | "7143037" | "7206418" | "7328155" | "8140335" | "20030212562" | "20090273563" | "7107218" | "7801731" | "7137126" | "7478036" | "20030110037" | "20030115062" | "20050143994" | "20070118357" | "20110112827" | "20120101809" | "5608635" | "5839107" | "5897613" | "6167377" | "6188982" | "6208964" | "6266636" | "6751612" | "6934756" | "7003463" | "7035415" | "7043425" | "7197069" | "8086463" | "8150694" | "6601026" | "7321850" | "7831426" | "7953732" | "8219599" | "20020022927" | "20030204492" | "6275231" | "6754485" | "6968311" | "7902969" | "20020015500" | "20030120493" | "5060367" | "5740256" | "5748974" | "5960397" | "5960399" | "6035267" | "6108631" | "6510417" | "6704708" | "7024364" | "7236923" | "7493259" | "7536297" | "7558730" | "7606708" | "7788084" | "7949529" | "7873519" | "8170867" | "6362748" | "20030016835" | "20050137877" | "20070033020" | "20120109753" | "5208748" |	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 11:01

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S177	113	(US-20020188392-$ or US-20020175647-$ or US-20020173889-$ or US-20020164973-$ or US-20020151297-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040205671-$ or US-20040199375-$ or US-20040168119-$ or US-20030204492-$).did. or (US-20090313026-$ or US-20090216540-$ or US-20060190269-$ or US-20050257174-$ or US-20040215464-$ or US-20040193426-$ or US-20020022927-$ or US-20030158731-$ or US-20030144846-$ or US-20030120493-$).did. or (US-6968311-$	US-PGPUB; USPAT	OR	ON	2012/07/23 11:03

		or US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6970935-$ or US-6910003-$ or US-6885734-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-6901364-$ or US-6173251-$ or US-6839670-$ or US-7920682-$ or US-7769143-$ or US-7426467-$ or US-6411934-$ or US-5812977-$ or US-4797924-$ or US-6108532-$ or US-6405106-$ or US-7902969-$ or US-7802198-$ or US-7748021-$).did. or (US-7741959-$ or US-7739039-$ or US-7702455-$ or US-7656310-$ or US-7650234-$ or US-7593812-$ or US-7561065-$ or US-7535344-$ or US-7522992-$ or US-7499778-$ or US-7461561-$ or US-7475057-$ or US-7417531-$ or US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6405132-$ or US-6401036-$ or US-6370475-$ or US-7478036-$ or US-8170867-$ or US-8219599-$).did. or (US-8155962-$ or US-7953732-$ or US-7873519-$ or US-7831426-$ or US-7542894-$ or US-7321850-$ or US-7299186-$ or US-7283951-$ or US-7190770-$ or US-7107218-$ or US-6601026-$ or US-6578022-$ or US-5895464-$ or US-7676365-$ or US-7558730-$ or US-7447635-$ or US-7337116-$ or US-7328155-$ or US-7305381-$ or US-7207011-$ or US-7184957-$ or US-7069220-$ or US-7003463-$ or US-6959276-$).did.				
S178	453	S176 S177	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 11:03
S179	49	S178 and emergency	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 11:04
S181	379	("20030212550" | "20040098245" | "20070073544" | "5357596" | "5960447" | "6173266" | "6366882" | "6405170" | "6522746" | "6975993" | "7143037" | "7206418" | "7328155" | "8140335" | "20030212562" | "20090273563" | "7107218" | "7801731" | "7137126" | "7478036" | "20030110037" | "20030115062" | "20050143994" | "20070118357" | "20110112827" | "20120101809" | "5608635" | "5839107" | "5897613" | "6167377" | "6188982" | "6208964" | "6266636" | "6751612" | "6934756" | "7003463" | "7035415" | "7043425" | "7197069" | "8086463" | "8150694" | "6601026" | "7321850" | "7831426" |	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 12:50

		"7953732" | "8219599" | "20020022927" | "20030204492" | "6275231" | "6754485" | "6968311" | "7902969" | "20020015500" | "20030120493" | "5060367" | "5740256" | "5748974" | "5960397" | "5960399" | "6035267" | "6108631" | "6510417" | "6704708" | "7024364" | "7236923" | "7493259" | "7536297" | "7558730" | "7606708" | "7788084" | "7949529" | "7873519" | "8170867" | "6362748" | "20030016835" | "20050137877" | "20070033020" | "20120109753" | "5208748" | "6018708" | "6049607" | "6587858" | "6606598" | "6681206" | "7058890" | "7472060" | "7676369" | "8145489" | "20100312566" | "6393403" | "6578022" | "7299186" | "8155962" | "6591239" | "20040167771" | "20110131045" | "6278968" | "6397181" | "6633846" | "6757544" | "6983055" | "7054817" | "7072834" | "7107210" | "7110951" | "7207011" | "7305381" | "7366669" | "7415414" | "7516076" | "7873523" | "20080147410" | "6745161" | "7283951" | "7406421" | "20090216540" | "20110112921" | "20110231182" | "20110231188" | "20120022857" | "5027406" | "5577165" | "6549629" | "6954755" | "6959276" | "7184957" | "7277854" | "7472020" | "7574362" | "7676365" | "7729918" | "7983917" | "8073681" | "8112275" | "8140327" | "8155962" | "5895464" | "7542894" | "20040205671" | "7406421" | "20010049601" | "20020035501" | "20030144846" | "20030158731" | "20080065386" | "20110131036" | "5995928" | "6067513" | "6085186" | "6233561" | "6377913" | "6594367" | "6868380" | "6912498" | "7337116" | "7447635" | "7536374" | "7917367" | "7949537" | "8069046" | "7190770" | "6910003" | "20030206640" | "20080140385" | "20090271194" | "20120101810" | "6269336" | "6429813" | "6622119" | "6701294" | "6832230" | "7069220" | "7165028" | "7577244" | "7831433" | "8015006").PN.				
S182	113	(US-20020188392-$ or US-20020175647-$ or US-20020173889-$ or US-20020164973-$ or US-20020151297-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-	US-PGPUB; USPAT	OR	ON	2012/07/23 12:50

		20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040205671-$ or US-20040199375-$ or US-20040168119-$ or US-20030204492-$).did. or (US-20090313026-$ or US-20090216540-$ or US-20060190269-$ or US-20050257174-$ or US-20040215464-$ or US-20040193426-$ or US-20020022927-$ or US-20030158731-$ or US-20030144846-$ or US-20030120493-$).did. or (US-6968311-$ or US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6970935-$ or US-6910003-$ or US-6885734-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-6901364-$ or US-6173251-$ or US-6839670-$ or US-7920682-$ or US-7769143-$ or US-7426467-$ or US-6411934-$ or US-5812977-$ or US-4797924-$ or US-6108532-$ or US-6405106-$ or US-7902969-$ or US-7802198-$ or US-7748021-$).did. or (US-7741959-$ or US-7739039-$ or US-7702455-$ or US-7656310-$ or US-7650234-$ or US-7593812-$ or US-7561065-$ or US-7535344-$ or US-7522992-$ or US-7499778-$ or US-7461561-$ or US-7475057-$ or US-7417531-$ or US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6405132-$ or US-6401036-$ or US-6370475-$ or US-7478036-$ or US-8170867-$ or US-8219599-$).did. or (US-8155962-$ or US-7953732-$ or US-7873519-$ or US-7831426-$ or US-7542894-$ or US-7321850-$ or US-7299186-$ or US-7283951-$ or US-7190770-$ or US-7107218-$ or US-6601026-$ or US-6578022-$ or US-5895464-$ or US-7676365-$ or US-7558730-$ or US-7447635-$ or US-7337116-$ or US-7328155-$ or US-7305381-$ or US-7207011-$ or US-7184957-$ or US-7069220-$ or US-7003463-$ or US-6959276-$).did.				
S183	453	S181 S182	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 12:50
S184	17	S183 and (emergency and service and cost)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 12:50
S185	1	S183 and (emergency and service and cost and profile and authenti$5)	US-PGPUB; USPAT;	OR	ON	2012/07/23 13:14

			DERWENT			
S186	49	S183 and (emergency)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:15
S187	189	S183 and (service)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:15
S188	61	S183 and (cost and service)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:16
S189	54	S183 and ((user near profile))	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:16
S190	20	S183 and (authenti$5)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:16
S191	41	S186 and S187	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:16
S192	17	S186 and S187 and S188	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:17
S193	2	S186 and S187 and S188 and S189	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:17
S194	3	S186 and S187 and S188 and S190	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:17
S195	14	S192 not S194	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:24
S196	379	("20030212550" | "20040098245" | "20070073544" | "5357596" | "5960447" | "6173266" | "6366882" | "6405170" | "6522746" | "6975993" | "7143037" | "7206418" | "7328155" | "8140335" | "20030212562" | "20090273563" | "7107218" | "7801731" | "7137126" | "7478036" | "20030110037" | "20030115062" | "20050143994" | "20070118357" | "20110112827" | "20120101809" | "5608635" | "5839107" | "5897613" | "6167377" | "6188982" | "6208964" | "6266636" | "6751612" | "6934756" | "7003463" | "7035415" | "7043425" | "7197069" | "8086463" | "8150694" | "6601026" | "7321850" | "7831426" | "7953732" | "8219599" | "20020022927" | "20030204492" |	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 14:54

		"6275231" | "6754485" | "6968311" | "7902969" | "20020015500" | "20030120493" | "5060367" | "5740256" | "5748974" | "5960397" | "5960399" | "6035267" | "6108631" | "6510417" | "6704708" | "7024364" | "7236923" | "7493259" | "7536297" | "7558730" | "7606708" | "7788084" | "7949529" | "7873519" | "8170867" | "6362748" | "20030016835" | "20050137877" | "20070033020" | "20120109753" | "5208748" | "6018708" | "6049607" | "6587858" | "6606598" | "6681206" | "7058890" | "7472060" | "7676369" | "8145489" | "20100312566" | "6393403" | "6578022" | "7299186" | "8155962" | "6591239" | "20040167771" | "20110131045" | "6278968" | "6397181" | "6633846" | "6757544" | "6983055" | "7054817" | "7072834" | "7107210" | "7110951" | "7207011" | "7305381" | "7366669" | "7415414" | "7516076" | "7873523" | "20080147410" | "6745161" | "7283951" | "7406421" | "20090216540" | "20110112921" | "20110231182" | "20110231188" | "20120022857" | "5027406" | "5577165" | "6549629" | "6954755" | "6959276" | "7184957" | "7277854" | "7472020" | "7574362" | "7676365" | "7729918" | "7983917" | "8073681" | "8112275" | "8140327" | "8155962" | "5895464" | "7542894" | "20040205671" | "7406421" | "20010049601" | "20020035501" | "20030144846" | "20030158731" | "20080065386" | "20110131036" | "5995928" | "6067513" | "6085186" | "6233561" | "6377913" | "6594367" | "6868380" | "6912498" | "7337116" | "7447635" | "7536374" | "7917367" | "7949537" | "8069046" | "7190770" | "6910003" | "20030206640" | "20080140385" | "20090271194" | "20120101810" | "6269336" | "6429813" | "6622119" | "6701294" | "6832230" | "7069220" | "7165028" | "7577244" | "7831433" | "8015006").PN.				
S197	113	(US-20020188392-$ or US-20020175647-$ or US-20020173889-$ or US-20020164973-$ or US-20020151297-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-	US-PGPUB; USPAT	OR	ON	2012/07/23 14:54

		20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040205671-$ or US-20040199375-$ or US-20040168119-$ or US-20030204492-$).did. or (US-20090313026-$ or US-20090216540-$ or US-20060190269-$ or US-20050257174-$ or US-20040215464-$ or US-20040193426-$ or US-20020022927-$ or US-20030158731-$ or US-20030144846-$ or US-20030120493-$).did. or (US-6968311-$ or US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6970935-$ or US-6910003-$ or US-6885734-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-6901364-$ or US-6173251-$ or US-6839670-$ or US-7920682-$ or US-7769143-$ or US-7426467-$ or US-6411934-$ or US-5812977-$ or US-4797924-$ or US-6108532-$ or US-6405106-$ or US-7902969-$ or US-7802198-$ or US-7748021-$).did. or (US-7741959-$ or US-7739039-$ or US-7702455-$ or US-7656310-$ or US-7650234-$ or US-7593812-$ or US-7561065-$ or US-7535344-$ or US-7522992-$ or US-7499778-$ or US-7461561-$ or US-7475057-$ or US-7417531-$ or US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6405132-$ or US-6401036-$ or US-6370475-$ or US-7478036-$ or US-8170867-$ or US-8219599-$).did. or (US-8155962-$ or US-7953732-$ or US-7873519-$ or US-7831426-$ or US-7542894-$ or US-7321850-$ or US-7299186-$ or US-7283951-$ or US-7190770-$ or US-7107218-$ or US-6601026-$ or US-6578022-$ or US-5895464-$ or US-7676365-$ or US-7558730-$ or US-7447635-$ or US-7337116-$ or US-7328155-$ or US-7305381-$ or US-7207011-$ or US-7184957-$ or US-7069220-$ or US-7003463-$ or US-6959276-$).did.				
S198	453	S196 S197	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 14:54
S199	19	S198 and (order$4 near3 part)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 14:54
S200	2560	(service near3 schedul$$) and (car vehicle telematics).ti,abst,bsum,clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 15:04
S201	31	(service near3 schedul$$) and (car	US-	OR	ON	2012/07/23

		vehicle telematics).ti,abst,bsum,clm. and "704".clas.	PGPUB; USPAT; DERWENT			15:04
S202	31	(service near3 schedul$4) and (car vehicle telematics).ti,abst,bsum,clm. and "704".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 15:21
S203	64	((order$4 buy$4 purchas$4) near3 part) and (car vehicle telematics).ti,abst,bsum,clm. and "704".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 15:21
S204	45	((order$4 buy$4 purchas$4) adj3 part) and (car vehicle telematics).ti,abst,bsum,clm. and "704".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 15:23
S205	23	((order$4 buy$4 purchas$4) adj3 part) and (car vehicle telematics).ti,abst,bsum,clm. and "704".clas. not (in adj order)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 15:26
S206	45	((order$4 buy$4 purchas$4) adj3 part) and (car vehicle telematics).ti,abst,bsum,clm. and "704".clas. not (in adj order adj to)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 15:27
S207	45	((order$4 buy$4 purchas$4) adj3 part) and (car vehicle telematics).ti,abst,bsum,clm. and "704".clas. not ("in order to")	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 15:27
S208	45	((order$4 buy$4 purchas$4) adj3 part) and (car vehicle telematics).ti,abst,bsum,clm. and "704".clas. not("in order to")	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 15:27
S209	116	(command and query) near7 (context domain) and "704".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 16:49
S211	8649	704/270,275,251-257.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 07:42
S212	0	"l3" and ((vehicle car telematics) and (part near3 order) and (cost price)).clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 07:43
S213	32	"l3" and ((vehicle car telematics) and (cost price)).clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 07:43
S214	41	Kennewick.in. near robert	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 10:08
S215	9	Kennewick.in. near michael	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 10:08
S216	21	Kennewick.in. near richard	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 10:08

S217	98	locke.in. near david	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 10:08
S218	26	freeman.in. near tom	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 10:08
S219	12	elston.in. near stephen	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 10:08
S220	143	S214 S215 S216 S217 S218 S219	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 10:08
S221	180	S214 S215 S216 S217 S218 S219 or voicebox.as.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 10:09
S222	180	S214 S215 S216 S217 S218 S219 voicebox.as.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 10:09
S223	17	S222 and (command and query and context).clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 10:09
S236	4449	"l2" and (order$4 near3 part)	US-PGPUB; USPAT; DERWENT	OR	ON	2013/04/25 11:28
S240	99	(US-20020188392-$ or US-20020175647-$ or US-20020164973-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040168119-$ or US-20030204492-$ or US-20090216540-$ or US-20050257174-$ or US-20040215464-$ or US-20020022927-$).did. or (US-20080147410-$ or US-20030158731-$ or US-20030144846-$ or US-20030120493-$ or US-20030110037-$ or US-20030065427-$).did. or (US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6910003-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-7406421-$ or US-7801731-$ or US-7769143-$ or US-6411934-$ or US-5812977-$ or US-	US-PGPUB; USPAT	OR	ON	2013/04/25 14:17

		4797924-$ or US-6108532-$ or US-6405106-$ or US-7902969-$ or US-7802198-$ or US-7748021-$ or US-7741959-$ or US-7739039-$ or US-7702455-$ or US-7656310-$ or US-7650234-$ or US-7593812-$).did. or (US-7561065-$ or US-7535344-$ or US-7522992-$ or US-7499778-$ or US-7461561-$ or US-7475057-$ or US-7417531-$ or US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6405132-$ or US-6401036-$ or US-6370475-$ or US-7478036-$ or US-8170867-$ or US-8219599-$ or US-7953732-$ or US-7542894-$ or US-7321850-$ or US-7299186-$ or US-7283951-$ or US-7190770-$).did. or (US-7107218-$ or US-6601026-$ or US-6578022-$ or US-5895464-$ or US-7676365-$ or US-7447635-$ or US-7337116-$ or US-7328155-$ or US-7305381-$ or US-7207011-$ or US-7184957-$ or US-7003463-$ or US-6959276-$ or US-5577165-$).did.				
S241	99	(US-20020188392-$ or US-20020175647-$ or US-20020164973-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040168119-$ or US-20030204492-$ or US-20090216540-$ or US-20050257174-$ or US-20040215464-$ or US-20020022927-$).did. or (US-20080147410-$ or US-20030158731-$ or US-20030144846-$ or US-20030120493-$ or US-20030110037-$ or US-20030065427-$).did. or (US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6910003-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-7406421-$ or US-7801731-$ or US-7769143-$ or US-6411934-$ or US-5812977-$ or US-4797924-$ or US-6108532-$ or US-6405106-$ or US-7902969-$ or US-7802198-$ or US-7748021-$ or US-7741959-$ or US-7739039-$ or US-7702455-$ or US-7656310-$ or US-7650234-$ or US-7593812-$).did. or (US-7561065-$ or US-7535344-$ or US-7522992-$ or US-7499778-$ or US-	US-PGPUB; USPAT	OR	ON	2013/04/25 14:17

		7461561-$ or US-7475057-$ or US-7417531-$ or US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6405132-$ or US-6401036-$ or US-6370475-$ or US-7478036-$ or US-8170867-$ or US-8219599-$ or US-7953732-$ or US-7542894-$ or US-7321850-$ or US-7299186-$ or US-7283951-$ or US-7190770-$).did. or (US-7107218-$ or US-6601026-$ or US-6578022-$ or US-5895464-$ or US-7676365-$ or US-7447635-$ or US-7337116-$ or US-7328155-$ or US-7305381-$ or US-7207011-$ or US-7184957-$ or US-7003463-$ or US-6959276-$ or US-5577165-$).did.				
S263	37	(US-20120203557-$ or US-20100145700-$ or US-20070061735-$ or US-20060287783-$ or US-20050065779-$ or US-20040107097-$ or US-20030144005-$ or US-20090307031-$ or US-20080154581-$ or US-20060217849-$ or US-20020049535-$).did. or (US-7772966-$ or US-6754485-$ or US-7502672-$ or US-7487110-$ or US-7734287-$ or US-6636790-$ or US-6611739-$ or US-6556899-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2013/04/26 12:55

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S164	5171	(telematic car vehicle) and (command control query) and "704".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/22 16:07
S165	103	(telematic car vehicle) and (command control query) and "704".clas. and (telematic near7 (command control))	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/22 16:08
S166	103	(telematic car vehicle) and (command control query) and "704".clas. and (telematics near7 (command control))	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/22 16:08
S168	7	"Term Removed" or "Term Removed"	US-PGPUB; USPAT	OR	ON	2012/07/22 19:18
S175	9	"Term Removed" or "Term Removed"	US-PGPUB; USPAT	OR	ON	2012/07/23 09:23
S180	9	"Term Removed" or "Term Removed"	US-PGPUB; USPAT	OR	ON	2012/07/23 11:03
S210	117	(command and query) near7 (context domain) and "704".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/23 16:49

S224	8685	704/270,275,251-257.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 07:42
S225	9	S224 and ((vehicle car telematics) and (cost price)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 07:45
S226	24	S224 and ((vehicle car telematics) and ((driving near direction) (travel near service) (entertainment) (marketing) (lighting near control) (windshield near wiper))).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 08:12
S227	4	S224 and ((vehicle car telematics) and ((lighting near control) (windshield near wiper))).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 08:16
S228	20	S224 and ((vehicle car telematics) and ((driving near direction) (travel near service) (entertainment) (marketing))).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 08:21
S229	6	S224 and ((vehicle car telematics) near7 (lighting near control))	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 08:50
S230	209	S224 and ((vehicle car telematics) and (authenticat$4))	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 08:52
S231	81	S224 and ((vehicle car telematics) and (authenticat$4 near5 user))	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 08:53
S232	71	S224 and ((vehicle car telematics) and (authenticat$4 near3 voice))	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 09:02
S233	0	S224 and ((vehicle car telematics) and (communication and control and power and sensor and external and history)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 09:11
S234	0	S224 and ((communication and control and power and sensor and external and history)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 09:11
S235	10	S224 and ((vehicle car telematics) and ((user driver person$4) near profile)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 09:23
S237	134	("20090313026" | "6968311" | "20080300878" | "20100036660" | "7676026" | "6810379" | "6999927" | "7840447" | "8112280" | "20070174188" | "20080221903" | "20090177461" | "20100217604" | "6996520" | "20030083884" | "20100106500" | "20040205671" | "20100076760" | "6035267" | "6954755" | "6970935" | "7426467" | "7617094" | "20060122834" | "20100235341" | "7729904" | "7831426" | "7912702" | "20090299849" | "7092887" |	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 11:17

		"7523108" | "7571106" | "7801729" | "7809610" | "8099289" | "8149467" | "8204238" | "7024364" | "7376632" | "8103510" | "20040176958" | "6173251" | "7917367" | "7920682" | "20050119897" | "20070185917" | "20100228540" | "7555431" | "7974972" | "8024195" | "8036901" | "20110218855" | "20040243419" | "20090306981" | "20120296649" | "20030115064" | "20040193426" | "20100312566" | "20120108221" | "6064963" | "6915246" | "8219608" | "20080021708" | "20090157401" | "7376556" | "7647225" | "7725320" | "6532446" | "7020685" | "20120271625" | "20120284027" | "8224649" | "20020151297" | "20020173889" | "20040199375" | "5231670" | "6839670" | "6885734" | "20050080625" | "20100005081" | "7725321" | "20110264643" | "6832194" | "7487089" | "7774204" | "6317831" | "7707032" | "20100185448" | "6901364" | "7827047" | "20050149332" | "6615175" | "7069220" | "7277854" | "8065155" | "8073681" | "7672841" | "6665639" | "7720683" | "6321092" | "6813491" | "7522927" | "20080048908" | "20090306989" | "20120185237" | "6658389" | "7197120" | "8055502" | "20030117365" | "6944593" | "20080052063" | "7139714" | "7225125" | "7624007" | "7698131" | "7177798" | "20100332348" | "8041611" | "6647260" | "20020198714" | "7219063" | "20090048845" | "20060190269" | "7634409" | "7818176" | "7657424" | "7702508" | "8165886" | "20100257160" | "7418392" | "6317594" | "7233790" | "7266496" | "6882971").PN.				
S238	134	"Term Removed" or "Term Removed" or "Term Removed" or "Term Removed" or "Term Removed" or "Term Removed"	US-PGPUB; USPAT	OR	ON	2013/04/25 11:26
S239	2	S238 and (order$4 near3 part)	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 11:28
S242	3499	(vehicle car automobile telematics).ti,abst. and (order$4 near3 part)	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 12:49
S243	4	(vehicle car automobile telematics).ti,abst. and (order$4 near3 part) and "704".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 12:50
S244	6	(vehicle car automobile telematics).ti,abst. and (cost with estimat$4) and "704".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 13:06
S245	52	(vehicle car automobile telematics).ti,abst. and (entertainment) and "704".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 13:48
S246	74	(vehicle car automobile telematics).ti,abst. and (market$4 shop$4 merchant) and "704".clas.	US-PGPUB; USPAT;	OR	ON	2013/04/25 14:16

			UPAD			
S247	36	"Term Removed" or "Term Removed"	US-PGPUB; USPAT	OR	ON	2013/04/25 14:17
S248	36	"Term Removed" or "Term Removed"	US-PGPUB; USPAT	OR	ON	2013/04/25 14:17
S249	134	"Term Removed" or "Term Removed" or "Term Removed" or "Term Removed" or "Term Removed" or "Term Removed"	US-PGPUB; USPAT	OR	ON	2013/04/25 14:18
S250	149	S248 S249	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 14:18
S251	217	S246 S250	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 14:18
S252	6	(vehicle car automobile telematics).ti,abst. and (market$4 shop$4 merchant) and S250	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 14:21
S253	143	S250 not S252	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 14:28
S254	74	(vehicle car automobile telematics).ti,abst. and (market$4 shop$4 merchant) and S251	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 14:36
S255	54	(vehicle car automobile telematics).ti,abst. and (light$4 with control$4) and "704".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 14:56
S256	44	(vehicle car automobile telematics).ti,abst. and (location with (shop store)) and "704".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 15:14
S257	54	(vehicle car automobile telematics).ti,abst. and (location with (shop store restaurant)) and "704".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 15:14
S258	3	"6487494".pn. "6748244".pn. "6591168".pn.	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 15:28
S259	2	"6487494".pn. "6748244".pn. "6591168".pn. and sandwitch	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 15:33
S260	0	("6487494".pn. "6748244".pn. "6591168".pn.) and sandwitch	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 15:33
S261	1	"7472075".pn.	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 15:35

S262	29	(vehicle car automobile telematics).ti,abst. and ((cost price) with (parts service)) and "704".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 15:43

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Docket Number	Application Number
	090611-0384800	12/705,311
	Applicant(s)	
	Robert A. KENNEWICK *et al.*	
	Filing Date	Group Art Unit
Form PTO-1449	February 12, 2010	2659

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1A	5,855,000	12/29/1998	Waibel *et al.*	704	235	
	1B	6,122,613	09/19/2000	Baker	704	235	
	1C	6,356,869	03/12/2002	Chapados *et al.*	704	275	
	1D	6,505,155	01/07/2003	Vanbuskirk *et al.*	704	246	
	1E	6,584,439	06/24/2003	Geilhufe *et al.*	704	270	
	1F	6,704,576	03/09/2004	Brachman *et al.*	455	503	
	1G	6,754,627	06/22/2004	Woodward	704	235	
	1H	7,036,128	04/25/2006	Julia *et al.*	719	317	
	1I	7,197,460	03/27/2007	Gupta *et al.*	704	270.1	
	1J	7,421,393	09/02/2008	Di Fabbrizio *et al.*	704	275	
	1K	7,890,324	02/15/2011	Bangalore *et al.*	704	231	
	1L	7,920,682	04/05/2011	Byrne *et al.*	379	88.18	
	1M	8,219,399	07/10/2012	Lutz *et al.*	704	270	
	1N	8,255,224	08/28/2012	Singleton *et al.*	704	275	
	1O	8,326,627	12/04/2012	Kennewick *et al.*	704	257	
	1P	8,326,634	12/04/2012	Di Cristo *et al.*	704	270.1	
	1Q	8,326,637	12/04/2012	Baldwin *et al.*	704	275	
	1R	8,332,224	12/11/2012	Di Cristo *et al.*	704	257	
	1S	8,370,147	02/05/2013	Kennewick *et al.*	704	257	
	1T	8,447,607	05/21/2013	Weider *et al.*	704	250	
	1U	8,452,598	05/28/2013	Kennewick *et al.*	704	257	
	1V	2002/0087326	07/04/2002	Lee *et al.*	704	270.1	
	1W	2002/0143532	10/03/2002	McLean *et al.*	704	235	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations YES	Translations NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Docket Number	Application Number
	090611-0384800	12/705,311
	Applicant(s)	
	Robert A. KENNEWICK *et al.*	
	Filing Date	Group Art Unit
Form PTO-1449	February 12, 2010	2659

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2A	2005/0021470	01/27/2005	Martin *et al.*	705	51	
	2B	2009/0076827	03/19/2009	Bulitta *et al.*	704	275	
	2C	2009/0276700	11/05/2009	Anderson *et al.*	715	700	
	2D	2013/0054228	02/28/2013	Baldwin et al.	704	9	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations YES	Translations NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Electronic Patent Application Fee Transmittal

Application Number:	12705311
Filing Date:	12-Feb-2010
Title of Invention:	MOBILE SYSTEMS AND METHODS FOR RESPONDING TO NATURAL LANGUAGE SPEECH UTTERANCE
First Named Inventor/Applicant Name:	Robert A. Kennewick
Filer:	Ngai Bing Zhang/Miriam Nelsen Awan
Attorney Docket Number:	090611-0384800

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
Submission- Information Disclosure Stmt	2806	1	90	90
		Total in USD ($)		**90**

Electronic Acknowledgement Receipt

EFS ID:	16566957
Application Number:	12705311
International Application Number:	
Confirmation Number:	8125
Title of Invention:	MOBILE SYSTEMS AND METHODS FOR RESPONDING TO NATURAL LANGUAGE SPEECH UTTERANCE
First Named Inventor/Applicant Name:	Robert A. Kennewick
Customer Number:	909
Filer:	Ngai Bing Zhang/Miriam Nelsen Awan
Filer Authorized By:	Ngai Bing Zhang
Attorney Docket Number:	090611-0384800
Receipt Date:	12-AUG-2013
Filing Date:	12-FEB-2010
Time Stamp:	17:26:35
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	$90
RAM confirmation Number	5056
Deposit Account	033975
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		090611-0384800_ResponseNFOA.pdf	605899 4a1c488f4261f7c8b8b279b895c0c78fe2091657	yes	19

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Amendment/Req. Reconsideration-After Non-Final Reject	1	1
	Claims	2	14
	Applicant Arguments/Remarks Made in an Amendment	15	19

Warnings:

Information:

2	Transmittal Letter	0384800_SIDS.pdf	521767 4f35decdd77c0884d57e7dfd796640a021be12fc	no	2

Warnings:

Information:

3	Information Disclosure Statement (IDS) Form (SB08)	0384800_PTO1449.pdf	619254 968f8a09ec110404056e1d9446ebaba4f23c61d6	no	2

Warnings:

Information:

This is not an USPTO supplied IDS fillable form

4	Fee Worksheet (SB06)	fee-info.pdf	30712 ce652c1672f9c59b13872c0f27ba8bb61b24aa07	no	2

Warnings:

Information:

Total Files Size (in bytes):	1777632

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE PATENT APPLICATION OF:	Robert A. KENNEWICK *et al.*
SERIAL NO.:	12/705,311
FILING DATE:	February 12, 2010
ATTORNEY DOCKET NO.:	090611-0384800
CONFIRMATION NO.:	8125
EXAMINER:	Fariba SIRJANI
ART UNIT:	2659
FOR:	MOBILE SYSTEMS AND METHODS FOR RESPONDING TO NATURAL LANGUAGE SPEECH UTTERANCE

RESPONSE TO NON-FINAL OFFICE ACTION mailed 10 May 2013

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Madam:

In response to the Non-Final Office Action mailed **May 10, 2013**, please amend the above-identified application as follows:

Amendments to the Claims begin on page **2** of this paper.

Remarks begin on page **15** of this paper.

It is not believed that extensions of time or fees for net addition of claims are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned for under 37 C.F.R. § 1.136(a), and any fees required therefore (including fees for net addition of claims) are hereby authorized to be charged to Deposit Account No. 033975 (**Ref. No. 090611-0384800**).

This listing of claims will replace all prior versions and listings of claims in the Application.

LISTING OF CLAIMS:

1-55. (**Canceled**)

56. (**Currently Amended**) A mobile system for processing natural language utterances, comprising:

one or more processors ~~configured~~ programmed with one or more computer program instructions such that, when executed, the instructions cause the one or more processors to:

receive a natural language utterance at a ~~speech unit operatively coupled to a computer~~ first device in a vehicle;

~~, execute a speech recognition engine that recognizes one or more words or phrases in the natural language utterance,~~

determine whether a command or query relating to the natural language utterance is to be processed on-board or off-board the vehicle based on one or more recognized words or phrases of the natural language utterance;

invoke an agent that is on-board the vehicle to process the command or query based on a determination that the command or query is to be processed on-board the vehicle; and

invoke a second device that communicates wirelessly over a wide area network to process the command or query based on a determination that the command or query is to be processed off-board the vehicle.

~~execute a parser that identifies a telematics domain from the recognized one or more words or phrases of the natural language utterance and formulates a request based on the telematics domain, and communicate the request to a telematics control unit that is configured to process the request based on the telematics domain, receive diagnostic information that identifies one or more problems with the vehicle from one or more sensors connected to the vehicle,~~

~~communicate the one or more problems via an output device connected to the vehicle, and communicate with one or more systems that relate to resolving the one or more problems with the vehicle and that relate to ordering one or more parts for the vehicle, wherein the one or more processors are part of the telematics control unit or are separate from the telematics control unit.~~

57. (**Currently Amended**) The mobile system of claim 56, wherein the instructions cause the one or more processors ~~are configured~~ to execute an event manager providing a multi-threaded environment for processing a plurality of ~~requests~~ commands or queries in a plurality of different domains across a plurality of overlapping or interleaved dialogs~~,~~ ~~wherein the event manager coordinates interaction between the parser and the telematics control unit to enable the telematics control unit to process the request during the overlapping or interleaved dialogs~~.

58. (**Currently Amended**) The mobile system of claim 56, ~~wherein the telematics control unit is configured to~~ wherein the instructions cause the one or more processors to determine whether processing the ~~request~~ command or query will create a hazardous condition for the vehicle.

59. (**Currently Amended**) The mobile system of claim 58, ~~wherein the telematics control unit is further configured to:~~ wherein the instructions cause the one or more processors to:

provide interactive guidance to resolve the hazardous condition via an output device connected to the vehicle~~, wherein the telematics control unit provides the interactive guidance to resolve the hazardous condition in response to determining~~ based on a determination that processing the ~~request~~ command or query will create the hazardous condition;

receive an input that manually overrides the hazardous condition determination; and

process the command or query based on the manual override. ~~request in response to the computer device receiving an input that manually overrides the hazardous condition determination.~~

60. (**Canceled**)

61. (**Currently Amended**) The mobile system of claim 56, wherein the instructions cause the one or more processors to:

associate one or more emergency words or phrases with a user; and

identify the one or more emergency words or phrases in the one or more recognized words or phrases,

wherein the second device is invoked to process the command or query to summon emergency help further based on the identification of the one or more emergency words or phrases.

~~systems are related to scheduling service for the vehicle, summoning help to the vehicle over one or more communication links, or providing remedial instructions that address the one or more problems~~.

62. (**Currently Amended**) The mobile system of claim 56, ~~wherein the telematics control unit is configured to:~~ wherein the instructions cause the one or more processors to:

detect an accident situation from information received from one or more sensors connected to the vehicle;

provide one or more interactive announcements or warnings via an output device connected to the vehicle in response to detecting the accident situation; ~~situation,~~

receive an input that is in response to the one or more interactive announcements or warnings, the input indicating a nature of the accident situation or a condition of a person in the vehicle; and

communicate the nature of the accident situation or the condition of the person in the vehicle to emergency personnel over a communications link.

63. (**Currently Amended**) The mobile system of claim 62, ~~wherein the telematics control unit is configured to~~ wherein the instructions cause the one or more processors to establish a voice channel over a communications link to enable communication between the person in the vehicle and the emergency personnel.

64. (**Currently Amended**) The mobile system of claim 56, wherein the command or query is to be processed on-board the vehicle, and wherein the command or query includes a query of an aspect of the vehicle. ~~wherein to process the request in the telematics control unit, the telematics control unit communicates over a communication link an indication that the one or more recognized words or phrases include at least one predetermined panic word, panic phrase, emergency word, or emergency phrase.~~

65. (**Currently Amended**) The mobile system of ~~claim 56,~~ claim 64, wherein the query relates to status information associated with one or more on-board systems of the vehicle. ~~wherein to process the request in the telematics control unit, the telematics control unit provides interactive guidance for performing one or more maneuvers to operate the vehicle via an output device connected to the vehicle.~~

66. (**Currently Amended**) The mobile system of ~~claim 56,~~ claim 64, wherein the instructions cause the one or more processors to:

provide a natural language speech response to the query based on one or more data sources that are on-board the vehicle. ~~wherein to process the request in the telematics control unit, the telematics control unit: provides interactive routing information to coordinate a rendezvous with one or more other vehicles in communication with the vehicle; and establishes a voice channel over a communications link to enable communication between a person in the vehicle and one or more people in the other vehicles.~~

67. (**Currently Amended**) The mobile system of claim 56, ~~wherein the telematics control unit is further configured to:~~ wherein the instructions cause the one or more processors to:

detect that the vehicle is approaching or has exceeded a travel limit for the vehicle;

provide interactive guidance for returning to the travel limit via an output device connected to the vehicle in response to detecting that the vehicle is approaching or has exceeded the travel limit; and

determine whether to extend the travel limit.

68. (**Currently Amended**) The mobile system of claim 56, wherein the command or query is to be processed on-board the vehicle, and wherein the command or query includes a command to control the vehicle. ~~wherein to process the request in the telematics control unit, the telematics control unit provides interactive guidance relating to one or more tasks for a person in the vehicle based on a location of the vehicle.~~

69. (**Currently Amended**) The mobile system of claim 56, wherein ~~the speech recognition engine recognizes~~ the one or more recognized words or phrases ~~in the natural language utterance~~ are determined from the natural language utterance using a plurality of dictionary and phrase entries that are dynamically updated based on at least a history of a current dialog and one or more prior dialogs.

70. (**Previously Presented**) The mobile system of claim 69, wherein the plurality of dictionary and phrase entries are further dynamically updated based on one or more dynamic fuzzy set possibilities or prior probabilities derived from the history of the current dialog and the prior dialogs.

71. (**Currently Amended**) A computer-implemented method for processing natural language utterances, the method being implemented by a computer system that includes one or more processors executing one or more computer program instructions which, when executed, perform the method, the method comprising:

receiving a natural language utterance at a ~~speech unit operatively coupled to a computer~~ first device in a vehicle;

~~recognizing, at a speech recognition engine, one or more words or phrases in the natural language utterance;~~

determining whether a command or query relating to the natural language utterance is to be processed on-board or off-board the vehicle based on one or more recognized words or phrases of the natural language utterance;

invoking an agent that is on-board the vehicle to process the command or query based on a determination that the command or query is to be processed on-board the vehicle; and

invoking a second device that communicates wirelessly over a wide area network to process the command or query based on a determination that the command or query is to be processed off-board the vehicle.

~~identifying, at a parser, a telematics domain from the recognized one or more words or phrases of the natural language utterance;~~

~~formulating, at the parser, a request based on the telematics domain;~~

~~communicating the request to a telematics control unit that is configured to process the request based on the telematics domain;~~

~~receiving diagnostic information that identifies one or more problems with the vehicle from one or more sensors connected to the vehicle;~~

~~communicating the one or more problems via an output device connected to the vehicle; and~~

~~communicating with one or more systems that relate to resolving the one or more problems with the vehicle and that relate to ordering one or more parts for the vehicle.~~

72. (**Currently Amended**) The method of claim 71, further comprising:

providing an event manager having a multi-threaded environment for processing a plurality of ~~requests~~ commands or queries in a plurality of different domains across a plurality of overlapping or interleaved dialogs~~, wherein the event manager coordinates interaction between the parser and the telematics control unit to enable the telematics control unit to process the request during the overlapping or interleaved dialogs~~.

73. (**Currently Amended**) The method of claim 71, further comprising:

~~wherein the telematics control unit is configured to determine~~ determining whether processing the request will create a hazardous condition for the vehicle.

74. (**Currently Amended**) The method of claim 71, further comprising:

providing interactive guidance to resolve the hazardous condition via an output device connected to the vehicle~~, wherein the telematics control unit provides the interactive guidance to resolve the hazardous condition in response to determining~~ based on a determination that processing the ~~request~~ command or query ~~in the telematics domain~~ will create the hazardous condition;

receiving an input that manually overrides the hazardous condition determination; and

processing the command or query based on the manual override. ~~request in response to receiving an input that manually overrides the hazardous condition determination.~~

75. (**Canceled**)

76. (**Currently Amended**) The method of claim 71, further comprising:

associating one or more emergency words or phrases with a user; and

identifying the one or more emergency words or phrases in the one or more recognized words or phrases,

wherein the second device is invoked to process the command or query to summon emergency help further based on the identification of the one or more emergency words or phrases. ~~wherein the one or more systems are related to scheduling service for the vehicle, summoning help to the vehicle over one or more communication links, or providing remedial instructions that address the one or more problems.~~

77. (**Currently Amended**) The method of claim 71, further comprising:

detecting an accident situation from information received from one or more sensors connected to the vehicle;

providing one or more interactive announcements or warnings via an output device connected to the vehicle in response to detecting the accident situation; ~~and~~

receiving an input that is in response to the one or more interactive announcements or warnings, the input indicating a nature of the accident situation or a condition of a person in the vehicle; and

communicating the nature of the accident situation or the condition of the person in the vehicle to emergency personnel over a communications link.

78. (**Currently Amended**) The method of claim 77, further comprising:

establishing a voice channel over a communications link to enable communication between the person in the vehicle and the emergency personnel.

79. (**Currently Amended**) The method of claim 71, wherein the command or query is to be processed on-board the vehicle, and wherein the command or query includes a query of an aspect of the vehicle. ~~further comprising communicating over a communications link an indication that the one or more recognized words or phrases include at least one predetermined panic word, panic phrase, emergency word, or emergency phrase indicating that a crime is occurring.~~

80. (**Currently Amended**) The method of ~~claim 71,~~ claim 79, wherein the query relates to status information associated with one or more on-board systems of the vehicle. ~~wherein processing the request in the telematics control unit with the telematics control unit includes providing interactive guidance for performing one or more maneuvers to operate the vehicle via an output device connected to the vehicle.~~

81. (**Currently Amended**) The method of ~~claim 71,~~ claim 79, further comprising:

providing a natural language speech response to the query based on one or more data sources that are on-board the vehicle. ~~wherein processing the request in the telematics control unit with the telematics control unit includes: providing interactive routing information to coordinate a rendezvous with one or more other vehicles in communication with the vehicle; and establishing a voice channel over a communications link to enable communication between a person in the vehicle and one or more people in the other vehicles.~~

82. (**Previously Presented**) The method of claim 71, further comprising:

detecting that the vehicle is approaching or has exceeded a travel limit for the vehicle;

providing interactive guidance for returning to the travel limit via an output device connected to the vehicle in response to detecting that the vehicle is approaching or has exceeded the travel limit; and

determining whether to extend the travel limit.

83. (**Currently Amended**) The method of claim 71, wherein the command or query is to be processed on-board the vehicle, and wherein the command or query includes a command to control the vehicle. ~~wherein processing the request in the telematics control unit with the telematics control unit includes providing interactive guidance relating to one or more tasks for a person in the vehicle based on a location of the vehicle.~~

84. (**Currently Amended**) The method of claim 71, wherein ~~the speech recognition engine recognizes~~ the one or more recognized words or phrases ~~in the natural language utterance~~ are determined from the natural language utterance using a plurality of dictionary and phrase entries that are dynamically updated based on at least a history of a current dialog and one or more prior dialogs.

85. (**Previously Presented**) The method of claim 84, wherein the plurality of dictionary and phrase entries are further dynamically updated based on one or more dynamic fuzzy set possibilities or prior probabilities derived from the history of the current dialog and the prior dialogs.

86-87. (**Canceled**)

88. (**Currently Amended**) The mobile system of claim 56, wherein the one or more processors are programmed to: ~~wherein the parser is configured to identify the telematics domain further from~~

identify a context based on the one or more recognized words, ~~of the natural language utterance~~

wherein the determination of whether the command or query is to be processed on-board or off-board the vehicle is further based on the context.

89. (**Currently Amended**) The mobile system of claim 88, wherein the natural language utterance is associated with a current dialog between the system and a user, and wherein the context is identified further based on one or more prior dialogs between the system and the user. ~~wherein the parser is configured to determine the context based on a user profile associated with the natural language utterance or based on a previously received natural language utterance~~.

90-97. (**Canceled**)

98. (**Currently Amended**) The mobile system of claim 56, wherein the one or more processors are programmed to: ~~wherein the system is configured to~~

receive an indication of fatigue of a user of the vehicle; and [[to]]

initiate a dialog with the user to determine a fatigue level of the user. ~~the user's fatigue level.~~

99-117. (**Canceled**)

118. (**New**) A computer-implemented method of processing natural language utterances, the method being implemented by a computer system that includes one or more processors executing one or more computer program instructions which, when executed, perform the method, the method comprising:

receiving, at a first device, a natural language utterance;

identifying a command or query based on one or more recognized words or phrases of the natural language utterance;

determining whether the command or query is to be processed on-board or off-board a vehicle;

invoking an agent that is on-board the vehicle to process the command or query based on a determination that the command or query is to be processed on-board the vehicle; and

invoking a second device that communicates wirelessly over a wide area network to process the command or query based on a determination that the command or query is to be processed off-board the vehicle.

119. (**New**) The method of claim 118, wherein the command or query is to be processed on-board the vehicle, and wherein the command or query includes a command to control the vehicle.

120. (**New**) The method of claim 118, wherein the command or query is to be processed on-board the vehicle, and wherein the command or query includes a query of an aspect of the vehicle.

121. (**New**) The method of claim 120, wherein the query relates to status information associated with one or more on-board systems of the vehicle.

122. (**New**) The method of claim 120, further comprising:

providing a natural language speech response to the query based on one or more data sources that are on-board the vehicle.

REMARKS

In response to the Office Action mailed **May 10, 2013**, claims 56-59, 61-69, 71-74, 76-81, 83, 84, 88, 89, and 98 have been amended, claims 90-97 and 100-117 have been canceled without prejudice or disclaimer, and claims 118-122 have been newly added. Therefore, claims 56-59, 61-74, 76-85, 88, 89, 98, and 118-122 are now pending. Support for the instant amendments is provided throughout the as-filed Specification. Thus, no new matter has been added. In view of the foregoing amendments and following comments, allowance of all the claims pending in the application is requested.

REJECTIONS UNDER 35 U.S.C. § 103

1. Claims 56, 68, 71, 83, 88, 89, 91-95, and 100-103 stand rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over U.S. Patent No. 7,299,186 to Kuzunuki *et al.* (hereinafter "Kuzunki") in view of U.S. Patent No. 6,910,003 to Arnold *et al.* (hereinafter, "Arnold") in further view of U.S. Patent No. 7,487,110 to Bennett *et al.* (hereinafter, "Bennett"). [Office Action, pg. 4].
2. Claims 57 and 72 stand rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over the alleged combination of Kuzunuki, Arnold, and Bennett, further in view of U.S. Patent Application Publication No. 2004/0205671 to Sukehiro *et al.* (hereinafter, "Sukehiro"). [Office Action, pg. 22].
3. Claims 58 and 73 stand rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over the alleged combination of Kuzunuki, Arnold, and Bennett, further in view of U.S. Patent No. 6,968,311 to Knockeart *et al.* (hereinafter "Knockeart"). [Office Action, pg. 25].
4. Claims 59 and 74 stand rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over the alleged combination of Kuzunuki, Arnold, and Bennett, further in view of U.S. Patent Application Publication No. 2002/0022927 to Lemelson *et al.* (hereinafter "Lemelson"). [Office Action, pg. 26].
5. Claims 62, 65, 67, 77, 80, and 82 stand rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over the alleged combination of Kuzunuki, Arnold,

and Bennett, further in view of U.S. Patent No. 7,902,969 to Obradovich (hereinafter, "Obradovich I"). [Office Action, pg. 29].

6. Claims 61, 76, and 96 stand rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over the alleged combination of Kuzunuki, Arnold, Bennett, and Obradovich I, further in view of U.S. Patent Application Publication No. 2002/0188392 to Breed *et al.* (hereinafter, "Breed"). [Office Action, pgs. 34 and 45].
7. Claims 63 and 78 stand rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over the alleged combination of Kuzunuki, Arnold, Bennett, and Obradovich I, further in view of U.S. Patent No. 7,406,421 to Odinak *et al.* (hereinafter "Odinak I") [Office Action, pg. 35].
8. Claims 64 and 79 stand rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over the alleged combination of Kuzunuki, Arnold, and Bennett, further in view of U.S. Patent No. 6,275,231 to Obradovich (hereinafter "Obradovich II"). [Office Action, pg. 36].
9. Claims 66 and 81 stand rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over the alleged combination of Kuzunuki, Arnold, Bennett, and Obradovich I, further in view of U.S. Patent No. 6,362,748 to Huang (hereinafter "Huang"). [Office Action, pg. 38].
10. Claims 69 and 84 stand rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over the alleged combination of Kuzunuki, Arnold, and Bennett, further in view of U.S. Patent No. 6,877,001 to Wolfe *et al.* (hereinafter "Wolfe"). [Office Action, pg. 40].
11. Claims 70 and 85 stand rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over the alleged combination of Kuzunuki, Arnold, Bennett, and Wolfe, further in view of U.S. Patent No. 7,478,036 to Shen *et al.* (hereinafter "Shen"). [Office Action, pgs. 41-42].
12. Claim 90 stands rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over the alleged combination of Kuzunuki, Arnold, and Bennett,

further in view of U.S. Patent No. 6,236,968 to Kanevsky *et al.* (hereinafter "Kanevsky"). [Office Action, pg. 43].

13. Claim 97 stands rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over the alleged combination of Kuzunuki, Arnold, and Bennett, further in view of U.S. Patent No. 5,913,196 to Talmor *et al.* (hereinafter "Talmor"). [Office Action, pg. 44].
14. Claims 104, 110, 111, and 117 stand rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over Kuzunuki in view of Arnold. [Office Action, pg. 47].
15. Claims 105 and 112 stand rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over the alleged combination of Kuzunuki and Arnold, further in view of U.S. Patent Application Publication No. 2002/0049535 to Rigo *et al.* (hereinafter, "Rigo"). [Office Action, pg. 52].
16. Claims 106, 107, 113, and 114 stand rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over the alleged combination of Kuzunuki and Arnold, further in view of U.S. Patent No. 7,472,075 to Odinak *et al.* (hereinafter, "Odinak II").
17. Claims 108 and 115 stand rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over the alleged combination of Kuzunuki and Arnold, further in view of U.S. Patent Application Publication No. 2002/0067839 to Heinrich (hereinafter, "Heinrich"). [Office Action, pg. 61].
18. Claims 109 and 116 stand rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over the alleged combination of Kuzunuki and Arnold, further in view of U.S. Patent No. 6,278,377 to Deline *et al.* (hereinafter, "Deline"). [Office Action, pg. 64].

REMARKS REGARDING 35 U.S.C. § 103 REJECTIONS

Applicants disagree with the propriety of the alleged rejections. However, *solely* in an effort to expedite prosecution, and in *no way* acquiescing in the propriety of the alleged rejections, independent claims 56 and 71 have been amended to clarify aspects of the invention.

For example, independent claim 56 recites, *inter alia*, the features of:

> receive a natural language utterance at a first device in a vehicle;
>
> determine whether a command or query relating to the natural language utterance is to be processed on-board or off-board the vehicle based on one or more recognized words or phrases of the natural language utterance;
>
> invoke an agent that is on-board the vehicle to process the command or query based on a determination that the command or query is to be processed on-board the vehicle; and
>
> invoke a second device that communicates wirelessly over a wide area network to process the command or query based on a determination that the command or query is to be processed off-board the vehicle.
>
> [Emphasis added].

Independent claim 71 includes similar recitations.

Kuzunuki does not teach or suggest at least the foregoing recitations. The foregoing deficiencies of Kuzunuki are not cured by Arnold, Bennett, Sukehiro, Knockeart, Lemelson, Obradovich I, Breed, Odinak I, Obradovich II, Huang, Wolfe, Shen, Kanevsky, Talmor, Rigo, Odinak II, Heinrich, or Deline. The Examiner has failed to establish otherwise.

Accordingly, withdrawal of the alleged rejection of claims 56 and 71 under 35 U.S.C. § 103 is earnestly sought. In addition, dependent claims 57-59, 61-70, 72-74, 76-85, 88, 89, and 98 are allowable because they each ultimately depend from an allowable independent claim, as well as for the further features they recite.

CONCLUSION

Having addressed each of the foregoing rejections, it is respectfully submitted that a full and complete response has been made to the outstanding Office Action and, as such, the application is in condition for allowance. Notice to that effect is respectfully requested.

If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at the number provided.

Respectfully submitted,

Date: **August 12, 2013**

PILLSBURY WINTHROP SHAW PITTMAN LLP

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By: _____

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS :	Robert A. KENNEWICK *et al.*	CONFIRMATION No.:	8125
SERIAL NUMBER :	12/705,311	EXAMINER:	Fariba Sirjani
FILING DATE :	February 12, 2010	ART UNIT:	2659
FOR :	MOBILE SYSTEMS AND METHODS FOR RESPONDING TO NATURAL LANGUAGE SPEECH UTTERANCE		

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicants hereby make of record in the above-identified application the documents listed on the attached Form PTO-1449.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This Supplemental Information Disclosure Statement is being filed more than three months after the filing date of a national application other than a continued prosecution application under 37 C.F.R. § 1.53(d), or more than three months after the date of entry of the

Google Exhibit 1019
Page 001271

national stage as set forth in 37 C.F.R. § 1.491 in an international application, and after the mailing date of the first Office Action on the merits, but before the mailing date of any of a Final Action under 37 C.F.R. § 1.113, a Notice of Allowance under 37 C.F.R. § 1.311, or an action that otherwise closes prosecution in the application. 37 C.F.R. § 1.97(c).

Please charge the $90.00 fee [37 C.F.R. § 1.17(p)] to Deposit Account No. 03-3975. In addition, please charge any fee deficiencies, or credit any overpayment, to Deposit Account No. 03-3975 as needed to ensure consideration of the Supplemental Information Disclosure Statement.

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449.

Respectfully submitted,

PILLSBURY WINTHROP SHAW PITTMAN LLP

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PTO/SB/06 (09-11)
Approved for use through 1/31/2014. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 12/705,311	Filing Date 02/12/2010	☐ To be Mailed

ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO

APPLICATION AS FILED – PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X $ =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $310 ($155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))				
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	

APPLICATION AS AMENDED – PART II

AMENDMENT 08/12/2013

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
Total (37 CFR 1.16(i))	* 36	Minus	** 57	= 0	X $40 =	0
Independent (37 CFR 1.16(h))	* 4	Minus	***18	= 0	X $210 =	0
☐ Application Size Fee (37 CFR 1.16(s))						
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
					TOTAL ADD'L FEE	0

AMENDMENT

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
Total (37 CFR 1.16(i))	*	Minus	**	=	X $ =	
Independent (37 CFR 1.16(h))	*	Minus	***	=	X $ =	
☐ Application Size Fee (37 CFR 1.16(s))						
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
					TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

LIE
/ALLYSON PURNELL/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**
If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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UNITED STATES DEPARTMENT OF COMMERCE
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/705,311	02/12/2010	Robert A. Kennewick	090611-0384800	8125

909 7590 10/08/2013

Pillsbury Winthrop Shaw Pittman, LLP (NV)
PO Box 10500
McLean, VA 22102

EXAMINER	
SIRJANI, FARIBA	

ART UNIT	PAPER NUMBER
2659	

NOTIFICATION DATE	DELIVERY MODE
10/08/2013	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

docket_ip@pillsburylaw.com
heather.marthers@pillsburylaw.com

Office Action Summary	Application No. 12/705,311	Applicant(s) KENNEWICK ET AL.	
	Examiner FARIBA SIRJANI	Art Unit 2659	AIA (First Inventor to File) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *12 August 2013*.

☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

4)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

5)☒ Claim(s) *56-59,61-74,76-85,88,89,98 and 118-122* is/are pending in the application.

5a) Of the above claim(s) _____ is/are withdrawn from consideration.

6)☐ Claim(s) _____ is/are allowed.

7)☒ Claim(s) *56-59,61-74,76-85,88,89,98 and 118-122* is/are rejected.

8)☐ Claim(s) _____ is/are objected to.

9)☐ Claim(s) _____ are subject to restriction and/or election requirement.

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

Application Papers

10)☐ The specification is objected to by the Examiner.

11)☒ The drawing(s) filed on _____ is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a)☐ All b)☐ Some * c)☐ None of the:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☒ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.

3) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .

4) ☐ Other: _____.

DETAILED ACTION

Claims 56-59, 61-74, 76-85, 88-89, 98, and 118-122 are pending. Claims 56, 71, and 118 are independent. Claims 118-122 are new. Of the previously pending claims, Claims 90-97 and 100-117 have been cancelled by the current amendments.

Applicant's arguments are considered; they are not persuasive; **and further they are moot in view of the new grounds of rejection necessitated by the amendments**.

This action is **Final**.

A terminal disclaimer was filed on 12-3-2012 over the term of U.S. Patent No. 7,693,720.

Applicant must point to support in the Specification for the new Claims and amendments to the existing Claims.

Response to Arguments

Applicant's arguments are directed to features added by amendment to the independent Claims 56 and 71 and the new independent Claim 118.

New Claim 117 includes the following limitations that are similar to the limitations introduced by amendment to the independent Claims 56 and 71:

> receiving, at a first device, a natural language utterance;
> identifying a command or query based on one or more recognized words or phrases of the natural language utterance;
> determining whether the command or query is to be processed on-board or off-board a vehicle;
> invoking an agent that is on-board the vehicle to process the command or query based on a determination that the command or query is to be processed on-board the vehicle; and

> invoking a second device that communicates wirelessly over a wide area network to process the command or query based on a determination that the command or query is to be processed off-board the vehicle.

Applicant has not pointed to the location of support in the specification for the above amendments.

The terms “off-board" or “off board” or “offboard” do not appear in the specification. The term “onboard” appears once in “[0005] Human retrieval of both local and network hosted online information and processing of commands in a natural manner remains a difficult problem in any environment, especially onboard vehicles.”

Support for the above amendments is found, e.g., in the following parts of the specification:

> [0014] According to another aspect of invention, the system can be interfaced by wired or wireless connections to one or more vehicle-related systems. These vehicle-related systems can themselves be distributed between electronic controls or computers attached to the vehicle or external to the vehicle. Vehicle systems employed can include, electronic control systems, entertainment devices, navigation equipment, and measurement equipment or sensors. External systems employed include those used during vehicle operation, such as, weight sensors, payment systems, emergency assistance networks, remote ordering systems, and automated or attended customer service functions. Systems on the vehicle typically communicate with external systems via wireless communications networks.
>
> …
>
> [0026] The system, according to one aspect of the invention, can process and respond to questions, queries and commands. Keywords or context can be used to determine if the user's utterance is a command or query. Some utterances can include both aspects of a command and a query or question. For example, a user may say, "tune in my favorite radio station." A query may be required to determine the name, and/or the channel of the use's favorite station. If the programming on that station is of a type the user generally does not listen to, the system can suggest using an alternative, such as listening to a CD more likely to please the user.
>
> …

> [0040] For each user command utterance, the system may execute a number of steps possibly including: 1) capture the user's command through accurate speech recognition operating in a variety of real-world environments; 2) parse and interpret the command; 3) determine the domain for the command and context, invoking the proper resources, including agents as required; 4) gather required data including, device settings, and measurement data; 5) formulate device specific commands for the system or external devices; 6) route command to system, or external devices, including external devices connected to data networks; 7) receive and process results of command, including errors; and, 8) optionally, provide response to user indicating the success or failure of the command, and possibly including state information.
>
> (Paragraph 40 of the published Application, p. 19, lines 3-13.)

The specification appears to use the term “external systems” for what the Claim calls “off-board.”

Claim 61 including “associate one or more emergency words or phrases with a user …” appears to find support in:

> [0054] 3. Occupants of the vehicle can summon help in the event of a crime using the speech interface of the invention. Typical crimes include robberies and hijackings. The invention allows vehicle occupants to set panic or emergency words or phrases that indicate to the system a crime is occurring.

Claims 64 including “wherein the command or query is to be processed on-bard the vehicle and wherein the command or query includes a query of an aspect of the vehicle” appears to find support in:

> [0048] 7. System status inquiry. Vehicle operators can use the interactive natural language interface of the invention to query and receive reports of the status of systems on the vehicle including, fuel level, interior temperature, outside temperature, engine or other vehicle systems. The operator can further query the system to receive more information or determine a course of action if problem is detected.

Claim 66 including "wherein the instructions cause the one or more processors to: provide a natural language speech response to the query based on one or more data sources that are on-board the vehicle" appears to find support in:

> [0175] Once the domain agent 156 has created a satisfactory response to a question, or to a command, the agent may format that response for presentation. Typically, the domain agent can format the response into the markup format used by the text to speech engine 124. The domain agent may format the result presentation using available format templates and based on the context, the criteria, and the user profile 110. The domain agent may perform variable substitutions and transformations to produce a response best understood and most natural to the user. The domain agent may vary the order of presentation of tokens and the exact terminology used to create a more natural response to the user. The domain agent may also select the presentation personality 108 to be used.

Claim 68 including "wherein the command or query is to be processed on-board the vehicle, and wherein the command or query includes a command to control the vehicle" appears to find support in:

> [0041] The invention can provide to users, including vehicle operators, the capability to control most any vehicle system function using interactive speech….

Applicant's arguments are moot in view of new grounds of rejection necessitated by the amendments.

Claim Objections

Claim 73 is objected to because of the following informalities:

The term "request" in Claim 73 has no antecedent basis in this claim or its parent. The term "request" was changed by amendments in all of the claims to

"commands or queries" and it appears that it was left as it had been in this one claim due to oversight.

Appropriate correction is required.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of pre-AIA 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

1. Claims 56-57, 69, 71-72, 84, 88-89, and 118 are rejected under 35 U.S.C. 102(a) as anticipated by Coffman (U.S. 7,137,126).

Regarding **Claim 56**, **Coffman** teaches:

56. A mobile system for processing natural language utterances, comprising: [Coffman, Figure 1, "conversational sub-systems (engines) 18." "… conversational subsystems (e.g. speech recognition engine, text-to speech etc.) …." Col. 8, lines 4-5. Figure 7, "PVA 710" is a "personal vehicle assistant" that is part of the system.]

one or more processors programmed with one or more computer program instructions such that, when executed, the instructions cause the one or more processors to: [Coffman, processor is inherent in the computational components of the system of Figure 1.]

receive a natural language utterance at a first device in a vehicle; [Coffman,

Figure 1, the "conversational sub-systems 18" receive speech/utterance and may include "When a user interacts with the collection of devices, the interaction may always be via a central unit such as a PVA (personal vehicle assistant) 710 in a car, or a speech browser 713." Col. 41, lines 35-38. See also Col. 42, lines 1-61 example that include that "you have in your car, a conversational PDA, a conversational car PC (PVA, Personal Vehicle Assistance) and a conversational smart phone, Further assume that the PVA runs an embedded CVM …." (Lines 10-15.) "A conversational input interface is provided whereby a set of multi-mode input streams are each transcribed into an ASCII command or query (i.e., lists of attribute-value pairs or n-uples). Each input entity (command, NLU query field or argument unit (isolated letter, word, etc.) …." Col. 4, lines 50-56.]

determine whether the command or query is to be processed on-board or off-board a vehicle; [Coffman, "The task dispatcher and context stack accumulates the contexts associated to all the devices and will parse and dispatch commands to each device accordingly." Col. 41, lines 38-40. Some devices are on-board and some are off-board according to Figure 7. The example in col. 42 discusses processing the voice and extracting commands or queries that are found in the input speech. "… you find by voice the memo by simply requesting the "grocery list" that you had previously created …." Lines 19-21. "One last command--"Do it!"-- …." Line 27.]

invoke an agent that is on-board the vehicle to process the command or query based on a determination that the command or query is to be processed on-board the vehicle; and [Coffman, "When multiple devices are conversationally

connected, they will coordinate their interfaces so that all the devices can be controlled through the universal CUI." Col. 42, lines 1-3. The device that is appropriate for the command or query is invoked. "You now instruct the PVA to guide you turn by turn to the store. Your position is computed, the location of the store is fetched, locally or from a server, and an itinerary is computed to take into account the latest traffic information. At any time, you can request navigation information about where you are, what to do next, how far to go or even request a different itinerary." Col. 42, lines 33-39.]

invoke a second device that communicates wirelessly over a wide area network to process the command or query based on a determination that the command or query is to be processed off-board the vehicle. [Coffman, Figure 12, "Referring now to FIG. 12, a diagram illustrates a conversational network system which may be constructed using the components and features described herein." Col. 46, lines 20-23. "In any network (internet, bluetooth, wireless network etc . . .) such as shown in FIG. 12 …." Col. 47, lines 4-5. "If needed, you can dial in your PC to consult or modify some spreadsheet information; the same way that you would have consulted it by voice on your desktop while processing your mail. You can also assign tasks to agents on your PVA or desktop, requesting to be updated or reminded later on." Col. 42, lines 53-57.]

Regarding **Claim 57**, **Coffman** teaches:

57. The mobile system of claim 56, wherein the instructions cause one or more processors to execute **an event manager providing a multi-threaded environment for processing a plurality of commands or queries in a plurality of different**

domains across a plurality of overlapping or interleaved dialogs, [Coffman teaches an **event manager**: Figure 4, CVM 401 and Col. 21, lines 30-34 and "The conversational subsystem services manager 406 manages all the services, UI and behavior (as described herein) that are offered by the CVM 401. The conventional subsystem services manager 412 manages all the services and UI offered by an underlying operating system (or conventional I/O system even in the absence of an underlying OS)." Col. 21, line 65 to Col. 22, lines 3. Coffman also teaches a **multi-threaded** handling of tasks: "In general, the context stack 405 accumulates the context (i.e., full query arguments list of attribute value n-uples, and state/mode) of each active process with an activated discourse (i.e., conversational interaction associated with a given task/process/thread) along with any data files 413 (or at least identifiers of such conversational arguments) for the different engines that may be needed for input understanding (e.g., files or arguments that the engines use for performing their respective tasks such as active FSG, topic, vocabulary, HMM (hidden markov models), voiceprints, language models or possible queries for a speech input)." Col. 22, lines 9-15. Coffman also teaches multiple users with several discourses: "The networked shared tasks are managed by the users as several discourses, independently of the machine where the task is executed. This is one illustration of the usefulness of a uniform CVM API across all platforms for all transactions. … The capability to handle multiple simultaneous tasks with a keyboard and text displayed in a unique window would require to use most of the principle of conversational dispatching as described herein. The task dispatcher handles the issue of maintaining the dialog flow and,

therefore, minimizes any delay die to the network and CPU load." Col. 33, lines 49 to Col. 34, line 17.]

Regarding **Claim 69**, **Coffman** teaches:

69. The mobile system of claim 56**, wherein the one or more recognized words or phrases are determined from the natural language utterance using a plurality of dictionary and phrase entries that are dynamically updated based on at least a history of a current dialog and one or more prior dialogs**. [Coffman, includes several adaptation processes. Figure 6 shows input and output of speech and teaches: "However, the input is fed back to the user for confirmation, with possible pre-filtering using a dictionary or FSG rule book which is application-dependent." Col. 28, lines 55-57. Figure 9-11, Col. 20, lines 8-49: "The active master dialog manager (illustrated as dialog manger 219 in FIG. 9) will be responsible for managing the flow of I/O to the different managers to decide the active dialog and appropriately execute a query and update the context and history.... (12) decision notification, context update, action update, state update, etc;" The recognition depends on context and the context and history are updated continuously.]

Apparatus Claim 56 and method **Claim 71** are related as apparatus and the method of using same, with each claimed element's function corresponding to the claimed method step. Accordingly the method Claim 71 is similarly rejected under the same rationale as applied above with respect to the corresponding apparatus claim.

Apparatus Claim 57 and method **Claim 72** are related as apparatus and the method of using same, with each claimed element's function corresponding to the claimed method step. Accordingly the method Claim 72 is similarly rejected under the same rationale as applied above with respect to the corresponding apparatus claim.

Apparatus Claim 69 and method **Claim 84** are related as apparatus and the method of using same, with each claimed element's function corresponding to the claimed method step. Accordingly the method Claim 84 is similarly rejected under the same rationale as applied above with respect to the corresponding apparatus claim.

Regarding **Claim 88**, **Coffman** teaches:

… claim 56, wherein the one or more processors are programmed to:

identify a context based on the one or more recognized words, [Coffman, Figure 1, "contexts …. 17." "The conversational computing paradigm prescribes that systems dialog with a user to complete, disambiguate, summarize or correct queries and the result of their executions. They abstract and handle queries, contexts, and manipulated information based on contexts, applications, history and user preferences and biometrics." Col. 3, lines 15-21. "The context stack accumulates the context (full query arguments and state/mode--i.e. query arguments already introduced, any I/O event, and event produced by an application) of each active process with an activated discourse along with any data needed for input understanding (e.g. active FSG, topic, vocabulary or possible queries for a speech input)." Col. 4, lines 10-16. "query

arguments" are recognized words. "In general, the context stack 405 accumulates the context (i.e., full query arguments list of attribute value n-uples, and state/mode) of each active process with an activated discourse (i.e., conversational interaction associated with a given task/process/thread) along with any data files 413 (or at least identifiers of such conversational arguments) for the different engines that may be needed for input understanding (e.g., files or arguments that the engines use for performing their respective tasks such as active FSG, topic, vocabulary, HMM (hidden markov models), voiceprints, language models or possible queries for a speech input)." Col. 22, lines 15-20.]

wherein the determination of whether the command or query is to be processed on-board or off-board the vehicle is further based on the context. [Coffman, Col. 22, lines 20-28 regarding context and "The dialog controller 404 manages the context stack 405 by creating a new stack entry in the context stack 405 for each new task/process/thread that is spawned either local or remotely from a networked device (with task management being controlled by the task dispatcher/controller 402 as discussed below)." Col. 22, lines 47-52. "The task dispatcher/controller 402 dispatches and coordinates different tasks and processes that are spawned (by the user and machine) on local and networked conventional and conversational resources. The task dispatcher/controller 402 is essentially a resource allocation mechanism which, in general, dispatches the activated tasks (whether they are conventional or conversational tasks) and controls the status of each task, resource, etc. by monitoring the load and availability of all the resources and appropriately assign

and shift the various tasks to different resources." Col. 23, lines 1-10. "When a user interacts with the collection of devices, the interaction may always be via a central unit such as a PVA (personal vehicle assistant) 710 in a car, or a speech browser 713. The task dispatcher and context stack accumulates the contexts associated to all the devices and will parse and dispatch commands to each device accordingly. If the user interacts with the entire collection of devices, then a device is always active (the last activated context). This devices check if a new command fits its context stack. If not, it passes to a neighboring device that becomes active. The process is iterated until a match is found, and possibly confirmed by the user, or the request bounces back to the first device. In that case, an error or confusion message is returned to the user." Col. 41, lines 35-48.]

Regarding **Claim 89**, **Coffman** teaches:

… claim 88, **wherein the natural language utterance is associated with a current dialog between the system and a user, and wherein the context is identified further based on one or more prior dialogs between the system and the user.** [Coffman, "In other words, the term "context" refers to the state of each discourse (whether active or normative), which keeps track of the past history of the discourse, its current state, and the specific characteristics and full query arguments of the corresponding task (e.g., vocabulary file, language model, parsing, tags, voiceprint, TTS rules, grammar, NLU etc. of each active task/process) along with any data needed for input understanding." Col. 22, lines 20-28.]

Claim 118 is a method claim with limitations similar to the limitations of Claim 56 which are rejected under similar rationale.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

2. Claims 58 and 73 are rejected under 35 U.S.C. 103(a) as being unpatentable over Coffman in view of Knockeart (U.S. 6,968,311).

Regarding **Claim 58**, Coffman does not teach what happens in the case of sensing hazardous conditions.

Knockeart teaches:

58. The mobile system of claim 56, **wherein the instructions cause the one or more processors to determine whether processing the command or query will create a hazardous condition for the vehicle**. [Knockeart, teaches that telematics requests that are deemed dangerous are rejected: "Device 100 accepts external condition signals 180. Depending on those signals, in some modes of operation device 100 rejects manual inputs. A "switch" 360 in the flowchart in FIG. 3 indicates this selection of modes in which manual input is rejected. For example, in some configurations in which device 100 is integrated in a vehicle (see FIG. 2), manual inputs are rejected when the vehicle speed is too fast for the user to safely use manual inputs

and manual input could result in a user being distracted for too long a time at that speed. Note that whether or not manual inputs are accepted may depend on the nature of those inputs. For example, while it may be safe to provide a simple manual input for which the user does not have to take his eyes off the road such a manual input may not be rejected, but a manual input that requires the driver to select from a list or type an input on a numeric or alphabetic keyboard may be rejected since this would require the driver to potentially unsafely take his eyes off the road.." Col. 4, Lines 47-64.]

Coffman and Knockeart are from the art speech and also pertain to cars and telematics and it would have been obvious to one of ordinary skill in the art at the time of the invention to combine the telematics related aspects of Knockeart that pertain to hazards of driving with the speech related commands of Coffman to arrive at a speech driven command/query system that performs a command in view of determining the potential outcome considering the condition of operation of the car as combining prior art elements according to known methods to yield predictable results. See MPEP 2141, KSR, 550 U.S. at___, 82 USPQ2d at 1396.

Apparatus Claim 58 and method **Claim 73** are related as apparatus and the method of using same, with each claimed element's function corresponding to the claimed method step. Accordingly the method Claim 73 is similarly rejected under the same rationale as applied above with respect to the corresponding apparatus claim.

3. Claims 59 and 74 are rejected under 35 U.S.C. 103(a) as being unpatentable over Coffman and Knockeart in view of Lemelson (2002/0022927).

Regarding **Claim 59**, Knockeart teaches the telematics control unit that prevents certain types of manual input in response to detecting a high speed of travel (Col. 4, lines 46-64). Knockeart is not explicit about what it does in terms of communicating the hazard to the user other than cutting off his manual input option.

Lemelson teaches:

59. The mobile system of claim 58, wherein the instructions cause the one or more processors to:

provide interactive guidance to resolve the hazardous condition via an output device connected to the vehicle, based on a determination that processing the command or query will create the hazardous condition; and [Lemelson, teaches that an accident situation is determined based on position of the vehicle and other data and is communicated to the driver: " GPS satellite (4) ranging signals (6) received (32) on comm1, and DGPS auxiliary range correction signals and pseudolite carrier phase ambiguity resolution signals (8) from a fixed known earth base station (10) received (34) on comm2, at one of a plurality of vehicles/aircraft/automobiles (2) are computer processed (36) to continuously determine the one's kinematic tracking position on a pathway (14) with centimeter accuracy. That GPS-based position is **communicated** with selected other status information **to each other one of the plurality of vehicles** (2), to the one station (10), and/or to one of a plurality of control centers (16), and the one vehicle receives therefrom each of the others' status information and kinematic tracking position. Objects (22) are detected from all directions (300) by multiple supplemental mechanisms, e.g., video (54), radar/lidar (56), laser and optical scanners.

Data and information are computer processed and analyzed (50, 52, 200, 452) in neural networks (132, FIGS. 6-8) in the one vehicle to identify, rank, and evaluate collision hazards/objects, an expert operating response to which is determined in a fuzzy logic associative memory (484) which generates control signals which actuate a plurality of control systems of the one vehicle in a coordinated manner to maneuver it laterally and longitudinally to avoid each collision hazard, or, for motor vehicles, when a collision is unavoidable, to minimize injury or damage therefrom. The **operator is warned** by a heads up display and other modes and **may override**. An automotive auto-pilot mode is provided." Abstract. See also paragraph 54.]

receive an input that manually overrides the hazardous condition determination; and [Lemelson, " … The operator is warned by a heads up display and other modes and may **override**. An automotive auto-pilot mode is provided." Abstract. The manual override from the operator is the input that is received.]

process the command or query based on the manual override. [Lemelson, Abstract and paragraph 54. The command or query is now modified subject to the manual override.]

Lemelson like Knockeart is directed to telematics and control of vehicles and Coffman includes telematics as part of its disclosure. Accordingly, it would have been obvious to combine Lemelson with Coffman/Knockeart to arrive at a device with the added safety feature of accident prevention as use of a known technique to improve similar devices, methods, or products in the same way. See MPEP 2141, KSR, 550

U.S. at___, 82 USPQ2d at 1396.

Apparatus Claim 59 and method **Claim 74** are related as apparatus and the method of using same, with each claimed element's function corresponding to the claimed method step. Accordingly the method Claim 74 is similarly rejected under the same rationale as applied above with respect to the corresponding apparatus claim.

4. Claims 61 and 76 are rejected as being unpatentable over Coffman in view of Lerg (2002/0107694).

Regarding **Claim 61**, Coffman, as applied to Claim 56, teaches a distributed speech driven system that may be implemented on a car PC.

Lerg teaches:

… claim 56, wherein the instructions cause the one or more processors to:

associate one or more emergency words or phrases with a user; and [Lerg, Figure 5, [0054] III. Voice-Recognition Safety System for Chauffeured Vehicle", "[0069] In operation, when the driver faces an emergency situation such as an attempted robbery by a passenger, a hijacking, an accident, a flat tire, the user speaks the one or more key words or phrases. The microphone/sensor 110 transmits the signal(s) to the electronics 210. The voice-recognition chip 644 determines whether it recognizes the signal(s) as representing the key words or phrases indicative of an emergency. If the one or more key words or phrases are recognized, the alarm(s) 280 will be activated…." "[0061] The voice-recognition chip 644 may be used for speaker-dependent speech recognition or speaker-independent speech recognition…."]

identify the one or more words or phrases in the one or more recognized words or phrases, [Lerg, Figure 5, "[0069] … The voice-recognition chip 644 determines whether it recognizes the signal(s) as representing the key words or phrases indicative of an emergency…."]

wherein the second device is invoked to process the command or query to summon emergency help further based on the identification of the one or more emergency words or phrases. [Lerg, Figure 5, "[0070] Preferably, the system 642 will automatically communicate with one or more entities/locations (e.g., police dispatcher, taxi cab dispatcher, police) that an emergency has been detected. If the system 642 is part of or connected with a communication device such as two-way radio, wireless phone, pager, or the like, the system 642 may communicate with the one or more entities using the existing communication device…."]

Coffman and Lerg pertain to speech recognition and the use of speech recognition in cars and it would have been obvious to combine the emergency/panic keyword detection of Lerg with the system of Coffman considering that emergencies are a common aspect of driving and cars and this would have been combining prior art elements according to known methods to yield predictable results. See MPEP 2141, KSR, 550 U.S. at___, 82 USPQ2d at 1396.

Apparatus Claim 61 and method **Claim 76** are related as apparatus and the method of using same, with each claimed element's function corresponding to the claimed method step. Accordingly the method Claims are similarly rejected under the same rationale as applied above with respect to the corresponding apparatus claim.

5. Claims 62, 67, 77, 82, and 98 are rejected under 35 U.S.C. 103(a) as being unpatentable over Coffman in view of Obradovichl (7,902,969).

Regarding **Claim 62**, Coffman, as applied to Claim 56, teaches the speech controlled telematics control system.

Obradovichl teaches:

62. The mobile system of claim 56, wherein the instructions cause the one or more processors to:

detect an accident situation from information received from one or more sensors connected to the vehicle; [Obradovichl, Figure 23, "FIG. 23 illustrates a safety routine for determining whether the vehicle would clear an object in its path. Such a safety routine is triggered when one such object is detected, e.g., by detection subsystem 130." Col. 23, Lines 48-51. If it does not clear the object, it will collide with it.]

provide one or more interactive announcements or warnings via an output device connected to the vehicle in response to detecting the accident situation; [Obradovichl, Figure 23 "Processor 103 at step 1915 determines whether the lowest vehicle clearance exceeds the height of the object. If so, the routine comes to an end. Otherwise, processor 103 at step 1918 generates a **warning** to be shown on display 117 and/or **announced** through user interface 119, and instructs the user to either negotiate around the object or stop." Col. 23, Lines 57-65.]

receive an input that is in response to the one or more interactive

announcements or warnings, the input indicating a nature of the accident situation or a condition of a person in the vehicle; and [Obradovichl, "In accordance with the invention, the system provides driving assistance to the user by taking into account the user's physical condition, the vehicle condition and the surrounding conditions." Abstract. The vehicle condition and surrounding conditions indicate presence or absence or probability of an accident situation. Col. 2, lines 24-40.]

communicate the nature of the accident situation or the condition of the person in the vehicle to emergency personnel over a communications link. [Obradovichl, The scenario presented in Figure 23 does not expressly include a communication to emergency personnel. However, according to the description of Figure 4, the impaired condition of the driver is communicated to the emergency personnel: "Referring to FIG. 4, recorder subsystem 178 is provided for recording data related to the driver's condition and behavior, the vehicle's condition, and the surrounding conditions..... Processor 2303 may communicate the data to a remote location, via communications subsystem 154. The remote location receives the data from which information is derived for use in reports for fleet management, **police**, insurance, and/or other purposes." Col. 6, Lines 41-59. Police constitutes emergency personnel.]

Coffman includes car PC and personal vehicle assistant in its embodiments and Obradovichl pertains to interaction with motor vehicles and both use speech recognition/synthesis in the process. Accordingly, it would have been obvious to one of ordinary skill in the art at the time of the invention to combine Obradovich's extensive

capabilities with Coffman to include the capabilities of ObradovichI in the system of Coffman. Note that Obradovich's "user interface 119" in Figure 1 includes speech recognition and synthesis capability. (ObradovichI, Col. 4, Line 66 to Col. 5, Line 3: “User interface 119 comprises conventional audio circuitry including a microphone, voice recognition circuit, voice synthesizer and speaker to allow communications of verbal commands and audio information with system 100.”)

Regarding **Claim 67**, the combination, as applied to Claim 56, teaches the speech controlled telematics control system but do not teach the specifics of this claim that ObradovichI teaches:

67. The mobile system of claim 56, wherein the instructions cause the one or more processors to:

detect that the vehicle is approaching or has exceeded a travel limit for the vehicle; [ObradovichI, Figure 5 includes a situation where the location of the driver at time t may be determined. From this information it can be detected whether the driver has exceeded a travel limit: "It should be realized that additional data can be analyzed when determining the context of the driver's situation at time t. For example, navigation data from vehicle control subsystem 121 can be used to determine the vehicle's location at time t and indicate whether the driver was on course at that time.” Col. 7, Lines 21-26.]

provide interactive guidance for returning to the travel limit via an output device connected to the vehicle in response to detecting that the vehicle is approaching or has exceeded the travel limit; and [ObradovichI, “When the user

utilizes navigation system 205 to request instructions for a given destination, the user is elicited for information concerning the destination, any intermediate stops, etc. Such elicitation is realized by posing questions on display 117 and/or by uttering those questions using a synthesized voice through the speaker in user interface 119. The user then provides verbal responses (or commands) to such questions through the microphone in same. Relying on the aforementioned speech recognition circuitry, navigation system 205 recognizes and registers the responses. Using stored map information, system 205 then provides on display 117 a suggested route leading to the destination. Furthermore, based on the knowledge of the vehicle's instantaneous speeds and directions, system 205 is capable of verbally and visually directing the user to the destination." Col. 5, Lines 39-53. Part of directing the user to the destination is telling the user where he has arrived or has past the destination.]

determine whether to extend the travel limit. [Obradovichl, Col. 5, Lines 39-53, provided above. The user can provide verbal commands to the navigation system. The user can provide a new destination which would be equivalent to extending the travel limit.]

Rationale for combination similar to that provided for Claim 62.

Apparatus Claims 62 and 67 and method **Claims 77 and 82** are related as apparatus and the method of using same, with each claimed element's function corresponding to the claimed method step. Accordingly the method Claims 77 and 82 are similarly rejected under the same rationale as applied above with respect to the corresponding apparatus claim.

Regarding **Claim 98**, Coffman, as applied to Claim 56, teaches the speech controlled system but does not teach the fatigue aspects that **Obradovichl** teaches:

98. The mobile system of claim 56**, wherein the one or more processors are programmed to:**

receive an indication of fatigue of a user of the vehicle; and

initiate a dialog with the user to determine a fatigue level of the user. [Obradovichl "Thus, in accordance with an aspect of the invention, system 100 includes driver condition subsystem 123 to provide information concerning the physical condition and cognitive state of the user handling the vehicle. Referring to FIG. 3, subsystem 123 comprises cognitive measuring system 303 for measuring the user's alertness, which may be adversely affected by illness, extreme **fatigue**, abnormal stress, medication or alcohol. For example, to determine whether the user is alert enough to drive, when the user attempts to start the subject vehicle, system 303 causes different colors in random order to be shown one by one on display 117. The user is requested to identify each displayed color via voice recognition or selection of an appropriate choice shown on display 117. If each displayed color is correctly identified, processor 103 causes the vehicle to start."]

Rationale for combination similar to that provided for Claim 62.

6. Claims 63 and 78 are rejected under 35 U.S.C. 103(a) as being unpatentable over Coffman and Obradovichl, in view of Odinak (7,406,421).

Regarding **Claim 63**, Obradovichl, as applied to Claim 62, teaches the detection

of an emergency situation and establishing communication with the police but is not explicit regarding a voice channel. **Odinak** teaches this feature:

63. The mobile system of claim 62, **wherein the instructions cause the one or more processors to establish a voice channel over a communications link to enable communication between the person in the vehicle and the emergency personnel**. [Odinak, Figure 1 shows the components and Figure 5 shows that the user can contact a human operator if he wants to (element 220: "Does the user want to contact a human operator?" and "connect user to the human operator 224." "FIG. 1 shows a system 20, a telematics control unit, within a vehicle that performs the present invention. System 20 includes a user interface 22 having a microphone 24 for capturing the user's voice; a display 26; speakers 28; and an interface entry 30 for allowing the user to perform various interactive functions. System 20 also includes a processor 32; a global positioning system (GPS) 34 for determining precise vehicle locations; and a communications device 36, such as a cellular modem, for transmitting and receiving wireless information. System 20 is also coupled to receive information from other vehicle systems (not shown), such as a speedometer, an engine, or a braking system."]

Odinak is from the art of speech applied in "a vehicle based telematics control unit" as combination is. It would have been obvious to one of ordinary skill at the time of the invention to combine the capability of Odinak regarding live communication with police and emergency personnel in the case of an emergency where time is of the essence as combining prior art elements according to known methods to yield predictable results. See MPEP 2141, KSR, 550 U.S. at___, 82 USPQ2d at 1396.

Apparatus **Claim 78** and method Claim 63 are related as apparatus and the method of using same, with each claimed element's function corresponding to the claimed method step. Accordingly Claim 78 is similarly rejected under the same rationale as applied above with respect to apparatus Claim 63.

7. Claims 64-66, 68, 79-81, 83, and 119-122 are rejected under 35 U.S.C. 103(a) as being unpatentable over Coffman in view of ObradovichII (6,275,231).

Regarding **Claim 64**, Coffman's example does not indicate that the car PC or PVA retrieve information regarding the car itself.

ObradovichII teaches:

… claim 56, **wherein the command or query is to be processed on-bard the vehicle and wherein the command or query includes a query of an aspect of the vehicle**. [ObradovichII, Figure 1, "master control interface 117" and Figure 2 which expands the "master control interface 117." In Figure 1, the "master control interface 117" is connected via the "common bus 113" to various aspects of the vehicle such as "brake subsystem 125" and "suspension subsystem 129" and may report on the status of these systems. "Depression of QUICK TIPS key 219d enables the user to obtain answers to frequently asked questions (FAQs) and multimedia (i.e., audio, text and video) information regarding different features (e.g., safety features) of the vehicle, and various systems and subsystems embodied therein." Col. 19, lines 7-11. This is not by speech. But, further down Col. 19 (lines 22-25 and 30-35), it is indicated that information may by provided by Voice through Voice Key 219e. As to input via voice,

the description of the GPS feature (col. 6, lines 41-65) states that the system 100 includes a speech recognition capability: "The user then provides verbal responses thereto through an audio input. Relying on standard speech recognition circuitry in system 100, navigation system 329 recognizes and registers the responses." Col. 29, lines 55-60.]

Coffman and ObradovichII pertain to speech and use of speech recognition in mobile environments including cars. It would have been obvious to one of ordinary skill in the art at the time of the invention to combine the feature of ObradovichII that collects or elicits information from the systems of a car and is capable to use speech recognition and synthesis with the distributed system of Coffman that may be used in a car PC to increase the capability of the Coffman system to provide more information to the driver. (ObradovichII: "It should be noted at this point that the audio medium is an important medium for presenting information to the user especially when he/she is driving and needs to keep his/her eyes on the road." Col. 19, lines 29-32.)

Regarding **Claim 65**, Coffman, as applied to Claim 56, teach the speech controlled system but do not teach the specifics of this claim that ObradovichII teaches:

… claim 64, **wherein the query relates to status information associated with one or more on-board systems of the vehicle**. [ObradovichII, Figure 1, the systems shown are on-board systems for the vehicle.]

The combination of ObradovichII and Coffman is obvious under the rationale of Claim 64.

Regarding **Claim 66**, Coffman does not teach a query directed to car sensors.

ObradovichII teaches:

… claim 64, wherein the instructions cause the one or more processors to:

provides a natural language speech response to the query based on one or more data sources that are on-board the vehicle. [ObradovichII, Figure 2, "voice 219e." "In addition, VOICE key 219e to be described may be selected to have the text read to the user, along with its display." Col. 19, lines 22-24. "It should be noted at this point that the audio medium is an important medium for presenting information to the user especially when he/she is driving and needs to keep his/her eyes on the road. As such, VOICE key 219e is provided to afford an option for voice presentation of instructions, displayed options, and description of various systems and features of the vehicle." Col. 19, lines 29-35.]

The combination of ObradovichII and Coffman is obvious under the rationale of Claim 64.

Regarding **Claim 68**, **ObradovichII** teaches:

… claim 56, **wherein the command or query is to be processed on-board the vehicle, and wherein the command or query includes a command to control the vehicle**. [ObradovichII, "As shown in FIG. 3, subsystem 121 also includes electronic transmission/throttle system 325, which operates under the control of processor 103 in accordance with certain drivetrain routines." Col. 5, lines 45-46. "Instructed by one of the drivetrain routines, which is denoted 400 in FIG. 5, processor 103 detects whether the user has selected a transmission gear different from the currently engaged gear, as indicated at step 403. The gear selection is achieved by depressing DRIVETRAIN key

211b, followed by operating indicator device 227 or 229." Col. 5, lines 52-60. The drivetrain key controls the car. And the specification in the description of the Navigation feature states that speech recognition may be used for input of the commands in addition to the use of the key. Col. 6, lines 50-65. The two disclosures together teach or make obvious that drivetrain may be speech activated as well.]

The combination of ObradovichII and Coffman is obvious under the rationale of Claim 64.

Apparatus Claim 64 and method **Claim 79** are related as apparatus and the method of using same, with each claimed element's function corresponding to the claimed method step. Accordingly Claim 79 is similarly rejected under the same rationale as applied above with respect to apparatus Claim 64.

Apparatus Claims 65 and method **Claims 80** are related as apparatus and the method of using same, with each claimed element's function corresponding to the claimed method step. Accordingly the method Claims 80 are similarly rejected under the same rationale as applied above with respect to the corresponding apparatus claim.

Apparatus Claim 66 and method **Claim 81** are related as apparatus and the method of using same, with each claimed element's function corresponding to the claimed method step. Accordingly the method Claim 81 is similarly rejected under the same rationale as applied above with respect to the corresponding apparatus claim.

Apparatus Claim 68 and method **Claim 83** are related as apparatus and the method of using same, with each claimed element's function corresponding to the claimed method step. Accordingly the method Claim 83 is similarly rejected under the

same rationale as applied above with respect to the corresponding apparatus claim.

New method **Claim 119** has a limitation similar to the limitation of Claim 68 and is rejected under similar rationale.

New method **Claims 120-122** have a limitation similar to the limitations of Claim 64-66 and are rejected under similar rationale.

8. Claims 70 and 85 are rejected under 35 U.S.C. 103(a) as being unpatentable over Coffman in view of Shen (7,478,036).

Regarding **Claim 70**, Coffman teaches the use of context and history but does not teach probability.

Shen teaches:

… claim 69, **wherein the plurality of dictionary and phrase entries are further dynamically updated based on one or more dynamic fuzzy set possibilities or prior probabilities derived from the history of the current dialog and the prior dialogs**. [Shen "C. Filtering out rules may be established based upon prior probabilities. For example, if there is a prior statistic language model derived from standard corpus where we can get Ps(w1 . . . wn), which is the probability of the new extracted word NW=w1 . . . wn, we can calculate Pc(w1 . . . wn) from the current corpus easily. If Pc(w1 . . . wn)/Ps(w1 . . . wn) is large, it means this new word appears relatively more frequently in the current corpus than in standard corpus. So it is a real new word for this domain. Otherwise, it means this new word combinations are common for standard domain also, so not a new word." Col. 6, Lines 25-35.]

Shen is from the same field of speech as Coffman and it would have been obvious to use the prior probability of the terms in the building of the dictionary considering that this is a usual method in the art and would be use of a known technique to improve similar devices, methods, or products in the same way.

Apparatus Claim 70 and method **Claim 85** are related as apparatus and the method of using same, with each claimed element's function corresponding to the claimed method step. Accordingly the method Claim 85 is similarly rejected under the same rationale as applied above with respect to the corresponding apparatus claim.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Breed (2002/0188392) teaches summoning help to the vehicle over one or more communication links, in "[0018] The present invention is related to methods and apparatus for sensing and determining the status of occupants in a vehicle prior to, during and/or after an accident or deployment of an airbag and transmitting data relating to the occupants to a remote facility such as an emergency response station."

Obradovichl (7,902,969) teaches providing remedial instructions that address the one or more problems, in: "If the temperature data indicates that the engine is dangerously close to overheating or has overheated, processor 103 may instruct the user to "Pull Over" immediately at a safe location." Col. 21, Lines 54-57. "At step 1617 processor 103 further instructs the user on how to rectify the condition. For example, instructions such as "Turn on Heater" to assist in cooling down the engine, "Open

Windows" to prevent the user from getting too hot inside the car, and "Drive to a Service Station" may be communicated through display 117 and/or user interface 119." Col. 21, Lines 41-47. "If the alternator is rotating outside the predetermined range, for example, too slowly, then the user is notified that the alternator belt is slipping and should be changed or repaired." Col. 22, lines 47-50.

ObradovichIII (6,754,485) teaches an alternative to the OnStar service that uses a car email (C-mail) instead of a cell phone that is used by OnStar and provides interactive information to the driver based on GPS data of the car. (Col. 1, Lines 64-67. Col. 4, Lines 33-36. Col. 12, Lines 4-17. Col. 11, Lines 10-13.

Pryor (2009/0273563, priority 2000**)** "[0148] … o. Preventive maintenance screen, with data, predicted service times, and even camera images of key parts of vehicle such as wheels, engine, etc. …" teaches providing the service schedule to the driver on a screen but not the actual scheduling.

Coffman (U.S. 2009/0313026, priority 1999**)** teaches the use of context in determining to which device a command is directed: "[0174] When a user interacts with the collection of devices, the interaction may always be via a central unit such as a PVA (personal vehicle assistant) 710 in a car, or a speech browser 713. The task dispatcher and context stack accumulates the contexts associated to all the devices and will parse and dispatch commands to each device accordingly. If the user interacts with the entire collection of devices, then a device is always active (the last activated context). This devices check if a new command fits its context stack. If not, it passes to a neighboring device that becomes active. The process is iterated until a match is found, and possibly

confirmed by the user, or the request bounces back to the first device. In that case, an error or confusion message is returned to the user." And also "The conversational arguments allow a dialog engine to estimate the relevance of a new query by the NLU engine, based on the current state and context."

Sukehiro (2004/0205671) also teaches the multi-threaded event manager of Claim 57 in Figure 10, "communication control unit 31," "[0110] The machine translation network system 1 in this embodiment is capable of responding to translation requests from multiple users simultaneously. A single paired machine translation system 14 and HTML parser 17 can operate on a time-sharing basis to respond to multiple translation requests simultaneously, for example, or the system may include multiple pairs of these facilities, which respond to separate translation requests simultaneously. In the latter case, multiple translation requests can be handled simultaneously by loading copies of a machine translation program into the main memories of multiple central processing units (CPUs) with which the server 3 is provided." "[0140] The communication control unit 31 (which includes functions of the HTTP daemon 10, log analyzer 11, communication tools 13a, translation processor 13b, and user registration and authentication unit 13d in FIG. 1) controls communication with the browser and input devices and an external Internet facility (not visible) that stores documents, enabling the retrieval and translation server 23 to retrieve documents from the external Internet facility and supply the retrieved documents or translations thereof to the browser and input devices 24." "[0139] The retrieval and translation server 23 retrieves documents and executes various tasks, including machine translation of the documents. Its

component elements include a communication control unit 31, a machine translation unit 32, a dictionary manager 33, a dictionary data base 34, and a terminology incorporator 35."

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to FARIBA SIRJANI whose telephone number is (571)270-1499. The examiner can normally be reached on Monday through Thursday 9am to 4pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Pierre-Louis Desir can be reached on 571-272-7799. The fax phone

number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/FARIBA SIRJANI/
Examiner, Art Unit 2659

/PIERRE-LOUIS DESIR/
Supervisory Patent Examiner, Art Unit 2659

Notice of References Cited	Application/Control No. 12/705,311	Applicant(s)/Patent Under Reexamination KENNEWICK ET AL.	
	Examiner FARIBA SIRJANI	Art Unit 2659	Page 1 of 2

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	O					
	P					
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	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
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	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Notice of References Cited	Application/Control No. 12/705,311	Applicant(s)/Patent Under Reexamination KENNEWICK ET AL.	
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Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12705311	KENNEWICK ET AL.
	Examiner	Art Unit
	FARIBA SIRJANI	2626

CPC- SEARCHED		
Symbol	Date	Examiner

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
704	270, 275	11-5-2011	fs

SEARCH NOTES		
Search Notes	Date	Examiner
Inventor search.	11-5-2011	fs
Keyword search of PGPUB, USPAT and Derwent.	11-5-2011	fs
Search advice from M. Opsasnick and J. Wozniak.	11-7-2011	fs
Update inventor search and conduct keyword search.	7-24-2012	fs
Update inventor search and conduct keyword search and receive search advice from P. D. Shah.	4-29-2013	fs
Update inventor search and conduct keyword search.	9-16-2013	fs

INTERFERENCE SEARCH			
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/FARIBA SIRJANI/ Examiner.Art Unit 2626	

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12705311	KENNEWICK ET AL.
	Examiner	**Art Unit**
	FARIBA SIRJANI	2626

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIM		DATE								
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	91		✓	✓	-					

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12705311	KENNEWICK ET AL.
	Examiner	**Art Unit**
	FARIBA SIRJANI	2626

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
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☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Docket Number	Application Number
	090611-0384800	12/705,311
	Applicant(s)	
	Robert A. KENNEWICK *et al.*	
	Filing Date	Group Art Unit
Form PTO-1449	February 12, 2010	2659

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OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

EXAMINER	DATE CONSIDERED
/Fariba Sirjani/	09/06/2013

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Docket Number	Application Number
	090611-0384800	12/705,311
	Applicant(s)	
	Robert A. KENNEWICK *et al.*	
	Filing Date	Group Art Unit
Form PTO-1449	February 12, 2010	2659

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OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

EXAMINER	/Fariba Sirjani/	DATE CONSIDERED	09/06/2013

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /F.S./

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
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		"20030112267" | "20030182132" | "20040025115" | "20040044516" | "20040166832" | "20040199375" | "20050021334" | "20050021826" | "20050033574" | "20050114116" | "20050246174" | "20070033005" | "20070038436" | "20070050191" | "20080091406" | "20080103761" | "20080115163" | "20080133215" | "20090117885" | "20090144271" | "4430669" | "5155743" | "5274560" | "5377350" | "5386556" | "5424947" | "5471318" | "5475733" | "5499289" | "5500920" | "5517560" | "5533108" | "5537436" | "5539744" | "5557667" | "5563937" | "5590039" | "5617407" | "5633922" | "5675629" | "5696965" | "5708422" | "5721938" | "5722084" | "5742763" | "5752052" | "5754784" | "5761631" | "5774859" | "5794050" | "5797112" | "5799276" | "5802510" | "5832221" | "5878385" | "5878386" | "5892813" | "5895466" | "5902347" | "5911120" | "5918222" | "5926784" | "5933822" | "5953393" | "5963894" | "5963940" | "5987404" | "5991721" | "5995119" | "6009382" | "6014559" | "6021384" | "6044347" | "6049602" | "6058187" | "6078886" | "6081774" | "6101241" | "6119087" | "6134235" | "6144667" | "6160883" | "6173279" | "6175858" | "6185535" | "6192110" | "6192338" | "6195634" | "6195651" | "6208972" | "6219346" | "6219643" | "6233556" | "6233559" | "6246981" | "6272455" | "6292767" | "6314402" | "6366886" | "6381535" | "6385646" | "6393428" | "6404878" | "6408272" | "6411810").PN. OR ("6415257" | "6418210" | "6420975" | "6430285" | "6434523" | "6434524" | "6442522" | "6446114" | "6453153" | "6453292" | "6456711" | "6466654" | "6466899" | "6498797" | "6499013" | "6501833" | "6501834" | "6513006" | "6523061" | "6532444" | "6539348" | "6553372" | "6556970" | "6556973" | "6560576" | "6567778" | "6567797" | "6570555" | "6570964" | "6574597" | "6574624" | "6594257" | "6598018" | "6604077" | "6611692" | "6614773" | "6615172" | "6629066" | "6631346" | "6643620" | "6650747" | "6691151" | "6721001" | "6721706" | "6735592" | "6741931" | "6742021" | "6757718" | "6795808" | "6833848" | "6865481" | "6877134" | "6901366" | "6937977" | "6944594" | "6973387" | "6980092" | "6990513" | "6996531" | "7020609" | "7027975" | "7062488" | "7092928" | "7127400" | "7137126" | "7146319" | "7289606" | "7376645" | "7398209" | "7424431" | "7461059" | "7493559").PN.				
S14	196	S11 or S12	US-	OR	ON	2011/11/05

			PGPUB; USPAT; DERWENT			13:28
S15	3	"6615172".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 06:00
S16	117	"s196" and pars$4	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 06:02
S17	82	"s196" and pars$4 and (GPS telematics navigat$4)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 06:03
S18	2	"7693720".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 06:08
S19	1	S18 and pars$4 and (GPS telematics navigat$4)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 06:08
S20	23	"10/452147"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 06:25
S21	2	"20100145700".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 07:12
S22	2	"7693720".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 09:13
S23	2	"6937977".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 09:41
S24	4263	telematics.ti,abst,bsum,clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:49
S25	140	telematics.ti,abst,bsum,clm. and "704".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:49
S26	1732	telematics.ti,abst,bsum,clm. and (command query)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:50
S27	102	telematics.ti,abst,bsum,clm. and (command query) and "704".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:50
S28	28	telematics.ti,abst,bsum,clm. and (command query) and "704".clas. and safety	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:51

S29	71	telematics.ti,abst,bsum,clm. and (command query) and "704".clas. and (safety hazard$4 emergency panic)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:52
S30	72	telematics.ti,abst,bsum,clm. and (command query warn$4) and "704".clas. and (safety hazard$4 emergency panic)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:53
S31	73	telematics.ti,abst,bsum,clm. and (command query warn$4) and "704".clas. and (safety hazard$4 emergency panic accident)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:53
S32	76	telematics.ti,abst,bsum,clm. and (command query warn$4 sensor) and "704".clas. and (safety hazard$4 emergency panic accident)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:54
S33	77	telematics.ti,abst,bsum,clm. and (command query warn$4 sensor) and "704".clas. and (safety hazard$4 emergency panic accident travel)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:54
S34	6	telematics.ti,abst,bsum,clm. and (command query warn$4 sensor) and "704".clas. and (safety hazard$4 emergency panic accident travel) and ((dialogue interactive convers$4) near5 (history record))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:55
S35	71	telematics.ti,abst,bsum,clm. and (command query warn$4 sensor) and "704".clas. and (safety hazard$4 emergency panic accident travel) not kennewick	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:56
S36	71	telematics.ti,abst,bsum,clm. and (command query warn$4 sensor) and "704".clas. and (safety hazard$4 emergency panic accident travel) not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:56
S37	134	telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 11:18
S38	63	telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not S36	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 11:19
S39	52	telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not S36 not rhoads.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 11:19
S40	105	telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not rhoads.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 12:15
S41	105	telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not rhoads.in. and ay>="2002"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 12:16
S42	105	telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not rhoads.in. and fy>="2002"	US-PGPUB; USPAT;	OR	ON	2011/11/07 12:17

			DERWENT			
S43	105	telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not rhoads.in. and fy<="2002"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 12:17
S44	105	fy<="2002" and telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not rhoads.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 12:17
S45	7	@py<="2002" and telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not rhoads.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 12:32
S46	275	@py<="2002" and telematics.ti,abst,bsum,clm. not kennewick.in. not rhoads.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 14:15
S47	2	09/918,360	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 08:37
S48	275	@py<="2002" and telematics.ti,abst,bsum,clm. not kennewick.in. not rhoads.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 09:20
S49	16	S48 and ((speech voice) near3 (recogni$4)) and mobile	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 09:20
S50	10	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and (telematic$4 onstar on-star) and @py<="2007"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 09:51
S51	846	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and @py<="2007"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 09:51
S52	39	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and (telematic$4 onstar on-star)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 09:51
S53	10	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and (telematic$4 onstar on-star) and @py<="2007"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 13:46
S54	39	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and (telematic$4 onstar on-star)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 13:46
S55	29	S54 not S53	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 13:46
S56	839	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and @py<="2007" not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 13:49

S57	541	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and @py<="2005" not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 13:49
S58	608	(car navig$5 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and @py<="2005" not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 14:15
S59	596	(car navig$5 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and @py<="2005" not kennewick.in. not parry.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 14:22
S60	534	(car navigation navigator vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and @py<="2005" not kennewick.in. not parry.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 14:36
S61	118	(car navigation navigator vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and @py<="2005" not kennewick.in. not parry.in. and (mobile near3 device)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 14:42
S62	2	"7275049".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 14:59
S63	15	("7275049").URPN.	USPAT	OR	ON	2011/11/08 14:59
S64	15	("7275049").URPN.	USPAT	OR	ON	2011/11/08 14:59
S65	10	("20030204492" | "20040162724" | "20040193420" | "5003506" | "5799276" | "6173251" | "6327343" | "6510417" | "6901364" | "7103563").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/08 14:59
S66	10	("20030204492" | "20040162724" | "20040193420" | "5003506" | "5799276" | "6173251" | "6327343" | "6510417" | "6901364" | "7103563").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/08 14:59
S67	25	S64 or S65	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/08 14:59
S68	15	("7275049").URPN.	USPAT	OR	ON	2011/11/09 08:57
S69	10	("20030204492" | "20040162724" | "20040193420" | "5003506" | "5799276" | "6173251" | "6327343" | "6510417" | "6901364" | "7103563").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/09 08:57
S70	24	S68 or S69 not kennewick.in.	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/09 08:57
S71	3	"6901364".pn.	US-PGPUB;	OR	ON	2011/11/09 14:16

			USPAT; DERWENT			
S72	3	"6910003".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/09 14:21
S73	41	(US-20020188392-$ or US-20020175647-$ or US-20020173889-$ or US-20020164973-$ or US-20020151297-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040205671-$ or US-20040199375-$ or US-20040168119-$ or US-20030204492-$).did. or (US-7219063-$ or US-6968311-$ or US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6970935-$ or US-6910003-$ or US-6885734-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-6901364-$ or US-6173251-$).did.	US-PGPUB; USPAT	OR	ON	2011/11/10 07:29
S74	17	S73 and ((multiple several many) near3 (user input entry dialog))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 07:30
S75	12	S73 and ((multiple several many) near3 (user input entry dialog)) and pars$4	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 07:58
S76	2	"6185535".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 09:50
S77	0	704/275.clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 10:27
S78	2577	704/275.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 10:28
S79	1168	704/275.ccls. and @py<="2005"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 10:28
S80	813	704/275.ccls. and @py<="2005"	USPAT	OR	ON	2011/11/10 10:28
S81	5	704/275.ccls. and @py<="2005" and (telematic telematics)	USPAT	OR	ON	2011/11/10 10:28
S82	10	704/275.ccls. and @py<="2005" and	US-	OR	ON	2011/11/10

		(telematic telematics)	PGPUB; USPAT; DERWENT			12:36
S83	2	704/275.ccls. and (telematic telematics) and (manual near3 override)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 12:37
S84	11	704/275.ccls. and (manual near3 override)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 12:37
S85	9	704/275.ccls. and (manual near3 override) not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 12:38
S86	818	704/275.ccls. and (interactive) not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 12:53
S87	316	704/275.ccls. and (interactive) and (car vehicle auto$4) not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 12:54
S88	163	704/275.ccls. and (interactive) and (car vehicle auto$4).ti,abst,bsum,clm. not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 13:48
S89	2	"6185535".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:22
S90	2	"6980092".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:24
S91	2	"20020151297".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:27
S92	2	"6466232".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:33
S93	2	"6108532".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:33
S94	2	"6718187".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:34
S95	2	"6546257".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:35
S96	2	"6405106".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:35

S97	2	"6389278".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:37
S98	2	"20010023397".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 07:16
S99	2	"20060122834".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 07:18
S100	2	"5797116".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 07:38
S101	5	"7302383".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 07:44
S102	5	("20010011217" | "20020165862" | "20030125955" | "6615172" | "6904428").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/11 07:45
S103	6	("7302383").URPN.	USPAT	OR	ON	2011/11/11 08:14
S104	614	calcar	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:14
S105	147	calcar and (car vehicle automobile)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:15
S106	130	calcar and (car vehicle automobile) not polymer	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:15
S107	130	calcar and (car vehicle automobile) not polymer not calcar.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:33
S108	119	calcar and (car vehicle automobile) not polymer and obradovich.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:33
S109	142	(car vehicle automobile) not polymer and obradovich.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:33
S110	178	obradovich.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:33
S111	135	obradovich.in. near michael	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:34

S112	39	obradovich.in. near michael and accident	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:34
S113	100	(obradovich.in. near michael) and (hazard$4 danger$4 accident$4)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 10:18
S114	49	(obradovich.in. near michael) and ((hazard$4 danger$4 accident$4) near3 condition)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 10:19
S115	1	(obradovich.in. near michael) and ((danger$4 accident$4) near3 condition)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 10:34
S116	10	"7,902,969".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 10:51
S117	10	"7902969".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 10:51
S118	10	"7902969".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 10:51
S119	39	obradovich.in. near michael and accident	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 15:43
S120	480134	obradovich.in. near michael and (panic emergency crime)]	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 18:25
S121	125	obradovich.in. near michael and (panic emergency crime)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 18:25
S122	44	obradovich.in. near michael and (panic crime)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 18:26
S123	29	obradovich.in. near michael and (panic crime) not (crime adj area)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 18:26
S124	27	obradovich.in. near michael and (panic crime) not (crime adj (rate area))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 18:27
S125	9	obradovich.in. near michael and ((interactive near5 guidance) (negotiat$4))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 07:03
S126	0	obradovich.in. near michael and ((interactive near5 guidance) (negotiat$4)) not (negotiat$4 adj3	US-PGPUB; USPAT;	OR	ON	2011/11/12 07:04

		corner)	DERWENT			
S127	0	obradovich.in. near michael and (interactive near5 guidance)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 07:04
S128	20	obradovich.in. near michael and onstar	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 07:04
S129	9	obradovich.in. near michael and ((call$4 communicat$4) with (other nearby) with (car vehicle automobile))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 09:10
S130	2290	((call$4 communicat$4) with (other nearby) with (car vehicle automobile))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 09:12
S131	872	((call$4 communicat$4) with (other nearby) with (car vehicle automobile)) and @py<="2005"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 09:12
S132	467	((call$4 communicat$4) with (other nearby) with (car vehicle automobile)) and @py<="2002"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 09:12
S133	75	((call$4 communicat$4) with (other nearby) with (car vehicle automobile)) and @py<="2002" and accident	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 10:12
S134	88	(US-20020188392-$ or US-20020175647-$ or US-20020173889-$ or US-20020164973-$ or US-20020151297-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040205671-$ or US-20040199375-$ or US-20040168119-$ or US-20030204492-$).did. or (US-20100312566-$ or US-20090313026-$ or US-20090216540-$ or US-20060190269-$ or US-20050257174-$ or US-20040215464-$ or US-20030083884-$ or US-20040193426-$ or US-20020022927-$).did. or (US-7219063-$ or US-6968311-$ or US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6970935-$ or US-6910003-$ or US-6885734-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-6901364-$ or US-6173251-$ or US-6839670-$ or US-	US-PGPUB; USPAT	OR	ON	2011/11/12 11:54

		7406421-$ or US-7920682-$ or US-7801731-$ or US-7769143-$ or US-7426467-$ or US-6411934-$ or US-5812977-$ or US-4797924-$ or US-6108532-$ or US-6405106-$).did. or (US-7902969-$ or US-7802198-$ or US-7748021-$ or US-7741959-$ or US-7739039-$ or US-7702455-$ or US-7656310-$ or US-7650234-$ or US-7593812-$ or US-7561065-$ or US-7535344-$ or US-7522992-$ or US-7499778-$ or US-7461561-$ or US-7475057-$ or US-7417531-$ or US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6405132-$ or US-6401036-$ or US-6370475-$).did.				
S135	2	S134 and wolfe	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 11:54
S136	2	"6877001".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 11:57
S137	7	(fuzzy prior aprior) near3 (probability possibility)with (history near6 dialog speech) with dictionary	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 06:18
S138	2	(fuzzy prior aprior) near3 (probability possibility)with (history near6 dialog speech) with dictionary not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 06:18
S139	26	(fuzzy prior aprior) near3 (probability possibility) with dictionary not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 06:19
S140	2	(fuzzy prior aprior) near3 (probability possibility) and glushnev.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 06:40
S141	22	(fuzzy prior aprior) near3 (probability possibility) and 704/10.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 06:41
S142	25506	((multiple several many) near4 (user speaker)) and ((voice speech) near5 (recogni$4))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 07:32
S143	4513	((multiple several many) near4 (user speaker dialog)) and ((voice speech) near5 (recogni$4)) and "704".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 07:32
S144	48	((multiple several many) near4 (user speaker dialog)) and ((voice speech) near5 (recogni$4)) and "704".clas. and ((overlap$4 simultaneous$4) near4 (dialog))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 07:33

S145	48	((multiple several many) near3 (user speaker dialog)) and ((voice speech) near3 (recogni$4)) and "704".clas. and ((overlap$4 simultaneous$4) near4 (dialog))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 07:39
S146	47	((multiple several many) near3 (user speaker dialog)) and ((voice speech) near3 (recogni$4)) and "704".clas. and ((overlap$4 simultaneous$4) near4 (dialog)) not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 07:39
S147	51	((multiple several many) adj3 (user speaker dialog)) and "704".clas. and ((overlap$4 simultaneous$4) near4 (dialog)) not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 08:01
S148	3	"6910003".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/06 13:40
S149	2	"6910003".pn. and speech	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/06 13:58
S150	98	(US-8195468-$ or US-8155962-$ or US-8150694-$ or US-8145489-$ or US-8144838-$ or US-8140335-$ or US-8140327-$ or US-8131458-$ or US-8112275-$ or US-8082153-$ or US-8078471-$ or US-8078397-$ or US-8073681-$ or US-8073590-$ or US-8069046-$ or US-8060301-$ or US-8015006-$ or US-7983917-$ or US-7953599-$ or US-7949529-$ or US-7917527-$ or US-7917367-$ or US-7912702-$ or US-7873519-$ or US-7844460-$ or US-7831426-$).did. or (US-7818176-$ or US-7809570-$ or US-7805309-$ or US-7729904-$ or US-7725321-$ or US-7725320-$ or US-7725307-$ or US-7702508-$ or US-7698131-$ or US-7693720-$ or US-7672841-$ or US-7657424-$ or US-7647225-$ or US-7640160-$ or US-7634409-$ or US-7624007-$ or US-7620549-$ or US-7599838-$ or US-7590224-$ or US-7567907-$ or US-7555431-$ or US-7502738-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/10 10:27
S151	89	(US-20020188392-$ or US-20020175647-$ or US-20020173889-$ or US-20020164973-$ or US-20020151297-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040205671-$ or US-20040199375-$	US-PGPUB; USPAT	OR	ON	2012/07/10 10:28

		or US-20040168119-$ or US-20030204492-$).did. or (US-20100312566-$ or US-20090313026-$ or US-20090216540-$ or US-20060190269-$ or US-20050257174-$ or US-20040215464-$ or US-20030083884-$ or US-20040193426-$ or US-20020022927-$).did. or (US-7219063-$ or US-6968311-$ or US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6970935-$ or US-6910003-$ or US-6885734-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-6901364-$ or US-6173251-$ or US-6839670-$ or US-7406421-$ or US-7920682-$ or US-7801731-$ or US-7769143-$ or US-7426467-$ or US-6411934-$ or US-5812977-$ or US-4797924-$ or US-6108532-$ or US-6405106-$).did. or (US-7902969-$ or US-7802198-$ or US-7748021-$ or US-7741959-$ or US-7739039-$ or US-7702455-$ or US-7656310-$ or US-7650234-$ or US-7593812-$ or US-7561065-$ or US-7535344-$ or US-7522992-$ or US-7499778-$ or US-7461561-$ or US-7475057-$ or US-7417531-$ or US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6405132-$ or US-6401036-$ or US-6370475-$).did. or (US-7478036-$).did.				
S152	0	S151 and S150	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/10 10:28
S153	289	("20010049601" | "20020015500" | "20020035501" | "20030016835" | "20030110037" | "20030115062" | "20030120493" | "20030144846" | "20030158731" | "20030206640" | "20030212550" | "20040098245" | "20040167771" | "20050137877" | "20050143994" | "20070033020" | "20070073544" | "20070118357" | "20080065386" | "20080140385" | "20090216540" | "20090271194" | "20110112827" | "20110112921" | "20110131036" | "20110131045" | "20110231182" | "20110231188" | "20120022857" | "20120101809" | "20120101810" | "20120109753" | "5027406" | "5060367" | "5208748" | "5357596" | "5577165" | "5608635" | "5740256" | "5748974" | "5839107" | "5897613" | "5960397" | "5960399" | "5960447" | "5995928" | "6018708" | "6035267" | "6049607" | "6067513" | "6085186" | "6108631" | "6167377" | "6173266" | "6188982" | "6208964" |	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/10 10:41

		"6233561" | "6266636" | "6269336" | "6278968" | "6366882" | "6377913" | "6397181" | "6405170" | "6429813" | "6510417" | "6522746" | "6549629" | "6587858" | "6594367" | "6606598" | "6622119" | "6633846" | "6681206" | "6701294" | "6704708" | "6751612" | "6757544" | "6832230" | "6868380" | "6912498" | "6934756" | "6954755" | "6959276" | "6975993" | "6983055" | "7003463" | "7024364" | "7035415" | "7043425" | "7054817" | "7058890" | "7069220" | "7072834" | "7107210" | "7110951" | "7143037" | "7165028" | "7184957" | "7197069" | "7206418" | "7207011" | "7236923" | "7277854" | "7305381" | "7328155" | "7337116" | "7366669" | "7415414" | "7447635" | "7472020" | "7472060" | "7493259" | "7516076" | "7536297" | "7536374" | "7558730" | "7574362" | "7577244" | "7606708" | "7676365" | "7676369" | "7729918" | "7788084" | "7831433" | "7873523" | "7917367" | "7949529" | "7949537" | "7983917" | "8015006" | "8069046" | "8073681" | "8086463" | "8112275" | "8140327" | "8140335" | "8145489" | "8150694" | "8155962").PN.				
S154	140	("20010049601" | "20020015500" | "20020035501" | "20030016835" | "20030110037" | "20030115062" | "20030120493" | "20030144846" | "20030158731" | "20030206640" | "20030212550" | "20040098245" | "20040167771" | "20050137877" | "20050143994" | "20070033020" | "20070073544" | "20070118357" | "20080065386" | "20080140385" | "20090216540" | "20090271194" | "20110112827" | "20110112921" | "20110131036" | "20110131045" | "20110231182" | "20110231188" | "20120022857" | "20120101809" | "20120101810" | "20120109753" | "5027406" | "5060367" | "5208748" | "5357596" | "5577165" | "5608635" | "5740256" | "5748974" | "5839107" | "5897613" | "5960397" | "5960399" | "5960447" | "5995928" | "6018708" | "6035267" | "6049607" | "6067513" | "6085186" | "6108631" | "6167377" | "6173266" | "6188982" | "6208964" | "6233561" | "6266636" | "6269336" | "6278968" | "6366882" | "6377913" | "6397181" | "6405170" | "6429813" | "6510417" | "6522746" | "6549629" | "6587858" | "6594367" | "6606598" | "6622119" | "6633846" | "6681206" | "6701294" | "6704708" | "6751612" | "6757544" | "6832230" | "6868380" | "6912498" | "6934756" | "6954755" | "6959276" | "6975993" | "6983055" | "7003463" | "7024364" | "7035415" |	US-PGPUB; USPAT	OR	ON	2012/07/10 10:42

		"7043425" | "7054817" | "7058890" | "7069220" | "7072834" | "7107210" | "7110951" | "7143037" | "7165028" | "7184957" | "7197069" | "7206418" | "7207011" | "7236923" | "7277854" | "7305381" | "7328155" | "7337116" | "7366669" | "7415414" | "7447635" | "7472020" | "7472060" | "7493259" | "7516076" | "7536297" | "7536374" | "7558730" | "7574362" | "7577244" | "7606708" | "7676365" | "7676369" | "7729918" | "7788084" | "7831433" | "7873523" | "7917367" | "7949529" | "7949537" | "7983917" | "8015006" | "8069046" | "8073681" | "8086463" | "8112275" | "8140327" | "8140335" | "8145489" | "8150694" | "8155962").PN.				
S155	0	S150 and S151 and S154	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/10 10:48
S156	264	S150 S151 S154	US-PGPUB; USPAT	OR	ON	2012/07/10 10:48
S157	140	("20010049601" | "20020015500" | "20020035501" | "20030016835" | "20030110037" | "20030115062" | "20030120493" | "20030144846" | "20030158731" | "20030206640" | "20030212550" | "20040098245" | "20040167771" | "20050137877" | "20050143994" | "20070033020" | "20070073544" | "20070118357" | "20080065386" | "20080140385" | "20090216540" | "20090271194" | "20110112827" | "20110112921" | "20110131036" | "20110131045" | "20110231182" | "20110231188" | "20120022857" | "20120101809" | "20120101810" | "20120109753" | "5027406" | "5060367" | "5208748" | "5357596" | "5577165" | "5608635" | "5740256" | "5748974" | "5839107" | "5897613" | "5960397" | "5960399" | "5960447" | "5995928" | "6018708" | "6035267" | "6049607" | "6067513" | "6085186" | "6108631" | "6167377" | "6173266" | "6188982" | "6208964" | "6233561" | "6266636" | "6269336" | "6278968" | "6366882" | "6377913" | "6397181" | "6405170" | "6429813" | "6510417" | "6522746" | "6549629" | "6587858" | "6594367" | "6606598" | "6622119" | "6633846" | "6681206" | "6701294" | "6704708" | "6751612" | "6757544" | "6832230" | "6868380" | "6912498" | "6934756" | "6954755" | "6959276" | "6975993" | "6983055" | "7003463" | "7024364" | "7035415" | "7043425" | "7054817" | "7058890" | "7069220" | "7072834" | "7107210" | "7110951" | "7143037" | "7165028" |	US-PGPUB; USPAT	OR	ON	2012/07/10 12:30

		"7184957" | "7197069" | "7206418" | "7207011" | "7236923" | "7277854" | "7305381" | "7328155" | "7337116" | "7366669" | "7415414" | "7447635" | "7472020" | "7472060" | "7493259" | "7516076" | "7536297" | "7536374" | "7558730" | "7574362" | "7577244" | "7606708" | "7676365" | "7676369" | "7729918" | "7788084" | "7831433" | "7873523" | "7917367" | "7949529" | "7949537" | "7983917" | "8015006" | "8069046" | "8073681" | "8086463" | "8112275" | "8140327" | "8140335" | "8145489" | "8150694" | "8155962").PN.				
S158	2	"6944593".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/21 13:16
S159	3	"6910003".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/22 10:27
S160	92	("6910003").URPN.	USPAT	OR	ON	2012/07/22 14:38
S161	10	("5434777" | "5742816" | "5748974" | "5895464" | "6038561" | "6446081" | "6510406" | "6578022" | "6601026" | "6745161").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2012/07/22 14:38
S162	102	S160 S161	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/22 14:38
S163	98	S160 S161 and domain	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/22 14:39
S167	16	(US-6745161-$ or US-8170867-$ or US-8219599-$ or US-8155962-$ or US-7953732-$ or US-7873519-$ or US-7831426-$ or US-7542894-$ or US-7321850-$ or US-7299186-$ or US-7283951-$ or US-7190770-$ or US-7107218-$ or US-6601026-$ or US-6578022-$ or US-5895464-$).did.	USPAT	OR	ON	2012/07/22 19:18
S169	289	("20010049601" | "20020015500" | "20020035501" | "20030016835" | "20030110037" | "20030115062" | "20030120493" | "20030144846" | "20030158731" | "20030206640" | "20030212550" | "20040098245" | "20040167771" | "20050137877" | "20050143994" | "20070033020" | "20070073544" | "20070118357" | "20080065386" | "20080140385" | "20090216540" | "20090271194" | "20110112827" | "20110112921" | "20110131036" | "20110131045" | "20110231182" | "20110231188" | "20120022857" | "20120101809" | "20120101810" | "20120109753" |	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 06:38

		"5027406" | "5060367" | "5208748" | "5357596" | "5577165" | "5608635" | "5740256" | "5748974" | "5839107" | "5897613" | "5960397" | "5960399" | "5960447" | "5995928" | "6018708" | "6035267" | "6049607" | "6067513" | "6085186" | "6108631" | "6167377" | "6173266" | "6188982" | "6208964" | "6233561" | "6266636" | "6269336" | "6278968" | "6366882" | "6377913" | "6397181" | "6405170" | "6429813" | "6510417" | "6522746" | "6549629" | "6587858" | "6594367" | "6606598" | "6622119" | "6633846" | "6681206" | "6701294" | "6704708" | "6751612" | "6757544" | "6832230" | "6868380" | "6912498" | "6934756" | "6954755" | "6959276" | "6975993" | "6983055" | "7003463" | "7024364" | "7035415" | "7043425" | "7054817" | "7058890" | "7069220" | "7072834" | "7107210" | "7110951" | "7143037" | "7165028" | "7184957" | "7197069" | "7206418" | "7207011" | "7236923" | "7277854" | "7305381" | "7328155" | "7337116" | "7366669" | "7415414" | "7447635" | "7472020" | "7472060" | "7493259" | "7516076" | "7536297" | "7536374" | "7558730" | "7574362" | "7577244" | "7606708" | "7676365" | "7676369" | "7729918" | "7788084" | "7831433" | "7873523" | "7917367" | "7949529" | "7949537" | "7983917" | "8015006" | "8069046" | "8073681" | "8086463" | "8112275" | "8140327" | "8140335" | "8145489" | "8150694" | "8155962").PN.				
S170	140	("20010049601" | "20020015500" | "20020035501" | "20030016835" | "20030110037" | "20030115062" | "20030120493" | "20030144846" | "20030158731" | "20030206640" | "20030212550" | "20040098245" | "20040167771" | "20050137877" | "20050143994" | "20070033020" | "20070073544" | "20070118357" | "20080065386" | "20080140385" | "20090216540" | "20090271194" | "20110112827" | "20110112921" | "20110131036" | "20110131045" | "20110231182" | "20110231188" | "20120022857" | "20120101809" | "20120101810" | "20120109753" | "5027406" | "5060367" | "5208748" | "5357596" | "5577165" | "5608635" | "5740256" | "5748974" | "5839107" | "5897613" | "5960397" | "5960399" | "5960447" | "5995928" | "6018708" | "6035267" | "6049607" | "6067513" | "6085186" | "6108631" | "6167377" | "6173266" | "6188982" | "6208964" | "6233561" | "6266636" | "6269336" | "6278968" | "6366882" | "6377913" | "6397181" | "6405170" | "6429813" |	US-PGPUB; USPAT	OR	ON	2012/07/23 06:38

		"6510417" | "6522746" | "6549629" | "6587858" | "6594367" | "6606598" | "6622119" | "6633846" | "6681206" | "6701294" | "6704708" | "6751612" | "6757544" | "6832230" | "6868380" | "6912498" | "6934756" | "6954755" | "6959276" | "6975993" | "6983055" | "7003463" | "7024364" | "7035415" | "7043425" | "7054817" | "7058890" | "7069220" | "7072834" | "7107210" | "7110951" | "7143037" | "7165028" | "7184957" | "7197069" | "7206418" | "7207011" | "7236923" | "7277854" | "7305381" | "7328155" | "7337116" | "7366669" | "7415414" | "7447635" | "7472020" | "7472060" | "7493259" | "7516076" | "7536297" | "7536374" | "7558730" | "7574362" | "7577244" | "7606708" | "7676365" | "7676369" | "7729918" | "7788084" | "7831433" | "7873523" | "7917367" | "7949529" | "7949537" | "7983917" | "8015006" | "8069046" | "8073681" | "8086463" | "8112275" | "8140327" | "8140335" | "8145489" | "8150694" | "8155962").PN.				
S171	118	S170 and (command control query)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 06:39
S172	113	(US-20020188392-$ or US-20020175647-$ or US-20020173889-$ or US-20020164973-$ or US-20020151297-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040205671-$ or US-20040199375-$ or US-20040168119-$ or US-20030204492-$).did. or (US-20090313026-$ or US-20090216540-$ or US-20060190269-$ or US-20050257174-$ or US-20040215464-$ or US-20040193426-$ or US-20020022927-$ or US-20030158731-$ or US-20030144846-$ or US-20030120493-$).did. or (US-6968311-$ or US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6970935-$ or US-6910003-$ or US-6885734-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-6901364-$ or US-6173251-$ or US-6839670-$ or US-7920682-$ or US-7769143-$ or US-7426467-$ or US-6411934-$ or US-	US-PGPUB; USPAT	OR	ON	2012/07/23 09:23

		5812977-$ or US-4797924-$ or US-6108532-$ or US-6405106-$ or US-7902969-$ or US-7802198-$ or US-7748021-$).did. or (US-7741959-$ or US-7739039-$ or US-7702455-$ or US-7656310-$ or US-7650234-$ or US-7593812-$ or US-7561065-$ or US-7535344-$ or US-7522992-$ or US-7499778-$ or US-7461561-$ or US-7475057-$ or US-7417531-$ or US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6405132-$ or US-6401036-$ or US-6370475-$ or US-7478036-$ or US-8170867-$ or US-8219599-$).did. or (US-8155962-$ or US-7953732-$ or US-7873519-$ or US-7831426-$ or US-7542894-$ or US-7321850-$ or US-7299186-$ or US-7283951-$ or US-7190770-$ or US-7107218-$ or US-6601026-$ or US-6578022-$ or US-5895464-$ or US-7676365-$ or US-7558730-$ or US-7447635-$ or US-7337116-$ or US-7328155-$ or US-7305381-$ or US-7207011-$ or US-7184957-$ or US-7069220-$ or US-7003463-$ or US-6959276-$).did.				
S173	38	S172 and (hazard$4 danger$4)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 09:24
S174	2	"20020022927".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 09:45
S176	379	("20030212550" | "20040098245" | "20070073544" | "5357596" | "5960447" | "6173266" | "6366882" | "6405170" | "6522746" | "6975993" | "7143037" | "7206418" | "7328155" | "8140335" | "20030212562" | "20090273563" | "7107218" | "7801731" | "7137126" | "7478036" | "20030110037" | "20030115062" | "20050143994" | "20070118357" | "20110112827" | "20120101809" | "5608635" | "5839107" | "5897613" | "6167377" | "6188982" | "6208964" | "6266636" | "6751612" | "6934756" | "7003463" | "7035415" | "7043425" | "7197069" | "8086463" | "8150694" | "6601026" | "7321850" | "7831426" | "7953732" | "8219599" | "20020022927" | "20030204492" | "6275231" | "6754485" | "6968311" | "7902969" | "20020015500" | "20030120493" | "5060367" | "5740256" | "5748974" | "5960397" | "5960399" | "6035267" | "6108631" | "6510417" | "6704708" | "7024364" | "7236923" | "7493259" | "7536297" |	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 11:01

		"7558730" | "7606708" | "7788084" | "7949529" | "7873519" | "8170867" | "6362748" | "20030016835" | "20050137877" | "20070033020" | "20120109753" | "5208748" | "6018708" | "6049607" | "6587858" | "6606598" | "6681206" | "7058890" | "7472060" | "7676369" | "8145489" | "20100312566" | "6393403" | "6578022" | "7299186" | "8155962" | "6591239" | "20040167771" | "20110131045" | "6278968" | "6397181" | "6633846" | "6757544" | "6983055" | "7054817" | "7072834" | "7107210" | "7110951" | "7207011" | "7305381" | "7366669" | "7415414" | "7516076" | "7873523" | "20080147410" | "6745161" | "7283951" | "7406421" | "20090216540" | "20110112921" | "20110231182" | "20110231188" | "20120022857" | "5027406" | "5577165" | "6549629" | "6954755" | "6959276" | "7184957" | "7277854" | "7472020" | "7574362" | "7676365" | "7729918" | "7983917" | "8073681" | "8112275" | "8140327" | "8155962" | "5895464" | "7542894" | "20040205671" | "7406421" | "20010049601" | "20020035501" | "20030144846" | "20030158731" | "20080065386" | "20110131036" | "5995928" | "6067513" | "6085186" | "6233561" | "6377913" | "6594367" | "6868380" | "6912498" | "7337116" | "7447635" | "7536374" | "7917367" | "7949537" | "8069046" | "7190770" | "6910003" | "20030206640" | "20080140385" | "20090271194" | "20120101810" | "6269336" | "6429813" | "6622119" | "6701294" | "6832230" | "7069220" | "7165028" | "7577244" | "7831433" | "8015006").PN.				
S177	113	(US-20020188392-$ or US-20020175647-$ or US-20020173889-$ or US-20020164973-$ or US-20020151297-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040205671-$ or US-20040199375-$ or US-20040168119-$ or US-20030204492-$).did. or (US-20090313026-$ or US-20090216540-$ or US-20060190269-$ or US-	US-PGPUB; USPAT	OR	ON	2012/07/23 11:03

		20050257174-$ or US-20040215464-$ or US-20040193426-$ or US-20020022927-$ or US-20030158731-$ or US-20030144846-$ or US-20030120493-$).did. or (US-6968311-$ or US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6970935-$ or US-6910003-$ or US-6885734-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-6901364-$ or US-6173251-$ or US-6839670-$ or US-7920682-$ or US-7769143-$ or US-7426467-$ or US-6411934-$ or US-5812977-$ or US-4797924-$ or US-6108532-$ or US-6405106-$ or US-7902969-$ or US-7802198-$ or US-7748021-$).did. or (US-7741959-$ or US-7739039-$ or US-7702455-$ or US-7656310-$ or US-7650234-$ or US-7593812-$ or US-7561065-$ or US-7535344-$ or US-7522992-$ or US-7499778-$ or US-7461561-$ or US-7475057-$ or US-7417531-$ or US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6405132-$ or US-6401036-$ or US-6370475-$ or US-7478036-$ or US-8170867-$ or US-8219599-$).did. or (US-8155962-$ or US-7953732-$ or US-7873519-$ or US-7831426-$ or US-7542894-$ or US-7321850-$ or US-7299186-$ or US-7283951-$ or US-7190770-$ or US-7107218-$ or US-6601026-$ or US-6578022-$ or US-5895464-$ or US-7676365-$ or US-7558730-$ or US-7447635-$ or US-7337116-$ or US-7328155-$ or US-7305381-$ or US-7207011-$ or US-7184957-$ or US-7069220-$ or US-7003463-$ or US-6959276-$).did.				
S178	453	S176 S177	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 11:03
S179	49	S178 and emergency	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 11:04
S181	379	("20030212550" | "20040098245" | "20070073544" | "5357596" | "5960447" | "6173266" | "6366882" | "6405170" | "6522746" | "6975993" | "7143037" | "7206418" | "7328155" | "8140335" | "20030212562" | "20090273563" | "7107218" | "7801731" | "7137126" | "7478036" | "20030110037" | "20030115062" | "20050143994" | "20070118357" | "20110112827" | "20120101809" | "5608635" | "5839107" | "5897613" |	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 12:50

		"6167377" | "6188982" | "6208964" | "6266636" | "6751612" | "6934756" | "7003463" | "7035415" | "7043425" | "7197069" | "8086463" | "8150694" | "6601026" | "7321850" | "7831426" | "7953732" | "8219599" | "20020022927" | "20030204492" | "6275231" | "6754485" | "6968311" | "7902969" | "20020015500" | "20030120493" | "5060367" | "5740256" | "5748974" | "5960397" | "5960399" | "6035267" | "6108631" | "6510417" | "6704708" | "7024364" | "7236923" | "7493259" | "7536297" | "7558730" | "7606708" | "7788084" | "7949529" | "7873519" | "8170867" | "6362748" | "20030016835" | "20050137877" | "20070033020" | "20120109753" | "5208748" | "6018708" | "6049607" | "6587858" | "6606598" | "6681206" | "7058890" | "7472060" | "7676369" | "8145489" | "20100312566" | "6393403" | "6578022" | "7299186" | "8155962" | "6591239" | "20040167771" | "20110131045" | "6278968" | "6397181" | "6633846" | "6757544" | "6983055" | "7054817" | "7072834" | "7107210" | "7110951" | "7207011" | "7305381" | "7366669" | "7415414" | "7516076" | "7873523" | "20080147410" | "6745161" | "7283951" | "7406421" | "20090216540" | "20110112921" | "20110231182" | "20110231188" | "20120022857" | "5027406" | "5577165" | "6549629" | "6954755" | "6959276" | "7184957" | "7277854" | "7472020" | "7574362" | "7676365" | "7729918" | "7983917" | "8073681" | "8112275" | "8140327" | "8155962" | "5895464" | "7542894" | "20040205671" | "7406421" | "20010049601" | "20020035501" | "20030144846" | "20030158731" | "20080065386" | "20110131036" | "5995928" | "6067513" | "6085186" | "6233561" | "6377913" | "6594367" | "6868380" | "6912498" | "7337116" | "7447635" | "7536374" | "7917367" | "7949537" | "8069046" | "7190770" | "6910003" | "20030206640" | "20080140385" | "20090271194" | "20120101810" | "6269336" | "6429813" | "6622119" | "6701294" | "6832230" | "7069220" | "7165028" | "7577244" | "7831433" | "8015006").PN.				
S182	113	(US-20020188392-$ or US-20020175647-$ or US-20020173889-$ or US-20020164973-$ or US-20020151297-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$	US-PGPUB; USPAT	OR	ON	2012/07/23 12:50

		or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040205671-$ or US-20040199375-$ or US-20040168119-$ or US-20030204492-$).did. or (US-20090313026-$ or US-20090216540-$ or US-20060190269-$ or US-20050257174-$ or US-20040215464-$ or US-20040193426-$ or US-20020022927-$ or US-20030158731-$ or US-20030144846-$ or US-20030120493-$).did. or (US-6968311-$ or US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6970935-$ or US-6910003-$ or US-6885734-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-6901364-$ or US-6173251-$ or US-6839670-$ or US-7920682-$ or US-7769143-$ or US-7426467-$ or US-6411934-$ or US-5812977-$ or US-4797924-$ or US-6108532-$ or US-6405106-$ or US-7902969-$ or US-7802198-$ or US-7748021-$).did. or (US-7741959-$ or US-7739039-$ or US-7702455-$ or US-7656310-$ or US-7650234-$ or US-7593812-$ or US-7561065-$ or US-7535344-$ or US-7522992-$ or US-7499778-$ or US-7461561-$ or US-7475057-$ or US-7417531-$ or US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6405132-$ or US-6401036-$ or US-6370475-$ or US-7478036-$ or US-8170867-$ or US-8219599-$).did. or (US-8155962-$ or US-7953732-$ or US-7873519-$ or US-7831426-$ or US-7542894-$ or US-7321850-$ or US-7299186-$ or US-7283951-$ or US-7190770-$ or US-7107218-$ or US-6601026-$ or US-6578022-$ or US-5895464-$ or US-7676365-$ or US-7558730-$ or US-7447635-$ or US-7337116-$ or US-7328155-$ or US-7305381-$ or US-7207011-$ or US-7184957-$ or US-7069220-$ or US-7003463-$ or US-6959276-$).did.				
S183	453	S181 S182	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 12:50
S184	17	S183 and (emergency and service and cost)	US-PGPUB; USPAT;	OR	ON	2012/07/23 12:50

			DERWENT			
S185	1	S183 and (emergency and service and cost and profile and authenti$5)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:14
S186	49	S183 and (emergency)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:15
S187	189	S183 and (service)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:15
S188	61	S183 and (cost and service)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:16
S189	54	S183 and ((user near profile))	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:16
S190	20	S183 and (authenti$5)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:16
S191	41	S186 and S187	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:16
S192	17	S186 and S187 and S188	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:17
S193	2	S186 and S187 and S188 and S189	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:17
S194	3	S186 and S187 and S188 and S190	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:17
S195	14	S192 not S194	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:24
S196	379	("20030212550" | "20040098245" | "20070073544" | "5357596" | "5960447" | "6173266" | "6366882" | "6405170" | "6522746" | "6975993" | "7143037" | "7206418" | "7328155" | "8140335" | "20030212562" | "20090273563" | "7107218" | "7801731" | "7137126" | "7478036" | "20030110037" | "20030115062" | "20050143994" | "20070118357" | "20110112827" | "20120101809" | "5608635" | "5839107" | "5897613" | "6167377" | "6188982" | "6208964" | "6266636" | "6751612" | "6934756" | "7003463" | "7035415" | "7043425" |	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 14:54

		"7197069" | "8086463" | "8150694" | "6601026" | "7321850" | "7831426" | "7953732" | "8219599" | "20020022927" | "20030204492" | "6275231" | "6754485" | "6968311" | "7902969" | "20020015500" | "20030120493" | "5060367" | "5740256" | "5748974" | "5960397" | "5960399" | "6035267" | "6108631" | "6510417" | "6704708" | "7024364" | "7236923" | "7493259" | "7536297" | "7558730" | "7606708" | "7788084" | "7949529" | "7873519" | "8170867" | "6362748" | "20030016835" | "20050137877" | "20070033020" | "20120109753" | "5208748" | "6018708" | "6049607" | "6587858" | "6606598" | "6681206" | "7058890" | "7472060" | "7676369" | "8145489" | "20100312566" | "6393403" | "6578022" | "7299186" | "8155962" | "6591239" | "20040167771" | "20110131045" | "6278968" | "6397181" | "6633846" | "6757544" | "6983055" | "7054817" | "7072834" | "7107210" | "7110951" | "7207011" | "7305381" | "7366669" | "7415414" | "7516076" | "7873523" | "20080147410" | "6745161" | "7283951" | "7406421" | "20090216540" | "20110112921" | "20110231182" | "20110231188" | "20120022857" | "5027406" | "5577165" | "6549629" | "6954755" | "6959276" | "7184957" | "7277854" | "7472020" | "7574362" | "7676365" | "7729918" | "7983917" | "8073681" | "8112275" | "8140327" | "8155962" | "5895464" | "7542894" | "20040205671" | "7406421" | "20010049601" | "20020035501" | "20030144846" | "20030158731" | "20080065386" | "20110131036" | "5995928" | "6067513" | "6085186" | "6233561" | "6377913" | "6594367" | "6868380" | "6912498" | "7337116" | "7447635" | "7536374" | "7917367" | "7949537" | "8069046" | "7190770" | "6910003" | "20030206640" | "20080140385" | "20090271194" | "20120101810" | "6269336" | "6429813" | "6622119" | "6701294" | "6832230" | "7069220" | "7165028" | "7577244" | "7831433" | "8015006").PN.				
S197	113	(US-20020188392-$ or US-20020175647-$ or US-20020173889-$ or US-20020164973-$ or US-20020151297-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-	US-PGPUB; USPAT	OR	ON	2012/07/23 14:54

		20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040205671-$ or US-20040199375-$ or US-20040168119-$ or US-20030204492-$).did. or (US-20090313026-$ or US-20090216540-$ or US-20060190269-$ or US-20050257174-$ or US-20040215464-$ or US-20040193426-$ or US-20020022927-$ or US-20030158731-$ or US-20030144846-$ or US-20030120493-$).did. or (US-6968311-$ or US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6970935-$ or US-6910003-$ or US-6885734-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-6901364-$ or US-6173251-$ or US-6839670-$ or US-7920682-$ or US-7769143-$ or US-7426467-$ or US-6411934-$ or US-5812977-$ or US-4797924-$ or US-6108532-$ or US-6405106-$ or US-7902969-$ or US-7802198-$ or US-7748021-$).did. or (US-7741959-$ or US-7739039-$ or US-7702455-$ or US-7656310-$ or US-7650234-$ or US-7593812-$ or US-7561065-$ or US-7535344-$ or US-7522992-$ or US-7499778-$ or US-7461561-$ or US-7475057-$ or US-7417531-$ or US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6405132-$ or US-6401036-$ or US-6370475-$ or US-7478036-$ or US-8170867-$ or US-8219599-$).did. or (US-8155962-$ or US-7953732-$ or US-7873519-$ or US-7831426-$ or US-7542894-$ or US-7321850-$ or US-7299186-$ or US-7283951-$ or US-7190770-$ or US-7107218-$ or US-6601026-$ or US-6578022-$ or US-5895464-$ or US-7676365-$ or US-7558730-$ or US-7447635-$ or US-7337116-$ or US-7328155-$ or US-7305381-$ or US-7207011-$ or US-7184957-$ or US-7069220-$ or US-7003463-$ or US-6959276-$).did.				
S198	453	S196 S197	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 14:54
S199	19	S198 and (order$4 near3 part)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 14:54
S200	2560	(service near3 schedul$$) and (car	US-	OR	ON	2012/07/23

		vehicle telematics).ti,abst,bsum,clm.	PGPUB; USPAT; DERWENT			15:04
S201	31	(service near3 schedul$$) and (car vehicle telematics).ti,abst,bsum,clm. and "704".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 15:04
S202	31	(service near3 schedul$4) and (car vehicle telematics).ti,abst,bsum,clm. and "704".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 15:21
S203	64	((order$4 buy$4 purchas$4) near3 part) and (car vehicle telematics).ti,abst,bsum,clm. and "704".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 15:21
S204	45	((order$4 buy$4 purchas$4) adj3 part) and (car vehicle telematics).ti,abst,bsum,clm. and "704".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 15:23
S205	23	((order$4 buy$4 purchas$4) adj3 part) and (car vehicle telematics).ti,abst,bsum,clm. and "704".clas. not (in adj order)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 15:26
S206	45	((order$4 buy$4 purchas$4) adj3 part) and (car vehicle telematics).ti,abst,bsum,clm. and "704".clas. not (in adj order adj to)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 15:27
S207	45	((order$4 buy$4 purchas$4) adj3 part) and (car vehicle telematics).ti,abst,bsum,clm. and "704".clas. not ("in order to")	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 15:27
S208	45	((order$4 buy$4 purchas$4) adj3 part) and (car vehicle telematics).ti,abst,bsum,clm. and "704".clas. not("in order to")	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 15:27
S209	116	(command and query) near7 (context domain) and "704".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 16:49
S211	8649	704/270,275,251-257.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 07:42
S212	0	"l3" and ((vehicle car telematics) and (part near3 order) and (cost price)).clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 07:43
S213	32	"l3" and ((vehicle car telematics) and (cost price)).clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 07:43
S214	41	Kennewick.in. near robert	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 10:08
S215	9	Kennewick.in. near michael	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 10:08

S216	21	Kennewick.in. near richard	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 10:08
S217	98	locke.in. near david	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 10:08
S218	26	freeman.in. near tom	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 10:08
S219	12	elston.in. near stephen	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 10:08
S220	143	S214 S215 S216 S217 S218 S219	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 10:08
S221	180	S214 S215 S216 S217 S218 S219 or voicebox.as.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 10:09
S222	180	S214 S215 S216 S217 S218 S219 voicebox.as.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 10:09
S223	17	S222 and (command and query and context).clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 10:09
S236	4449	"l2" and (order$4 near3 part)	US-PGPUB; USPAT; DERWENT	OR	ON	2013/04/25 11:28
S240	99	(US-20020188392-$ or US-20020175647-$ or US-20020164973-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040168119-$ or US-20030204492-$ or US-20090216540-$ or US-20050257174-$ or US-20040215464-$ or US-20020022927-$).did. or (US-20080147410-$ or US-20030158731-$ or US-20030144846-$ or US-20030120493-$ or US-20030110037-$ or US-20030065427-$).did. or (US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-	US-PGPUB; USPAT	OR	ON	2013/04/25 14:17

		6801604-$ or US-6792082-$ or US-6745161-$ or US-7406421-$ or US-7801731-$ or US-7769143-$ or US-6411934-$ or US-5812977-$ or US-4797924-$ or US-6108532-$ or US-6405106-$ or US-7902969-$ or US-7802198-$ or US-7748021-$ or US-7741959-$ or US-7739039-$ or US-7702455-$ or US-7656310-$ or US-7650234-$ or US-7593812-$).did. or (US-7561065-$ or US-7535344-$ or US-7522992-$ or US-7499778-$ or US-7461561-$ or US-7475057-$ or US-7417531-$ or US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6405132-$ or US-6401036-$ or US-6370475-$ or US-7478036-$ or US-8170867-$ or US-8219599-$ or US-7953732-$ or US-7542894-$ or US-7321850-$ or US-7299186-$ or US-7283951-$ or US-7190770-$).did. or (US-7107218-$ or US-6601026-$ or US-6578022-$ or US-5895464-$ or US-7676365-$ or US-7447635-$ or US-7337116-$ or US-7328155-$ or US-7305381-$ or US-7207011-$ or US-7184957-$ or US-7003463-$ or US-6959276-$ or US-5577165-$).did.				
S241	99	(US-20020188392-$ or US-20020175647-$ or US-20020164973-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040168119-$ or US-20030204492-$ or US-20090216540-$ or US-20050257174-$ or US-20040215464-$ or US-20020022927-$).did. or (US-20080147410-$ or US-20030158731-$ or US-20030144846-$ or US-20030120493-$ or US-20030110037-$ or US-20030065427-$).did. or (US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6910003-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-7406421-$ or US-7801731-$ or US-7769143-$ or US-6411934-$ or US-5812977-$ or US-4797924-$ or US-6108532-$ or US-6405106-$ or US-7902969-$ or US-7802198-$ or US-7748021-$ or US-7741959-$ or US-7739039-$ or US-	US-PGPUB; USPAT	OR	ON	2013/04/25 14:17

		7702455-$ or US-7656310-$ or US-7650234-$ or US-7593812-$).did. or (US-7561065-$ or US-7535344-$ or US-7522992-$ or US-7499778-$ or US-7461561-$ or US-7475057-$ or US-7417531-$ or US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6405132-$ or US-6401036-$ or US-6370475-$ or US-7478036-$ or US-8170867-$ or US-8219599-$ or US-7953732-$ or US-7542894-$ or US-7321850-$ or US-7299186-$ or US-7283951-$ or US-7190770-$).did. or (US-7107218-$ or US-6601026-$ or US-6578022-$ or US-5895464-$ or US-7676365-$ or US-7447635-$ or US-7337116-$ or US-7328155-$ or US-7305381-$ or US-7207011-$ or US-7184957-$ or US-7003463-$ or US-6959276-$ or US-5577165-$).did.				
S263	37	(US-20120203557-$ or US-20100145700-$ or US-20070061735-$ or US-20060287783-$ or US-20050065779-$ or US-20040107097-$ or US-20030144005-$ or US-20090307031-$ or US-20080154581-$ or US-20060217849-$ or US-20020049535-$).did. or (US-7772966-$ or US-6754485-$ or US-7502672-$ or US-7487110-$ or US-7734287-$ or US-6636790-$ or US-6611739-$ or US-6556899-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2013/04/26 12:55
S264	28	(US-20120203557-$ or US-20100145700-$ or US-20070061735-$ or US-20060287783-$ or US-20050065779-$ or US-20040107097-$ or US-20030144005-$ or US-20090307031-$ or US-20080154581-$ or US-20060217849-$ or US-20020049535-$).did. or (US-7772966-$ or US-6754485-$ or US-7502672-$ or US-7487110-$ or US-7734287-$ or US-6636790-$ or US-6611739-$ or US-6556899-$).did. and cost	US-PGPUB; USPAT; DERWENT	OR	ON	2013/04/29 09:11
S265	31	(US-20120203557-$ or US-20100145700-$ or US-20070061735-$ or US-20060287783-$ or US-20050065779-$ or US-20040107097-$ or US-20030144005-$ or US-20090307031-$ or US-20080154581-$ or US-20060217849-$ or US-20020049535-$).did. or (US-7772966-$ or US-6754485-$ or US-7502672-$ or US-7487110-$ or US-7734287-$ or US-6636790-$ or US-6611739-$ or US-6556899-$).did. and (cost price)	US-PGPUB; USPAT; DERWENT	OR	ON	2013/04/29 09:11
S266	37	(US-20120203557-$ or US-20100145700-$ or US-20070061735-$ or US-20060287783-$ or US-20050065779-$ or US-20040107097-$	US-PGPUB; USPAT; DERWENT	OR	ON	2013/04/29 09:12

		or US-20030144005-$ or US-20090307031-$ or US-20080154581-$ or US-20060217849-$ or US-20020049535-$).did. or (US-7772966-$ or US-6754485-$ or US-7502672-$ or US-7487110-$ or US-7734287-$ or US-6636790-$ or US-6611739-$ or US-6556899-$).did.				
S267	21	S266 and (cost price)	US-PGPUB; USPAT; DERWENT	OR	ON	2013/04/29 09:12
S268	14	S266 and (schedul$4)	US-PGPUB; USPAT; DERWENT	OR	ON	2013/04/29 09:48
S269	2	"7472075".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2013/04/29 09:55
S270	1	"7472075".pn. and schedul$4	US-PGPUB; USPAT; DERWENT	OR	ON	2013/04/29 09:55
S271	1	"6278377".pn. and wip$4	US-PGPUB; USPAT; DERWENT	OR	ON	2013/04/29 10:44
S272	2	"20090273563".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2013/04/29 11:19
S277	109	(US-20020188392-$ or US-20020175647-$ or US-20020164973-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040168119-$ or US-20030204492-$ or US-20090216540-$ or US-20050257174-$ or US-20040215464-$ or US-20020022927-$).did. or (US-20090273563-$ or US-20030158731-$ or US-20030144846-$ or US-20030120493-$ or US-20030110037-$ or US-20030065427-$ or US-20090307031-$ or US-20020049535-$ or US-20070061735-$).did. or (US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6910003-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-7406421-$ or US-7801731-$ or US-	US-PGPUB; USPAT; DERWENT	OR	ON	2013/09/12 13:50

		6411934-$ or US-5812977-$ or US-6108532-$ or US-6405106-$ or US-7902969-$ or US-7802198-$ or US-7748021-$ or US-7741959-$ or US-7739039-$ or US-7702455-$ or US-7656310-$ or US-7650234-$ or US-7593812-$ or US-7561065-$).did. or (US-7535344-$ or US-7522992-$ or US-7499778-$ or US-7461561-$ or US-7475057-$ or US-7417531-$ or US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6405132-$ or US-6401036-$ or US-6370475-$ or US-7478036-$ or US-8170867-$ or US-8219599-$ or US-7953732-$ or US-7542894-$ or US-7321850-$ or US-7299186-$ or US-7283951-$ or US-7190770-$ or US-7107218-$).did. or (US-6601026-$ or US-6578022-$ or US-5895464-$ or US-7676365-$ or US-7447635-$ or US-7337116-$ or US-7328155-$ or US-7305381-$ or US-7207011-$ or US-7184957-$ or US-7003463-$ or US-6959276-$ or US-5577165-$ or US-7177798-$ or US-7472075-$ or US-7487110-$ or US-6278377-$ or US-7734287-$ or US-7502672-$ or US-6636790-$).did. or (US-20090307031-$).did.				
S285	101	(US-20020188392-$ or US-20020175647-$ or US-20020164973-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20040230494-$ or US-20040215449-$ or US-20040168119-$ or US-20030204492-$ or US-20090216540-$ or US-20050257174-$ or US-20040215464-$ or US-20090273563-$ or US-20030158731-$).did. or (US-20030144846-$ or US-20030120493-$ or US-20030110037-$ or US-20030065427-$ or US-20090307031-$ or US-20070061735-$).did. or (US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6792082-$ or US-7406421-$ or US-7801731-$ or US-7769143-$ or US-6411934-$ or US-5812977-$ or US-6108532-$ or US-6405106-$ or US-7902969-$ or US-7802198-$ or US-7748021-$ or US-7741959-$ or US-7739039-$ or US-7702455-$ or US-7656310-$ or US-	US-PGPUB; USPAT; DERWENT	OR	ON	2013/09/15 08:04

		7650234-$ or US-7593812-$ or US-7561065-$ or US-7535344-$ or US-7522992-$ or US-7499778-$).did. or (US-7461561-$ or US-7475057-$ or US-7417531-$ or US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6405132-$ or US-6401036-$ or US-6370475-$ or US-7478036-$ or US-8170867-$ or US-7953732-$ or US-7542894-$ or US-7321850-$ or US-7299186-$ or US-7283951-$ or US-7190770-$ or US-7107218-$ or US-6601026-$ or US-6578022-$ or US-5895464-$ or US-7676365-$).did. or (US-7447635-$ or US-7337116-$ or US-7328155-$ or US-7305381-$ or US-7207011-$ or US-7184957-$ or US-6959276-$ or US-5577165-$ or US-7177798-$ or US-7472075-$ or US-7487110-$ or US-6278377-$ or US-7734287-$ or US-7502672-$ or US-6636790-$).did. or (US-20090307031-$).did.				
S301	96	(US-20020188392-$ or US-20020175647-$ or US-20020164973-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20040230494-$ or US-20040215449-$ or US-20040168119-$ or US-20030204492-$ or US-20090216540-$ or US-20050257174-$ or US-20090273563-$ or US-20030158731-$ or US-20030144846-$).did. or (US-20030120493-$ or US-20030110037-$ or US-20030065427-$ or US-20090307031-$ or US-20070061735-$).did. or (US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6792082-$ or US-7406421-$ or US-7801731-$ or US-7769143-$ or US-6411934-$ or US-5812977-$ or US-6108532-$ or US-6405106-$ or US-7802198-$ or US-7748021-$ or US-7741959-$ or US-7739039-$ or US-7702455-$ or US-7656310-$ or US-7650234-$ or US-7593812-$ or US-7561065-$ or US-7522992-$ or US-7499778-$ or US-7461561-$ or US-7475057-$).did. or (US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6401036-$ or US-	US-PGPUB; USPAT; DERWENT	OR	ON	2013/09/15 13:21

		6370475-$ or US-7478036-$ or US-8170867-$ or US-7953732-$ or US-7542894-$ or US-7321850-$ or US-7299186-$ or US-7283951-$ or US-7190770-$ or US-7107218-$ or US-6601026-$ or US-6578022-$ or US-5895464-$ or US-7676365-$ or US-7447635-$ or US-7337116-$ or US-7328155-$ or US-7305381-$).did. or (US-7207011-$ or US-7184957-$ or US-6959276-$ or US-5577165-$ or US-7177798-$ or US-7472075-$ or US-7487110-$ or US-6278377-$ or US-7734287-$ or US-7502672-$ or US-6636790-$).did. or (US-20090307031-$).did.				

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S164	5171	(telematic car vehicle) and (command control query) and "704".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/22 16:07
S165	103	(telematic car vehicle) and (command control query) and "704".clas. and (telematic near7 (command control))	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/22 16:08
S166	103	(telematic car vehicle) and (command control query) and "704".clas. and (telematics near7 (command control))	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/22 16:08
S168	7	"Term Removed" or "Term Removed"	US-PGPUB; USPAT	OR	ON	2012/07/22 19:18
S175	9	"Term Removed" or "Term Removed"	US-PGPUB; USPAT	OR	ON	2012/07/23 09:23
S180	9	"Term Removed" or "Term Removed"	US-PGPUB; USPAT	OR	ON	2012/07/23 11:03
S210	117	(command and query) near7 (context domain) and "704".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/23 16:49
S224	8685	704/270,275,251-257.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 07:42
S225	9	S224 and ((vehicle car telematics) and (cost price)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 07:45
S226	24	S224 and ((vehicle car telematics) and ((driving near direction) (travel near service) (entertainment) (marketing) (lighting near control) (windshield near wiper))).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 08:12
S227	4	S224 and ((vehicle car telematics) and ((lighting near control) (windshield near	US-PGPUB;	OR	ON	2012/07/24 08:16

		wiper))).clm.	USPAT; UPAD			
S228	20	S224 and ((vehicle car telematics) and ((driving near direction) (travel near service) (entertainment) (marketing))).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 08:21
S229	6	S224 and ((vehicle car telematics) near7 (lighting near control))	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 08:50
S230	209	S224 and ((vehicle car telematics) and (authenticat$4))	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 08:52
S231	81	S224 and ((vehicle car telematics) and (authenticat$4 near5 user))	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 08:53
S232	71	S224 and ((vehicle car telematics) and (authenticat$4 near3 voice))	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 09:02
S233	0	S224 and ((vehicle car telematics) and (communication and control and power and sensor and external and history)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 09:11
S234	0	S224 and ((communication and control and power and sensor and external and history)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 09:11
S235	10	S224 and ((vehicle car telematics) and ((user driver person$4) near profile)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 09:23
S237	134	("20090313026" | "6968311" | "20080300878" | "20100036660" | "7676026" | "6810379" | "6999927" | "7840447" | "8112280" | "20070174188" | "20080221903" | "20090177461" | "20100217604" | "6996520" | "20030083884" | "20100106500" | "20040205671" | "20100076760" | "6035267" | "6954755" | "6970935" | "7426467" | "7617094" | "20060122834" | "20100235341" | "7729904" | "7831426" | "7912702" | "20090299849" | "7092887" | "7523108" | "7571106" | "7801729" | "7809610" | "8099289" | "8149467" | "8204238" | "7024364" | "7376632" | "8103510" | "20040176958" | "6173251" | "7917367" | "7920682" | "20050119897" | "20070185917" | "20100228540" | "7555431" | "7974972" | "8024195" | "8036901" | "20110218855" | "20040243419" | "20090306981" | "20120296649" | "20030115064" | "20040193426" | "20100312566" | "20120108221" | "6064963" | "6915246" | "8219608" | "20080021708" | "20090157401" | "7376556" | "7647225" | "7725320" | "6532446" | "7020685" |	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 11:17

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S238	134	"Term Removed" or "Term Removed" or "Term Removed" or "Term Removed" or "Term Removed" or "Term Removed"	US-PGPUB; USPAT	OR	ON	2013/04/25 11:26
S239	2	S238 and (order$4 near3 part)	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 11:28
S242	3499	(vehicle car automobile telematics).ti,abst. and (order$4 near3 part)	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 12:49
S243	4	(vehicle car automobile telematics).ti,abst. and (order$4 near3 part) and "704".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 12:50
S244	6	(vehicle car automobile telematics).ti,abst. and (cost with estimat$4) and "704".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 13:06
S245	52	(vehicle car automobile telematics).ti,abst. and (entertainment) and "704".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 13:48
S246	74	(vehicle car automobile telematics).ti,abst. and (market$4 shop$4 merchant) and "704".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 14:16
S247	36	"Term Removed" or "Term Removed"	US-PGPUB; USPAT	OR	ON	2013/04/25 14:17
S248	36	"Term Removed" or "Term Removed"	US-PGPUB; USPAT	OR	ON	2013/04/25 14:17
S249	134	"Term Removed" or "Term Removed" or "Term Removed" or "Term Removed" or	US-PGPUB;	OR	ON	2013/04/25 14:18

		"Term Removed" or "Term Removed"	USPAT			
S250	149	S248 S249	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 14:18
S251	217	S246 S250	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 14:18
S252	6	(vehicle car automobile telematics).ti,abst. and (market$4 shop$4 merchant) and S250	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 14:21
S253	143	S250 not S252	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 14:28
S254	74	(vehicle car automobile telematics).ti,abst. and (market$4 shop$4 merchant) and S251	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 14:36
S255	54	(vehicle car automobile telematics).ti,abst. and (light$4 with control$4) and "704".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 14:56
S256	44	(vehicle car automobile telematics).ti,abst. and (location with (shop store)) and "704".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 15:14
S257	54	(vehicle car automobile telematics).ti,abst. and (location with (shop store restaurant)) and "704".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 15:14
S258	3	"6487494".pn. "6748244".pn. "6591168".pn.	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 15:28
S259	2	"6487494".pn. "6748244".pn. "6591168".pn. and sandwitch	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 15:33
S260	0	("6487494".pn. "6748244".pn. "6591168".pn.) and sandwitch	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 15:33
S261	1	"7472075".pn.	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 15:35
S262	29	(vehicle car automobile telematics).ti,abst. and ((cost price) with (parts service)) and "704".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 15:43
S273	1	"20100145700".pn.	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/12 10:42
S274	1	S273 and command and query	US-	OR	ON	2013/09/12

			PGPUB; USPAT; UPAD			11:15
S275	1	S273 and command and query and local and remote	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/12 11:49
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S278	37	"Term Removed" or "Term Removed"	US-PGPUB; USPAT	OR	ON	2013/09/12 13:50
S279	145	"Term Removed" or "Term Removed" "Term Removed" or "Term Removed" or "Term Removed" or "Term Removed" or "Term Removed" or "Term Removed"	US-PGPUB; USPAT	OR	ON	2013/09/12 13:50
S280	12	S279 and (command same query) and ((local on$1board internal) same (remote off$1board external))	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/12 13:53
S281	17526	(command same query) and ((local on$1board internal) same (remote off$1board external))	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/12 16:51
S282	4257	(command same query) and ((local on$1board internal) same (remote off$1board external)) and @ay<="2002"	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/12 16:53
S283	123	(command same query) and ((local on$1board internal) same (remote off$1board external)) and @ay<="2002" and "704".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/12 16:53
S284	40	(command same query) and ((local on$1board internal) same (remote off$1board external)) and @ay<="2002" and "704".clas. and (car vehicle automobile telematics)	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/12 16:53
S286	55	"Term Removed" or "Term Removed" or "Term Removed"	US-PGPUB; USPAT	OR	ON	2013/09/15 08:04
S287	155	"Term Removed" or "Term Removed" or "Term Removed" "Term Removed" or "Term Removed" or "Term Removed" or "Term Removed" or "Term Removed" or "Term Removed"	US-PGPUB; USPAT	OR	ON	2013/09/15 08:05
S288	52	S287 and (accident emergency)	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/15 08:08
S289	8	S287 and (accident emergency) and ((person passenger driver) near condition)	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/15 08:09
S290	155	"Term Removed" or "Term Removed" or "Term Removed" "Term Removed" or "Term Removed" or "Term Removed" or "Term Removed" or "Term Removed" or "Term	US-PGPUB; USPAT	OR	ON	2013/09/15 09:39

		Removed"				
S291	1	S290 and (accident emergency) near (word phrase sentence)	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/15 09:39
S292	18	telematics and (accident emergency) near (word phrase sentence)	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/15 09:40
S293	381	(telematics car vehicle automobile).ti,abst,bsum,clm. and (accident emergency) near3 (word phrase sentence)	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/15 09:42
S294	278	(telematics car vehicle automobile).ti,abst,bsum,clm. and (accident emergency) near2 (word phrase sentence)	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/15 09:42
S295	74	(telematics car vehicle automobile).ti,abst,bsum,clm. and (accident emergency) near2 (word phrase sentence) and @ay<="2002"	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/15 09:43
S296	131	(telematics car vehicle automobile).ti,abst,bsum,clm. and (accident emergency) near4 (word phrase sentence keyword key-phrase) and @ay<="2002"	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/15 10:33
S297	57	S296 not S295	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/15 10:33
S298	151	(telematics car vehicle automobile).ti,abst,bsum,clm. and (accident panic crime emergency) near2 (word phrase sentence keyword key-word) and (speech voice)	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/15 11:01
S299	127	S298 not S296	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/15 11:01
S300	24	(telematics car vehicle automobile).ti,abst,bsum,clm. and (accident panic crime emergency) near2 (word phrase sentence keyword key-word) and (speech voice) and @ay<="2002"	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/15 11:02
S302	71	"Term Removed" or "Term Removed" or "Term Removed"	US-PGPUB; USPAT	OR	ON	2013/09/15 13:21
S303	166	"Term Removed" or "Term Removed" or "Term Removed" "Term Removed" or "Term Removed" or "Term Removed" or "Term Removed" or "Term Removed"	US-PGPUB; USPAT	OR	ON	2013/09/15 13:21
S304	68	S303 and (oil temperature heat$4 lights condition) near3 (car engine vehicle automobile)	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/15 13:25
S305	152	obradovich.in.	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/16 08:59

9/16/2013 12:37:48 PM
C:\Users\fsirjani\Documents\EAST\Workspaces\61 (1s).wsp

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/705,311	02/12/2010	Robert A. Kennewick	090611-0384800	8125

909 7590 11/15/2013

Pillsbury Winthrop Shaw Pittman, LLP (NV)
PO Box 10500
McLean, VA 22102

EXAMINER
SIRJANI, FARIBA

ART UNIT	PAPER NUMBER
2659	

NOTIFICATION DATE	DELIVERY MODE
11/15/2013	ELECTRONICELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

docket_ip@pillsburylaw.com
heather.marthers@pillsburylaw.com

Applicant-Initiated Interview Summary	Application No.	Applicant(s)	
	12/705,311	KENNEWICK ET AL.	
	Examiner	Art Unit	
	FARIBA SIRJANI	2659	

All participants (applicant, applicant's representative, PTO personnel):

(1) *FARIBA SIRJANI*. (3) *Ngai Zhang*.

(2) *Pierre Desir*. (4)_____.

Date of Interview: *11/12/2013*.

Type: ☐ Telephonic ☐ Video Conference
☐ Personal [copy given to: ☐ applicant ☐ applicant's representative]

Exhibit shown or demonstration conducted: ☒ Yes ☐ No.
If Yes, brief description: *list of Claims to be discussed*.

Issues Discussed ☐101 ☐112 ☒102 ☒103 ☐Others
(For each of the checked box(es) above, please describe below the issue and detailed description of the discussion)

Claim(s) discussed: *56,61,64 and 65*.

Identification of prior art discussed: *Coffman, Obradovich and Lerg*.

Substance of Interview
(For each issue discussed, provide a detailed description and indicate if agreement was reached. Some topics may include: identification or clarification of a reference or a portion thereof, claim interpretation, proposed amendments, arguments of any applied references etc...)

Potential claim amendments were discussed that would overcome the currently cited art.

Applicant recordation instructions: The formal written reply to the last Office action must include the substance of the interview. (See MPEP section 713.04). If a reply to the last Office action has already been filed, applicant is given a non-extendable period of the longer of one month or thirty days from this interview date, or the mailing date of this interview summary form, whichever is later, to file a statement of the substance of the interview

Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

☐ Attachment

/FARIBA SIRJANI/ Examiner, Art Unit 2659	/PIERRE-LOUIS DESIR/ Supervisory Patent Examiner, Art Unit 2659

Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record
A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews
Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.
All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:
- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:
1) A brief description of the nature of any exhibit shown or any demonstration conducted,
2) an identification of the claims discussed,
3) an identification of the specific prior art discussed,
4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
5) a brief identification of the general thrust of the principal arguments presented to the examiner,
   (The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
6) a general indication of any other pertinent matters discussed, and
7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

Doc Code: A.NE.AFCP
Document Description: After Final Consideration Pilot Program Request

PTO/SB/434 (05-13)

CERTIFICATION AND REQUEST FOR CONSIDERATION UNDER THE AFTER FINAL CONSIDERATION PILOT PROGRAM 2.0

Practitioner Docket No.:	Application No.:	Filing Date:
090611-0384800	12/705,311	February 12, 2010
First Named Inventor:	**Title:**	
Robert A. Kennewick	MOBILE SYSTEMS AND METHODS FOR RESPONDING TO NATURAL LANGUAGE SPEECH UTTERANCE	

APPLICANT HEREBY CERTIFIES THE FOLLOWING AND REQUESTS CONSIDERATION UNDER THE AFTER FINAL CONSIDERATION PILOT PROGRAM 2.0 (AFCP 2.0) OF THE ACCOMPANYING RESPONSE UNDER 37 CFR 1.116.

1. The above-identified application is (i) an original utility, plant, or design nonprovisional application filed under 35 U.S.C. 111(a) [a continuing application (*e.g.*, a continuation or divisional application) is filed under 35 U.S.C. 111(a) and is eligible under (i)], or (ii) an international application that has entered the national stage in compliance with 35 U.S.C. 371(c).
2. The above-identified application contains an outstanding final rejection.
3. Submitted herewith is a response under 37 CFR 1.116 to the outstanding final rejection. The response includes an amendment to at least one independent claim, and the amendment does not broaden the scope of the independent claim in any aspect.
4. This certification and request for consideration under AFCP 2.0 is the only AFCP 2.0 certification and request filed in response to the outstanding final rejection.
5. Applicant is willing and available to participate in any interview requested by the examiner concerning the present response.
6. This certification and request is being filed electronically using the Office's electronic filing system (EFS-Web).
7. Any fees that would be necessary consistent with current practice concerning responses after final rejection under 37 CFR 1.116, *e.g.*, extension of time fees, are being concurrently filed herewith. [There is no additional fee required to request consideration under AFCP 2.0.]
8. By filing this certification and request, applicant acknowledges the following:
    - Reissue applications and reexamination proceedings are not eligible to participate in AFCP 2.0.
    - The examiner will verify that the AFCP 2.0 submission is compliant, *i.e.*, that the requirements of the program have been met (see items 1 to 7 above). For compliant submissions:
        - The examiner will review the response under 37 CFR 1.116 to determine if additional search and/or consideration (i) is necessitated by the amendment and (ii) could be completed within the time allotted under AFCP 2.0. If additional search and/or consideration is required but cannot be completed within the allotted time, the examiner will process the submission consistent with current practice concerning responses after final rejection under 37 CFR 1.116, *e.g.*, by mailing an advisory action.
        - If the examiner determines that the amendment does not necessitate additional search and/or consideration, or if the examiner determines that additional search and/or consideration is required and could be completed within the allotted time, then the examiner will consider whether the amendment places the application in condition for allowance (after completing the additional search and/or consideration, if required). If the examiner determines that the amendment does not place the application in condition for allowance, then the examiner will contact the applicant and request an interview.
            - The interview will be conducted by the examiner, and if the examiner does not have negotiation authority, a primary examiner and/or supervisory patent examiner will also participate.
            - If the applicant declines the interview, or if the interview cannot be scheduled within ten (10) calendar days from the date that the examiner first contacts the applicant, then the examiner will proceed consistent with current practice concerning responses after final rejection under 37 CFR 1.116.

Signature	Date
/Ngai B. Zhang/	11/18/2013
Name (Print/Typed)	**Practitioner Registration No.**
Ngai B. Zhang	65,473

Note: *This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. Submit multiple forms if more than one signature is required, see below*.*

☐ * Total of 1 forms are submitted.

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE PATENT APPLICATION OF:	Robert A. KENNEWICK *et al.*
SERIAL NO.:	12/705,311
FILING DATE:	February 12, 2010
ATTORNEY DOCKET NO.:	090611-0384800
CONFIRMATION NO.:	8125
EXAMINER:	Fariba SIRJANI
ART UNIT:	2659
FOR:	MOBILE SYSTEMS AND METHODS FOR RESPONDING TO NATURAL LANGUAGE SPEECH UTTERANCE

ACCOMPANYING RESPONSE TO FINAL OFFICE ACTION mailed 08 October 2013 for AFTER FINAL CONSIDERATION PILOT PROGRAM

MAIL STOP AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Final Office Action mailed **October 8, 2013**, please amend the above-identified application as follows:

Amendments to the Claims begin on page **2** of this paper.

Remarks begin on page **11** of this paper.

It is not believed that extensions of time or fees for net addition of claims are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned for under 37 C.F.R. § 1.136(a), and any fees required therefore (including fees for net addition of claims) are hereby authorized to be charged to Deposit Account No. 033975 (**Ref. No. 090611-0384800**).

This listing of claims will replace all prior versions and listings of claims in the Application.

LISTING OF CLAIMS:

1-55. (**Canceled**)

56. (**Currently Amended**) A mobile system for processing natural language utterances, comprising:

one or more physical processors programmed ~~with~~ to execute one or more computer program instructions ~~such that,~~ which, when executed, ~~the instructions~~ cause the one or more physical processors to:

receive a natural language utterance at a first device in a vehicle;

determine, at a device that is on-board the vehicle, whether a command or query relating to the natural language utterance is to be processed on-board or off-board the vehicle based on one or more recognized words or phrases of the natural language utterance;

invoke an agent that is on-board the vehicle to process the command or query based on a determination that the command or query is to be processed on-board the vehicle; and

invoke a second device that communicates wirelessly over a wide area network to process the command or query based on a determination that the command or query is to be processed off-board the vehicle.

57. (**Currently Amended**) The mobile system of claim 56, wherein the instructions cause the one or more physical processors to execute an event manager providing a multi-threaded environment for processing a plurality of commands or queries in a plurality of different domains across a plurality of overlapping or interleaved dialogs.

58. (**Currently Amended**) The mobile system of claim 56, wherein the instructions cause the one or more physical processors to determine whether processing the command or query will create a hazardous condition for the vehicle.

59. (**Currently Amended**) The mobile system of claim 58, wherein the instructions cause the one or more physical processors to:

provide interactive guidance to resolve the hazardous condition via an output device connected to the vehicle based on a determination that processing the command or query will create the hazardous condition;

receive an input that manually overrides the hazardous condition determination; and

process the command or query based on the manual override.

60. (**Canceled**)

61. (**Currently Amended**) The mobile system of claim 56, wherein the instructions cause the one or more physical processors to:

associate one or more emergency words or phrases with a user; and

identify the one or more emergency words or phrases in the one or more recognized words or phrases,

wherein the second device is invoked to process the command or query to summon emergency help further based on the identification of the one or more emergency words or phrases. [[.]]

62. (**Currently Amended**) The mobile system of claim 56, wherein the instructions cause the one or more physical processors to:

detect an accident situation from information received from one or more sensors connected to the vehicle;

provide one or more interactive announcements or warnings via an output device connected to the vehicle in response to detecting the accident situation;

receive an input that is in response to the one or more interactive announcements or warnings, the input indicating a nature of the accident situation or a condition of a person in the vehicle; and

communicate the nature of the accident situation or the condition of the person in the vehicle to emergency personnel over a communications link.

63. (**Currently Amended**) The mobile system of claim 62, wherein the instructions cause the one or more physical processors to establish a voice channel over a communications link to enable communication between the person in the vehicle and the emergency personnel.

64. (**Currently Amended**) The mobile system of claim 56, wherein the command or query is to be processed on-board the vehicle, and wherein the command or query includes a search query of an aspect of the vehicle.

65. (**Currently Amended**) The mobile system of claim 64, wherein the search query relates to status information associated with one or more on-board systems of the vehicle.

66. (**Currently Amended**) The mobile system of claim 64, wherein the instructions cause the one or more physical processors to:

provide a natural language speech response to the search query based on one or more data sources that are on-board the vehicle.

67. (**Currently Amended**) The mobile system of claim 56, wherein the instructions cause the one or more physical processors to:

detect that the vehicle is approaching or has exceeded a travel limit for the vehicle;

provide interactive guidance for returning to the travel limit via an output device connected to the vehicle in response to detecting that the vehicle is approaching or has exceeded the travel limit; and

determine whether to extend the travel limit.

68. (**Previously Presented**) The mobile system of claim 56, wherein the command or query is to be processed on-board the vehicle, and wherein the command or query includes a command to control the vehicle.

69. (**Previously Presented**) The mobile system of claim 56, wherein the one or more recognized words or phrases are determined from the natural language utterance using a plurality of dictionary and phrase entries that are dynamically updated based on at least a history of a current dialog and one or more prior dialogs.

70. (**Previously Presented**) The mobile system of claim 69, wherein the plurality of dictionary and phrase entries are further dynamically updated based on one or more dynamic fuzzy set possibilities or prior probabilities derived from the history of the current dialog and the prior dialogs.

71. (**Currently Amended**) A computer-implemented method for processing natural language utterances, the method being implemented by a computer system that includes one or more physical processors executing one or more computer program instructions which, when executed, perform the method, the method comprising:

receiving a natural language utterance at a first device in a vehicle;

determining, at a device that is on-board the vehicle, whether a command or query relating to the natural language utterance is to be processed on-board or off-board the vehicle based on one or more recognized words or phrases of the natural language utterance;

invoking an agent that is on-board the vehicle to process the command or query based on a determination that the command or query is to be processed on-board the vehicle; and

invoking a second device that communicates wirelessly over a wide area network to process the command or query based on a determination that the command or query is to be processed off-board the vehicle.

72. (**Previously Presented**) The method of claim 71, further comprising:

providing an event manager having a multi-threaded environment for processing a plurality of commands or queries in a plurality of different domains across a plurality of overlapping or interleaved dialogs.

73. (**Currently Amended**) The method of claim 71, further comprising:

determining whether processing the ~~request~~ command or query will create a hazardous condition for the vehicle.

74. (**Previously Presented**) The method of claim 71, further comprising:

providing interactive guidance to resolve the hazardous condition via an output device connected to the vehicle based on a determination that processing the command or query will create the hazardous condition;

receiving an input that manually overrides the hazardous condition determination; and

processing the command or query based on the manual override.

75. (**Canceled**)

76. (**Previously Presented**) The method of claim 71, further comprising:

associating one or more emergency words or phrases with a user; and

identifying the one or more emergency words or phrases in the one or more recognized words or phrases,

wherein the second device is invoked to process the command or query to summon emergency help further based on the identification of the one or more emergency words or phrases.

77. (**Previously Presented**) The method of claim 71, further comprising:

detecting an accident situation from information received from one or more sensors connected to the vehicle;

providing one or more interactive announcements or warnings via an output device connected to the vehicle in response to detecting the accident situation;

receiving an input that is in response to the one or more interactive announcements or warnings, the input indicating a nature of the accident situation or a condition of a person in the vehicle; and

communicating the nature of the accident situation or the condition of the person in the vehicle to emergency personnel over a communications link.

78. (**Previously Presented**) The method of claim 77, further comprising:

establishing a voice channel over a communications link to enable communication between the person in the vehicle and the emergency personnel.

79. (**Currently Amended**) The method of claim 71, wherein the command or query is to be processed on-board the vehicle, and wherein the command or query includes a search query of an aspect of the vehicle.

80. (**Currently Amended**) The method of claim 79, wherein the search query relates to status information associated with one or more on-board systems of the vehicle.

81. (**Currently Amended**) The method of claim 79, further comprising:

providing a natural language speech response to the search query based on one or more data sources that are on-board the vehicle.

82. (**Previously Presented**) The method of claim 71, further comprising:

detecting that the vehicle is approaching or has exceeded a travel limit for the vehicle;

providing interactive guidance for returning to the travel limit via an output device connected to the vehicle in response to detecting that the vehicle is approaching or has exceeded the travel limit; and

determining whether to extend the travel limit.

83. (**Previously Presented**) The method of claim 71, wherein the command or query is to be processed on-board the vehicle, and wherein the command or query includes a command to control the vehicle.

84. (**Previously Presented**) The method of claim 71, wherein the one or more recognized words or phrases are determined from the natural language utterance using a plurality of dictionary and phrase entries that are dynamically updated based on at least a history of a current dialog and one or more prior dialogs.

85. (**Previously Presented**) The method of claim 84, wherein the plurality of dictionary and phrase entries are further dynamically updated based on one or more dynamic fuzzy set possibilities or prior probabilities derived from the history of the current dialog and the prior dialogs.

86-87. (**Canceled**)

88. (**Previously Presented**) The mobile system of claim 56, wherein the one or more processors are programmed to:

identify a context based on the one or more recognized words, wherein the determination of whether the command or query is to be processed on-board or off-board the vehicle is further based on the context.

89. (**Currently Amended**) The mobile system of claim 88, wherein the natural language utterance is associated with a current dialog between the system and a user, and wherein the context is identified further based on one or more prior dialogs between the system and the user. [[.]]

90-97. (**Canceled**)

98. (**Previously Presented**) The mobile system of claim 56, wherein the one or more processors are programmed to:

receive an indication of fatigue of a user of the vehicle; and

initiate a dialog with the user to determine a fatigue level of the user.

99-117. (**Canceled**)

118. (**Currently Amended**) A computer-implemented method of processing natural language utterances, the method being implemented by a computer system that includes one or more processors executing one or more computer program instructions which, when executed, perform the method, the method comprising:

receiving, at a first device, a natural language utterance;

identifying a command or query based on one or more recognized words or phrases of the natural language utterance;

determining, at a device that is on-board the vehicle, whether the command or query is to be processed on-board or off-board a vehicle;

invoking an agent that is on-board the vehicle to process the command or query based on a determination that the command or query is to be processed on-board the vehicle; and

invoking a second device that communicates wirelessly over a wide area network to process the command or query based on a determination that the command or query is to be processed off-board the vehicle.

119. (**Previously Presented**) The method of claim 118, wherein the command or query is to be processed on-board the vehicle, and wherein the command or query includes a command to control the vehicle.

120. (**Currently Amended**) The method of claim 118, wherein the command or query is to be processed on-board the vehicle, and wherein the command or query includes a search query of an aspect of the vehicle.

121. (**Currently Amended**) The method of claim 120, wherein the search query relates to status information associated with one or more on-board systems of the vehicle.

122. (**Currently Amended**) The method of claim 120, further comprising:

providing a natural language speech response to the search query based on one or more data sources that are on-board the vehicle.

REMARKS

In response to the Final Office Action mailed **October 8, 2013** (hereinafter, "Final Action"), claims 56-59, 61-67, 71, 73, 79-81, 89, 118, and 120-122 have been amended. No claims have been cancelled or newly added. Therefore, claims 56-59, 61-74, 76-85, 88, 89, 98, and 118-122 remain pending. Support for the instant amendments is provided throughout the as-filed Specification. Thus, no new matter has been added. In view of the foregoing amendments and following comments, allowance of all the claims pending in the application is requested.

OBJECTION TO CLAIM 73

As suggested by Examiner Sirjani, claim 73 has been amended to recite "command or query." Accordingly, withdrawal of the objection is earnestly sought.

EXAMINER INTERVIEW AND 35 U.S.C. § 103 REJECTIONS

Applicants thank Examiner Sirjani and her supervisor, Examiner Desir, for the courtesies extended to Applicants' representative (Ngai Zhang) during the telephonic interview conducted on November 12, 2013 (hereinafter, "Interview"). As agreed during the Interview, the references cited in the Final Action do not teach or suggest independent claims 56, 71, and 118 as currently amended. Accordingly, withdrawal of the alleged rejection of claims 56, 71, and 118 under 35 U.S.C. § 103 is earnestly sought. In addition, the dependent claims are allowable because they each ultimately depend from an allowable independent claim, as well as for the further features they recite.

It is noted, however, that Applicants believe independent claims 56, 71, and 118, as pending prior to the entry of the instant amendment, are patentable over the cited references and, thus, disagree with the propriety of the alleged rejections. Nevertheless, *solely* in an effort to expedite prosecution, and in *no way* acquiescing in the propriety of the alleged rejections, independent claims 56, 71, and 118 have been amended to clarify aspects of the invention.

CONCLUSION

Having addressed each of the foregoing objection and rejections, it is respectfully submitted that a full and complete response has been made to the outstanding Office Action and, as such, the application is in condition for allowance. Notice to that effect is respectfully requested.

If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at the number provided.

Respectfully submitted,

Date: **November 18, 2013**

PILLSBURY WINTHROP SHAW PITTMAN LLP

By: /Ngai B. Zhang/
Ngai B. Zhang
Registration No. 65,473

Customer No. 00909

P.O. Box 10500
McLean, Virginia 22102
Direct Dial: 703.770.7532
Main: 703.770.7900
Fax: 703.770.7901

Electronic Acknowledgement Receipt

EFS ID:	17433467
Application Number:	12705311
International Application Number:	
Confirmation Number:	8125
Title of Invention:	MOBILE SYSTEMS AND METHODS FOR RESPONDING TO NATURAL LANGUAGE SPEECH UTTERANCE
First Named Inventor/Applicant Name:	Robert A. Kennewick
Customer Number:	909
Filer:	Ngai Bing Zhang/Miriam Nelsen Awan
Filer Authorized By:	Ngai Bing Zhang
Attorney Docket Number:	090611-0384800
Receipt Date:	18-NOV-2013
Filing Date:	12-FEB-2010
Time Stamp:	17:17:30
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	After Final Consideration Program Request	090611-0384800_Certification_Request_Consideration.pdf	517072 931fab9cf923ccb9609782ce2666401759feeba1	no	1

Warnings:	
Information:	

2		090611-0384800_ResponseFOA_AfterFinalConsiderationProgram.pdf	560561 42cc3c7eeab8c0dd476e753dbc7edd6c08f775c6	yes	12

Multipart Description/PDF files in .zip description		
Document Description	**Start**	**End**
Response After Final Action	1	1
Claims	2	10
Applicant Arguments/Remarks Made in an Amendment	11	12

Warnings:	
Information:	
Total Files Size (in bytes):	1077633

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

PTO/SB/06 (09-11)
Approved for use through 1/31/2014. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 12/705,311	Filing Date 02/12/2010	☐ To be Mailed

ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO

APPLICATION AS FILED – PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X $ =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $310 ($155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))				
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	

APPLICATION AS AMENDED – PART II

AMENDMENT **11/18/2013**

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
Total (37 CFR 1.16(i))	* 36	Minus	** 57	= 0	X $40 =	0
Independent (37 CFR 1.16(h))	* 4	Minus	***18	= 0	X $210 =	0
☐ Application Size Fee (37 CFR 1.16(s))						
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
					TOTAL ADD'L FEE	0

AMENDMENT

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
Total (37 CFR 1.16(i))	*	Minus	**	=	X $ =	
Independent (37 CFR 1.16(h))	*	Minus	***	=	X $ =	
☐ Application Size Fee (37 CFR 1.16(s))						
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
					TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

LIE
/MARTHA NEWMAN/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**
If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/705,311	02/12/2010	Robert A. Kennewick	090611-0384800	8125

909 7590 12/30/2013

Pillsbury Winthrop Shaw Pittman, LLP (NV)
PO Box 10500
McLean, VA 22102

EXAMINER	
SIRJANI, FARIBA	

ART UNIT	PAPER NUMBER
2659	

NOTIFICATION DATE	DELIVERY MODE
12/30/2013	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

docket_ip@pillsburylaw.com
heather.marthers@pillsburylaw.com

Examiner-Initiated Interview Summary	Application No.	Applicant(s)	
	12/705,311	KENNEWICK ET AL.	
	Examiner	Art Unit	
	FARIBA SIRJANI	2659	

All participants (applicant, applicant's representative, PTO personnel):

(1) *FARIBA SIRJANI*. (3)_____.

(2) *Ngai Zhang*. (4)_____.

Date of Interview: *18 December 2013*.

Type: ☒ Telephonic ☐ Video Conference
☐ Personal [copy given to: ☐ applicant ☐ applicant's representative]

Exhibit shown or demonstration conducted: ☐ Yes ☐ No.
If Yes, brief description: _____.

Issues Discussed ☐101 ☐112 ☐102 ☒103 ☐Others
(For each of the checked box(es) above, please describe below the issue and detailed description of the discussion)

Claim(s) discussed: *64 and 65*.

Identification of prior art discussed: *Funk*.

Substance of Interview
(For each issue discussed, provide a detailed description and indicate if agreement was reached. Some topics may include: identification or clarification of a reference or a portion thereof, claim interpretation, proposed amendments, arguments of any applied references etc...)

Applicant indicated that 64 and 65 and particularly 66 are meant to claim searches of databases onboard the vehicle such that, for example, if the driver says "wheel," the system would look within on-board data sources for wheel size, air pressure, or locations for change of tire. Applicant pointed to paragraphs 8, 28, 34, and 121, and Figure 5, as examples of support for conducting a search within the local databases which are on-board the car. Please refer to the accompanying Advisory Action for a reply.

Applicant recordation instructions: It is not necessary for applicant to provide a separate record of the substance of interview.

Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

☐ Attachment

/FARIBA SIRJANI/ Examiner, Art Unit 2659	

Advisory Action Before the Filing of an Appeal Brief	**Application No.** 12/705,311	**Applicant(s)** KENNEWICK ET AL.	
	Examiner FARIBA SIRJANI	**Art Unit** 2659	**AIA (First Inventor to File) Status** No

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 18 November 2013 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

NO NOTICE OF APPEAL FILED

1. ☒ The reply was filed after a final rejection. No Notice of Appeal has been filed. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114 if this is a utility or plant application. Note that RCEs are not permitted in design applications. The reply must be filed within one of the following time periods:
   a) ☐ The period for reply expires _____months from the mailing date of the final rejection.
   b) ☒ The period for reply expires on: (1) the mailing date of this Advisory Action; or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.
   c) ☐ A prior Advisory Action was mailed more than 3 months after the mailing date of the final rejection in response to a first after-final reply filed within 2 months of the mailing date of the final rejection. The current period for reply expires months from the mailing date of *the prior Advisory Action* or SIX MONTHS from the mailing date of the final rejection, whichever is earlier.

   Examiner Note: If box 1 is checked, check either box (a), (b) or (c). ONLY CHECK BOX (b) WHEN THIS ADVISORY ACTION IS THE FIRST RESPONSE TO APPLICANT'S FIRST AFTER-FINAL REPLY WHICH WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. ONLY CHECK BOX (c) IN THE LIMITED SITUATION SET FORTH UNDER BOX (c). See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) or (c) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2. ☐ The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

AMENDMENTS

3. ☒ The proposed amendments filed after a final rejection, but prior to the date of filing a brief, will not be entered because
   a) ☒ They raise new issues that would require further consideration and/or search (see NOTE below);
   b) ☐ They raise the issue of new matter (see NOTE below);
   c) ☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
   d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.

   NOTE: _____. (See 37 CFR 1.116 and 41.33(a)).

4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).
5. ☐ Applicant's reply has overcome the following rejection(s): _____.
6. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
7. ☒ For purposes of appeal, the proposed amendment(s): (a) ☒ will not be entered, or (b) ☐ will be entered, and an explanation of how the new or amended claims would be rejected is provided below or appended.

AFFIDAVIT OR OTHER EVIDENCE

8. ☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.
9. ☐ The affidavit or other evidence filed after final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).
10. ☐ The affidavit or other evidence filed after the date of filing the Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing of good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).
11. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

REQUEST FOR RECONSIDERATION/OTHER

12. ☒ The request for reconsideration has been considered but does NOT place the application in condition for allowance because: _____.
13. ☐ Note the attached Information *Disclosure Statement*(s). (PTO/SB/08) Paper No(s). _____
14. ☒ Other: PTO-413B Examiner initiated interview summary.

STATUS OF CLAIMS

15. The status of the claim(s) is (or will be) as follows:
    Claim(s) allowed: .
    Claim(s) objected to: .
    Claim(s) rejected: 56-59,61-74,76-85,88,89,98 and 118-122.
    Claim(s) withdrawn from consideration: .

/PIERRE-LOUIS DESIR/ Supervisory Patent Examiner, Art Unit 2659	/FARIBA SIRJANI/ Examiner, Art Unit 2659

Google Exhibit 1019
Page 001380

Upon further search, references were identified that teach the added limitations. Therefore, amending the claims as proposed in the AF filing of 11/18/2013 would not place the Application in condition for allowance.

Note the Notice of References Cited PTO-892 that is attached.

In particular, see Funk (U.S. 6,721,633) filed March 1, 2002 (as opposed to the possible priority date of July 15, 2002 for the instant Application.)

Funk pertains to an on-board vehicle speech/voice communicator that takes commands and queries via voice and communicates back to the driver via voice. (See Abstract, Figure 5.)

Funk teaches the distributed ASR process which decides whether to conduct the speech recognition on-board the vehicle or send it off-board to a "voice portal server" which has greater speech recognition capabilities. (Abstract, Figures 2-4, Col. 1, lines 61-67. Col. 2, lines 2-8. Figure 1 and Col. 3, lines 15-21.) Funk makes this on-board or off-board speech recognition decision based on conducting an initial recognition at the Mobile Unit (the car). (See the examples of how the system of Funk works, e.g., Col. 5, lines 55-66, where the on-board device recognizes the input utterance "information" but for "restaurant information" it knows that it has to go off-board.) Once speech recognizer determines the command or the query, this command or query is processed by activating an on-board function or providing a Result (e.g. 32 in Figures 3-4) from an off-board entity. (Figures 7 and 8). So either of (1) speech recognition and (2) conducting the command/running the query may be done on-board or offboard.

The types of information at issue in Funk or the type of commands that can be carried out by Funk are comprehensive: Infotainment, CD, radio, MP3, news, weather, traffic updates, etc., (Col. 3 and top of Col. 4) commands directed at onboard infotainment devices such as tuning the radio and volume up and down of the CD player (Col. 4, lines 8-52), finding an address (Col. 5, lines 1-24), weather (Col. 5, lines 25-40), stocks (Col. 5, lines 40-55), restaurants (Co. 5, lines 55-67), gas stations (Col. 6, lines 1-27), navigation, GPS, (Col. 6, lines 37-45).

Funk in particular teaches accessing the information from the sensors on the car or the car sua sponte reporting the sensor data to the driver such as fuel, or air mixture. (Col. 7, line 50 to Col. 8, line 49 including: "Upon clarifying the request for a vehicle system check, Voice Portal 27 might communicate an electronic vehicle status inquiry in the form of Data Request 35 to Mobile Unit 28 over Data Channel 34. Data Request 35 may be a specific vehicle sensor inquiry or may be a command to send all current and/or all saved or time-averaged vehicle sensor data." Col. 7, lines 61-67. This passage shows that the data that has to be queried and searched is on the Mobile Unit, i.e., the car, and that this data is saved over time so it is a database.)

Accordingly, Funk teaches the added limitation to the independent Claims that the "determination" of whether the command or query will be processed on-board or off-board is done on-board the vehicle. Figures 7 and 8, box 44, show this determination. Note that "processing" of the Claim means carrying out the command or responding to the query (see dependent Claim 58). But, whether "processing" means processing of the input utterance, i.e. speech recognition, or processing of the input command/query, Funk teaches that at least a preliminary determination of where to handle this processing is done on-board.

Further, the dependent Claims 64 and 65 (120 and 121) that were discussed during the Applicant-Initiated interview, even when taking into consideration the supporting Specification which does not appear in the Claim language (this means giving the claim a narrower scope than its current language), are taught by Funk's vehicle status check and retrieval of sensor data of the vehicle that is discussed in Col. 7, line 50 to Col. 8, line 50 of Funk. Funk, e.g., includes "Upon clarifying the request for a vehicle system check, Voice Portal 27 might communicate an electronic vehicle status inquiry in the form of Data Request 35 to Mobile Unit 28 over Data Channel 34. Data Request 35 may be a specific vehicle sensor inquiry or may be a command to send all current and/or all saved or time-averaged vehicle sensor data."

As for dependent Claim 66 which has two elements: 1-command or query is processed on-board (from parent Claim 64) and 2-the data sources that are queried are on-board, is also taught by Funk. Funk, Col. 7, line 50 to Col. 8, line 9, provides an example of querying the on-board sensor data. In this example, the speech processing occurs off-board. First, the "processing" of Claim 56 does not appear to be "speech processing" and is rather just conducting the command or the query. Second, even if "processing" is considered to be "speech processing," the example of Funk says that it "may" need to outsourced to the Voice Portal in the case that the speech is too complicated for the on-board resources. Funk, therefore, teaches that it may be done on-board as well. Funk, Col. 1, line 66 to Col. 3, line 40, includes "While ordinary command and control functionality of a car infotainment (infotainment=information and entertainment) device includes a very limited vocabulary, some applications might also require larger vocabularies (for example navigation applications including almost innumerable address entries, extensive personal address books, etc.). Also, the functionality of an infotainment system won't change over time …" and "Onboard voice recognition for command and control functions is possible in part due to the limited vocabulary necessary to operate the onboard device. This limited vocabulary requires less processing power and less expensive software to implement a voice recognition system. Maintaining command and control functions completely onboard increases the responsiveness of the onboard devices by eliminating dependence on a wireless link in the operation of the device." Thus, for simple queries to the on-board sensor databases, both the speech "processing" and the query "processing" may be done on-board.

Finally, dependent Claim 61 states: "associate one or more emergencey words or phrases with a user" which does not specify that the "user" himself has decided on the emergency word. The Claim is supported by the following paragraph of the Specification: "[0054] 3. Occupants of the vehicle can summon help in the event of a crime using the speech interface of the invention. Typical crimes include robberies and hijackings. The invention allows vehicle occupants to set panic or emergency words or phrases that indicate to the system a crime is occurring." The cited reference, Lerg, recognized code words or key words or phrasses indicative of an emergency. To do so, the key words must have been associated with the particualr emergency. Further, Lerg includes speaker-dependent ASR which means the words, emergency or otherwise, are trained for and associated with a particular user. Further, Lerg also states, e.g., that the Pilot of an aircraft is allowed to train the electronics for "custom key words" or "code words" that represent and emergency: "15. The method of claim 13, wherein training the electronics includes having the aircraft pilot train the electronics to learn one or more custom key words or phrases

representative of an emergency situation provided by the aircraft pilot, and using speaker-dependent recognition to determine if the one or more signals represent one or more code words or phrases representative of an emergency situation in the aircraft."

Other references make clear that an emergency word has to be set ahead of time and in the case of speaker-dependent training (such as Lerg) it would be set by the particular speaker. For example, Lemelson (6,028,514) includes that the emergency words are "selected": "Such words, for example, might include "robbery," "rape," "help," "heart attack," or similar selected phrases indicating an emergency situation." Col. 14, lines 35-45 and Figure 4.

Google Exhibit 1019
Page 001382

Examiner-Initiated Interview Summary	Application No.	Applicant(s)	
	12/705,311	KENNEWICK ET AL.	
	Examiner	Art Unit	
	FARIBA SIRJANI	2659	

All participants (applicant, applicant's representative, PTO personnel):

(1) *FARIBA SIRJANI*. (3)_____.

(2) *Ngai Zhang*. (4)_____.

Date of Interview: *18 December 2013*.

Type: ☒ Telephonic ☐ Video Conference
☐ Personal [copy given to: ☐ applicant ☐ applicant's representative]

Exhibit shown or demonstration conducted: ☐ Yes ☐ No.
If Yes, brief description: _____.

Issues Discussed ☐101 ☐112 ☐102 ☒103 ☐Others
(For each of the checked box(es) above, please describe below the issue and detailed description of the discussion)

Claim(s) discussed: *64 and 65*.

Identification of prior art discussed: *Funk*.

Substance of Interview
(For each issue discussed, provide a detailed description and indicate if agreement was reached. Some topics may include: identification or clarification of a reference or a portion thereof, claim interpretation, proposed amendments, arguments of any applied references etc...)

Applicant indicated that 64 and 65 and particularly 66 are meant to claim searches of databases onboard the vehicle such that, for example, if the driver says "wheel," the system would look within on-board data sources for wheel size, air pressure, or locations for change of tire. Applicant pointed to paragraphs 8, 28, 34, and 121, and Figure 5, as examples of support for conducting a search within the local databases which are on-board the car. Please refer to the accompanying Advisory Action for a reply.

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/FARIBA SIRJANI/ Examiner, Art Unit 2659	

Notice of References Cited	Application/Control No. 12/705,311	Applicant(s)/Patent Under Reexamination KENNEWICK ET AL.	
	Examiner FARIBA SIRJANI	Art Unit 2659	Page 1 of 2

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-6,411,893 B1	06-2002	Ruhl, Hans-Wilhelm	701/539
*	B	US-2002/0173333 A1	11-2002	Buchholz et al.	455/527
*	C	US-2003/0069734 A1	04-2003	Everhart, Charles Allen	704/275
*	D	US-2003/0212562 A1	11-2003	Patel et al.	704/275
*	E	US-2004/0010358 A1	01-2004	Oesterling et al.	701/49
*	F	US-6,707,421 B1	03-2004	Drury et al.	342/357.31
*	G	US-6,721,633 B2	04-2004	Funk et al.	701/1
*	H	US-6,726,636 B2	04-2004	Der Ghazarian et al.	600/532
*	I	US-6,915,126 B2	07-2005	Mazzara, Jr., William E.	455/411
*	J	US-6,928,614 B1	08-2005	Everhart, Charles Allen	715/728
*	K	US-6,963,759 B1	11-2005	Gerson, Ira A.	455/563
*	L	US-7,003,463 B1	02-2006	Maes et al.	704/270.1
*	M	US-7,076,362 B2	07-2006	Ohtsuji et al.	701/443

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Notice of References Cited	Application/Control No. 12/705,311	Applicant(s)/Patent Under Reexamination KENNEWICK ET AL.	
	Examiner FARIBA SIRJANI	Art Unit 2659	Page 2 of 2

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-7,171,291 B2	01-2007	Obradovich, Michael L.	701/29.4
*	B	US-7,548,491 B2	06-2009	Macfarlane, Jane F.	367/198
*	C	US-6,028,514	02-2000	Lemelson et al.	340/539.13
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
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	M	US-			

FOREIGN PATENT DOCUMENTS

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EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2758	704/270.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/05 13:25
S2	35	Kennewick.in. near robert	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/05 13:25
S3	5	Kennewick.in. near michael	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/05 13:25
S4	17	Kennewick.in. near richard	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/05 13:26
S5	91	locke.in. near david	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/05 13:26
S6	19	freeman.in. near tom	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/05 13:26
S7	12	elston.in. near stephen	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/05 13:26
S8	1	S2 and S3 and S4 and S5 and S6 and S7	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/05 13:26
S9	2	"7693720".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/05 13:27
S10	9	("7693720").URPN.	USPAT	OR	ON	2011/11/05 13:27
S11	9	("7693720").URPN.	USPAT	OR	ON	2011/11/05 13:27
S12	187	("20010041980" | "20020049805" | "20020065568" | "20020082911" | "20020120609" | "20020124050" | "20020143535" | "20020188602" | "20020198714" | "20030014261" | "20030112267" | "20030182132" | "20040025115" | "20040044516" | "20040166832" | "20040199375" | "20050021334" | "20050021826" |	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/05 13:27

		"20050033574" | "20050114116" | "20050246174" | "20070033005" | "20070038436" | "20070050191" | "20080091406" | "20080103761" | "20080115163" | "20080133215" | "20090117885" | "20090144271" | "4430669" | "5155743" | "5274560" | "5377350" | "5386556" | "5424947" | "5471318" | "5475733" | "5499289" | "5500920" | "5517560" | "5533108" | "5537436" | "5539744" | "5557667" | "5563937" | "5590039" | "5617407" | "5633922" | "5675629" | "5696965" | "5708422" | "5721938" | "5722084" | "5742763" | "5752052" | "5754784" | "5761631" | "5774859" | "5794050" | "5797112" | "5799276" | "5802510" | "5832221" | "5878385" | "5878386" | "5892813" | "5895466" | "5902347" | "5911120" | "5918222" | "5926784" | "5933822" | "5953393" | "5963894" | "5963940" | "5987404" | "5991721" | "5995119" | "6009382" | "6014559" | "6021384" | "6044347" | "6049602" | "6058187" | "6078886" | "6081774" | "6101241" | "6119087" | "6134235" | "6144667" | "6160883" | "6173279" | "6175858" | "6185535" | "6192110" | "6192338" | "6195634" | "6195651" | "6208972" | "6219346" | "6219643" | "6233556" | "6233559" | "6246981" | "6272455" | "6292767" | "6314402" | "6366886" | "6381535" | "6385646" | "6393428" | "6404878" | "6408272" | "6411810").PN. OR ("6415257" | "6418210" | "6420975" | "6430285" | "6434523" | "6434524" | "6442522" | "6446114" | "6453153" | "6453292" | "6456711" | "6466654" | "6466899" | "6498797" | "6499013" | "6501833" | "6501834" | "6513006" | "6523061" | "6532444" | "6539348" | "6553372" | "6556970" | "6556973" | "6560576" | "6567778" | "6567797" | "6570555" | "6570964" | "6574597" | "6574624" | "6594257" | "6598018" | "6604077" | "6611692" | "6614773" | "6615172" | "6629066" | "6631346" | "6643620" | "6650747" | "6691151" | "6721001" | "6721706" | "6735592" | "6741931" | "6742021" | "6757718" | "6795808" | "6833848" | "6865481" | "6877134" | "6901366" | "6937977" | "6944594" | "6973387" | "6980092" | "6990513" | "6996531" | "7020609" | "7027975" | "7062488" | "7092928" | "7127400" | "7137126" | "7146319" | "7289606" | "7376645" | "7398209" | "7424431" | "7461059" | "7493559").PN.				
S13	187	("20010041980" | "20020049805" | "20020065568" | "20020082911" | "20020120609" | "20020124050" | "20020143535" | "20020188602" | "20020198714" | "20030014261" |	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/05 13:27

		"20030112267" | "20030182132" | "20040025115" | "20040044516" | "20040166832" | "20040199375" | "20050021334" | "20050021826" | "20050033574" | "20050114116" | "20050246174" | "20070033005" | "20070038436" | "20070050191" | "20080091406" | "20080103761" | "20080115163" | "20080133215" | "20090117885" | "20090144271" | "4430669" | "5155743" | "5274560" | "5377350" | "5386556" | "5424947" | "5471318" | "5475733" | "5499289" | "5500920" | "5517560" | "5533108" | "5537436" | "5539744" | "5557667" | "5563937" | "5590039" | "5617407" | "5633922" | "5675629" | "5696965" | "5708422" | "5721938" | "5722084" | "5742763" | "5752052" | "5754784" | "5761631" | "5774859" | "5794050" | "5797112" | "5799276" | "5802510" | "5832221" | "5878385" | "5878386" | "5892813" | "5895466" | "5902347" | "5911120" | "5918222" | "5926784" | "5933822" | "5953393" | "5963894" | "5963940" | "5987404" | "5991721" | "5995119" | "6009382" | "6014559" | "6021384" | "6044347" | "6049602" | "6058187" | "6078886" | "6081774" | "6101241" | "6119087" | "6134235" | "6144667" | "6160883" | "6173279" | "6175858" | "6185535" | "6192110" | "6192338" | "6195634" | "6195651" | "6208972" | "6219346" | "6219643" | "6233556" | "6233559" | "6246981" | "6272455" | "6292767" | "6314402" | "6366886" | "6381535" | "6385646" | "6393428" | "6404878" | "6408272" | "6411810").PN. OR ("6415257" | "6418210" | "6420975" | "6430285" | "6434523" | "6434524" | "6442522" | "6446114" | "6453153" | "6453292" | "6456711" | "6466654" | "6466899" | "6498797" | "6499013" | "6501833" | "6501834" | "6513006" | "6523061" | "6532444" | "6539348" | "6553372" | "6556970" | "6556973" | "6560576" | "6567778" | "6567797" | "6570555" | "6570964" | "6574597" | "6574624" | "6594257" | "6598018" | "6604077" | "6611692" | "6614773" | "6615172" | "6629066" | "6631346" | "6643620" | "6650747" | "6691151" | "6721001" | "6721706" | "6735592" | "6741931" | "6742021" | "6757718" | "6795808" | "6833848" | "6865481" | "6877134" | "6901366" | "6937977" | "6944594" | "6973387" | "6980092" | "6990513" | "6996531" | "7020609" | "7027975" | "7062488" | "7092928" | "7127400" | "7137126" | "7146319" | "7289606" | "7376645" | "7398209" | "7424431" | "7461059" | "7493559").PN.				
S14	196	S11 or S12	US-	OR	ON	2011/11/05

			PGPUB; USPAT; DERWENT			13:28
S15	3	"6615172".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 06:00
S16	117	"s196" and pars$4	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 06:02
S17	82	"s196" and pars$4 and (GPS telematics navigat$4)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 06:03
S18	2	"7693720".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 06:08
S19	1	S18 and pars$4 and (GPS telematics navigat$4)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 06:08
S20	23	"10/452147"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 06:25
S21	2	"20100145700".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 07:12
S22	2	"7693720".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 09:13
S23	2	"6937977".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 09:41
S24	4263	telematics.ti,abst,bsum,clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:49
S25	140	telematics.ti,abst,bsum,clm. and "704".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:49
S26	1732	telematics.ti,abst,bsum,clm. and (command query)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:50
S27	102	telematics.ti,abst,bsum,clm. and (command query) and "704".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:50
S28	28	telematics.ti,abst,bsum,clm. and (command query) and "704".clas. and safety	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:51

S29	71	telematics.ti,abst,bsum,clm. and (command query) and "704".clas. and (safety hazard$4 emergency panic)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:52
S30	72	telematics.ti,abst,bsum,clm. and (command query warn$4) and "704".clas. and (safety hazard$4 emergency panic)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:53
S31	73	telematics.ti,abst,bsum,clm. and (command query warn$4) and "704".clas. and (safety hazard$4 emergency panic accident)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:53
S32	76	telematics.ti,abst,bsum,clm. and (command query warn$4 sensor) and "704".clas. and (safety hazard$4 emergency panic accident)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:54
S33	77	telematics.ti,abst,bsum,clm. and (command query warn$4 sensor) and "704".clas. and (safety hazard$4 emergency panic accident travel)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:54
S34	6	telematics.ti,abst,bsum,clm. and (command query warn$4 sensor) and "704".clas. and (safety hazard$4 emergency panic accident travel) and ((dialogue interactive convers$4) near5 (history record))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:55
S35	71	telematics.ti,abst,bsum,clm. and (command query warn$4 sensor) and "704".clas. and (safety hazard$4 emergency panic accident travel) not kennewick	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:56
S36	71	telematics.ti,abst,bsum,clm. and (command query warn$4 sensor) and "704".clas. and (safety hazard$4 emergency panic accident travel) not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:56
S37	134	telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 11:18
S38	63	telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not S36	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 11:19
S39	52	telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not S36 not rhoads.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 11:19
S40	105	telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not rhoads.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 12:15
S41	105	telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not rhoads.in. and ay>="2002"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 12:16
S42	105	telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not rhoads.in. and fy>="2002"	US-PGPUB; USPAT;	OR	ON	2011/11/07 12:17

			DERWENT			
S43	105	telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not rhoads.in. and fy<="2002"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 12:17
S44	105	fy<="2002" and telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not rhoads.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 12:17
S45	7	@py<="2002" and telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not rhoads.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 12:32
S46	275	@py<="2002" and telematics.ti,abst,bsum,clm. not kennewick.in. not rhoads.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 14:15
S47	2	09/918,360	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 08:37
S48	275	@py<="2002" and telematics.ti,abst,bsum,clm. not kennewick.in. not rhoads.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 09:20
S49	16	S48 and ((speech voice) near3 (recogni$4)) and mobile	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 09:20
S50	10	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and (telematic$4 onstar on-star) and @py<="2007"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 09:51
S51	846	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and @py<="2007"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 09:51
S52	39	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and (telematic$4 onstar on-star)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 09:51
S53	10	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and (telematic$4 onstar on-star) and @py<="2007"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 13:46
S54	39	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and (telematic$4 onstar on-star)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 13:46
S55	29	S54 not S53	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 13:46
S56	839	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and @py<="2007" not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 13:49

S57	541	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and @py<="2005" not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 13:49
S58	608	(car navig$5 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and @py<="2005" not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 14:15
S59	596	(car navig$5 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and @py<="2005" not kennewick.in. not parry.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 14:22
S60	534	(car navigation navigator vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and @py<="2005" not kennewick.in. not parry.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 14:36
S61	118	(car navigation navigator vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and @py<="2005" not kennewick.in. not parry.in. and (mobile near3 device)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 14:42
S62	2	"7275049".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 14:59
S63	15	("7275049").URPN.	USPAT	OR	ON	2011/11/08 14:59
S64	15	("7275049").URPN.	USPAT	OR	ON	2011/11/08 14:59
S65	10	("20030204492" | "20040162724" | "20040193420" | "5003506" | "5799276" | "6173251" | "6327343" | "6510417" | "6901364" | "7103563").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/08 14:59
S66	10	("20030204492" | "20040162724" | "20040193420" | "5003506" | "5799276" | "6173251" | "6327343" | "6510417" | "6901364" | "7103563").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/08 14:59
S67	25	S64 or S65	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/08 14:59
S68	15	("7275049").URPN.	USPAT	OR	ON	2011/11/09 08:57
S69	10	("20030204492" | "20040162724" | "20040193420" | "5003506" | "5799276" | "6173251" | "6327343" | "6510417" | "6901364" | "7103563").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/09 08:57
S70	24	S68 or S69 not kennewick.in.	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/09 08:57
S71	3	"6901364".pn.	US-PGPUB;	OR	ON	2011/11/09 14:16

			USPAT; DERWENT			
S72	3	"6910003".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/09 14:21
S73	41	(US-20020188392-$ or US-20020175647-$ or US-20020173889-$ or US-20020164973-$ or US-20020151297-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040205671-$ or US-20040199375-$ or US-20040168119-$ or US-20030204492-$).did. or (US-7219063-$ or US-6968311-$ or US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6970935-$ or US-6910003-$ or US-6885734-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-6901364-$ or US-6173251-$).did.	US-PGPUB; USPAT	OR	ON	2011/11/10 07:29
S74	17	S73 and ((multiple several many) near3 (user input entry dialog))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 07:30
S75	12	S73 and ((multiple several many) near3 (user input entry dialog)) and pars$4	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 07:58
S76	2	"6185535".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 09:50
S77	0	704/275.clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 10:27
S78	2577	704/275.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 10:28
S79	1168	704/275.ccls. and @py<="2005"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 10:28
S80	813	704/275.ccls. and @py<="2005"	USPAT	OR	ON	2011/11/10 10:28
S81	5	704/275.ccls. and @py<="2005" and (telematic telematics)	USPAT	OR	ON	2011/11/10 10:28
S82	10	704/275.ccls. and @py<="2005" and	US-	OR	ON	2011/11/10

		(telematic telematics)	PGPUB; USPAT; DERWENT			12:36
S83	2	704/275.ccls. and (telematic telematics) and (manual near3 override)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 12:37
S84	11	704/275.ccls. and (manual near3 override)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 12:37
S85	9	704/275.ccls. and (manual near3 override) not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 12:38
S86	818	704/275.ccls. and (interactive) not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 12:53
S87	316	704/275.ccls. and (interactive) and (car vehicle auto$4) not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 12:54
S88	163	704/275.ccls. and (interactive) and (car vehicle auto$4).ti,abst,bsum,clm. not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 13:48
S89	2	"6185535".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:22
S90	2	"6980092".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:24
S91	2	"20020151297".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:27
S92	2	"6466232".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:33
S93	2	"6108532".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:33
S94	2	"6718187".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:34
S95	2	"6546257".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:35
S96	2	"6405106".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:35

S97	2	"6389278".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:37
S98	2	"20010023397".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 07:16
S99	2	"20060122834".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 07:18
S100	2	"5797116".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 07:38
S101	5	"7302383".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 07:44
S102	5	("20010011217" | "20020165862" | "20030125955" | "6615172" | "6904428").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/11 07:45
S103	6	("7302383").URPN.	USPAT	OR	ON	2011/11/11 08:14
S104	614	calcar	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:14
S105	147	calcar and (car vehicle automobile)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:15
S106	130	calcar and (car vehicle automobile) not polymer	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:15
S107	130	calcar and (car vehicle automobile) not polymer not calcar.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:33
S108	119	calcar and (car vehicle automobile) not polymer and obradovich.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:33
S109	142	(car vehicle automobile) not polymer and obradovich.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:33
S110	178	obradovich.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:33
S111	135	obradovich.in. near michael	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:34

S112	39	obradovich.in. near michael and accident	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:34
S113	100	(obradovich.in. near michael) and (hazard$4 danger$4 accident$4)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 10:18
S114	49	(obradovich.in. near michael) and ((hazard$4 danger$4 accident$4) near3 condition)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 10:19
S115	1	(obradovich.in. near michael) and ((danger$4 accident$4) near3 condition)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 10:34
S116	10	"7,902,969".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 10:51
S117	10	"7902969".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 10:51
S118	10	"7902969".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 10:51
S119	39	obradovich.in. near michael and accident	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 15:43
S120	480134	obradovich.in. near michael and (panic emergency crime)]	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 18:25
S121	125	obradovich.in. near michael and (panic emergency crime)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 18:25
S122	44	obradovich.in. near michael and (panic crime)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 18:26
S123	29	obradovich.in. near michael and (panic crime) not (crime adj area)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 18:26
S124	27	obradovich.in. near michael and (panic crime) not (crime adj (rate area))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 18:27
S125	9	obradovich.in. near michael and ((interactive near5 guidance) (negotiat$4))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 07:03
S126	0	obradovich.in. near michael and ((interactive near5 guidance) (negotiat$4)) not (negotiat$4 adj3	US-PGPUB; USPAT;	OR	ON	2011/11/12 07:04

		corner)	DERWENT			
S127	0	obradovich.in. near michael and (interactive near5 guidance)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 07:04
S128	20	obradovich.in. near michael and onstar	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 07:04
S129	9	obradovich.in. near michael and ((call$4 communicat$4) with (other nearby) with (car vehicle automobile))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 09:10
S130	2290	((call$4 communicat$4) with (other nearby) with (car vehicle automobile))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 09:12
S131	872	((call$4 communicat$4) with (other nearby) with (car vehicle automobile)) and @py<="2005"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 09:12
S132	467	((call$4 communicat$4) with (other nearby) with (car vehicle automobile)) and @py<="2002"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 09:12
S133	75	((call$4 communicat$4) with (other nearby) with (car vehicle automobile)) and @py<="2002" and accident	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 10:12
S134	88	(US-20020188392-$ or US-20020175647-$ or US-20020173889-$ or US-20020164973-$ or US-20020151297-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040205671-$ or US-20040199375-$ or US-20040168119-$ or US-20030204492-$).did. or (US-20100312566-$ or US-20090313026-$ or US-20090216540-$ or US-20060190269-$ or US-20050257174-$ or US-20040215464-$ or US-20030083884-$ or US-20040193426-$ or US-20020022927-$).did. or (US-7219063-$ or US-6968311-$ or US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6970935-$ or US-6910003-$ or US-6885734-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-6901364-$ or US-6173251-$ or US-6839670-$ or US-	US-PGPUB; USPAT	OR	ON	2011/11/12 11:54

		7406421-$ or US-7920682-$ or US-7801731-$ or US-7769143-$ or US-7426467-$ or US-6411934-$ or US-5812977-$ or US-4797924-$ or US-6108532-$ or US-6405106-$).did. or (US-7902969-$ or US-7802198-$ or US-7748021-$ or US-7741959-$ or US-7739039-$ or US-7702455-$ or US-7656310-$ or US-7650234-$ or US-7593812-$ or US-7561065-$ or US-7535344-$ or US-7522992-$ or US-7499778-$ or US-7461561-$ or US-7475057-$ or US-7417531-$ or US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6405132-$ or US-6401036-$ or US-6370475-$).did.				
S135	2	S134 and wolfe	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 11:54
S136	2	"6877001".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 11:57
S137	7	(fuzzy prior aprior) near3 (probability possibility)with (history near6 dialog speech) with dictionary	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 06:18
S138	2	(fuzzy prior aprior) near3 (probability possibility)with (history near6 dialog speech) with dictionary not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 06:18
S139	26	(fuzzy prior aprior) near3 (probability possibility) with dictionary not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 06:19
S140	2	(fuzzy prior aprior) near3 (probability possibility) and glushnev.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 06:40
S141	22	(fuzzy prior aprior) near3 (probability possibility) and 704/10.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 06:41
S142	25506	((multiple several many) near4 (user speaker)) and ((voice speech) near5 (recogni$4))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 07:32
S143	4513	((multiple several many) near4 (user speaker dialog)) and ((voice speech) near5 (recogni$4)) and "704".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 07:32
S144	48	((multiple several many) near4 (user speaker dialog)) and ((voice speech) near5 (recogni$4)) and "704".clas. and ((overlap$4 simultaneous$4) near4 (dialog))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 07:33

S145	48	((multiple several many) near3 (user speaker dialog)) and ((voice speech) near3 (recogni$4)) and "704".clas. and ((overlap$4 simultaneous$4) near4 (dialog))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 07:39
S146	47	((multiple several many) near3 (user speaker dialog)) and ((voice speech) near3 (recogni$4)) and "704".clas. and ((overlap$4 simultaneous$4) near4 (dialog)) not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 07:39
S147	51	((multiple several many) adj3 (user speaker dialog)) and "704".clas. and ((overlap$4 simultaneous$4) near4 (dialog)) not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 08:01
S148	3	"6910003".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/06 13:40
S149	2	"6910003".pn. and speech	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/06 13:58
S150	98	(US-8195468-$ or US-8155962-$ or US-8150694-$ or US-8145489-$ or US-8144838-$ or US-8140335-$ or US-8140327-$ or US-8131458-$ or US-8112275-$ or US-8082153-$ or US-8078471-$ or US-8078397-$ or US-8073681-$ or US-8073590-$ or US-8069046-$ or US-8060301-$ or US-8015006-$ or US-7983917-$ or US-7953599-$ or US-7949529-$ or US-7917527-$ or US-7917367-$ or US-7912702-$ or US-7873519-$ or US-7844460-$ or US-7831426-$).did. or (US-7818176-$ or US-7809570-$ or US-7805309-$ or US-7729904-$ or US-7725321-$ or US-7725320-$ or US-7725307-$ or US-7702508-$ or US-7698131-$ or US-7693720-$ or US-7672841-$ or US-7657424-$ or US-7647225-$ or US-7640160-$ or US-7634409-$ or US-7624007-$ or US-7620549-$ or US-7599838-$ or US-7590224-$ or US-7567907-$ or US-7555431-$ or US-7502738-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/10 10:27
S151	89	(US-20020188392-$ or US-20020175647-$ or US-20020173889-$ or US-20020164973-$ or US-20020151297-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040205671-$ or US-20040199375-$	US-PGPUB; USPAT	OR	ON	2012/07/10 10:28

		or US-20040168119-$ or US-20030204492-$).did. or (US-20100312566-$ or US-20090313026-$ or US-20090216540-$ or US-20060190269-$ or US-20050257174-$ or US-20040215464-$ or US-20030083884-$ or US-20040193426-$ or US-20020022927-$).did. or (US-7219063-$ or US-6968311-$ or US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6970935-$ or US-6910003-$ or US-6885734-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-6901364-$ or US-6173251-$ or US-6839670-$ or US-7406421-$ or US-7920682-$ or US-7801731-$ or US-7769143-$ or US-7426467-$ or US-6411934-$ or US-5812977-$ or US-4797924-$ or US-6108532-$ or US-6405106-$).did. or (US-7902969-$ or US-7802198-$ or US-7748021-$ or US-7741959-$ or US-7739039-$ or US-7702455-$ or US-7656310-$ or US-7650234-$ or US-7593812-$ or US-7561065-$ or US-7535344-$ or US-7522992-$ or US-7499778-$ or US-7461561-$ or US-7475057-$ or US-7417531-$ or US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6405132-$ or US-6401036-$ or US-6370475-$).did. or (US-7478036-$).did.				
S152	0	S151 and S150	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/10 10:28
S153	289	("20010049601" | "20020015500" | "20020035501" | "20030016835" | "20030110037" | "20030115062" | "20030120493" | "20030144846" | "20030158731" | "20030206640" | "20030212550" | "20040098245" | "20040167771" | "20050137877" | "20050143994" | "20070033020" | "20070073544" | "20070118357" | "20080065386" | "20080140385" | "20090216540" | "20090271194" | "20110112827" | "20110112921" | "20110131036" | "20110131045" | "20110231182" | "20110231188" | "20120022857" | "20120101809" | "20120101810" | "20120109753" | "5027406" | "5060367" | "5208748" | "5357596" | "5577165" | "5608635" | "5740256" | "5748974" | "5839107" | "5897613" | "5960397" | "5960399" | "5960447" | "5995928" | "6018708" | "6035267" | "6049607" | "6067513" | "6085186" | "6108631" | "6167377" | "6173266" | "6188982" | "6208964" |	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/10 10:41

		"6233561" | "6266636" | "6269336" | "6278968" | "6366882" | "6377913" | "6397181" | "6405170" | "6429813" | "6510417" | "6522746" | "6549629" | "6587858" | "6594367" | "6606598" | "6622119" | "6633846" | "6681206" | "6701294" | "6704708" | "6751612" | "6757544" | "6832230" | "6868380" | "6912498" | "6934756" | "6954755" | "6959276" | "6975993" | "6983055" | "7003463" | "7024364" | "7035415" | "7043425" | "7054817" | "7058890" | "7069220" | "7072834" | "7107210" | "7110951" | "7143037" | "7165028" | "7184957" | "7197069" | "7206418" | "7207011" | "7236923" | "7277854" | "7305381" | "7328155" | "7337116" | "7366669" | "7415414" | "7447635" | "7472020" | "7472060" | "7493259" | "7516076" | "7536297" | "7536374" | "7558730" | "7574362" | "7577244" | "7606708" | "7676365" | "7676369" | "7729918" | "7788084" | "7831433" | "7873523" | "7917367" | "7949529" | "7949537" | "7983917" | "8015006" | "8069046" | "8073681" | "8086463" | "8112275" | "8140327" | "8140335" | "8145489" | "8150694" | "8155962").PN.				
S154	140	("20010049601" | "20020015500" | "20020035501" | "20030016835" | "20030110037" | "20030115062" | "20030120493" | "20030144846" | "20030158731" | "20030206640" | "20030212550" | "20040098245" | "20040167771" | "20050137877" | "20050143994" | "20070033020" | "20070073544" | "20070118357" | "20080065386" | "20080140385" | "20090216540" | "20090271194" | "20110112827" | "20110112921" | "20110131036" | "20110131045" | "20110231182" | "20110231188" | "20120022857" | "20120101809" | "20120101810" | "20120109753" | "5027406" | "5060367" | "5208748" | "5357596" | "5577165" | "5608635" | "5740256" | "5748974" | "5839107" | "5897613" | "5960397" | "5960399" | "5960447" | "5995928" | "6018708" | "6035267" | "6049607" | "6067513" | "6085186" | "6108631" | "6167377" | "6173266" | "6188982" | "6208964" | "6233561" | "6266636" | "6269336" | "6278968" | "6366882" | "6377913" | "6397181" | "6405170" | "6429813" | "6510417" | "6522746" | "6549629" | "6587858" | "6594367" | "6606598" | "6622119" | "6633846" | "6681206" | "6701294" | "6704708" | "6751612" | "6757544" | "6832230" | "6868380" | "6912498" | "6934756" | "6954755" | "6959276" | "6975993" | "6983055" | "7003463" | "7024364" | "7035415" |	US-PGPUB; USPAT	OR	ON	2012/07/10 10:42

		"7043425" | "7054817" | "7058890" | "7069220" | "7072834" | "7107210" | "7110951" | "7143037" | "7165028" | "7184957" | "7197069" | "7206418" | "7207011" | "7236923" | "7277854" | "7305381" | "7328155" | "7337116" | "7366669" | "7415414" | "7447635" | "7472020" | "7472060" | "7493259" | "7516076" | "7536297" | "7536374" | "7558730" | "7574362" | "7577244" | "7606708" | "7676365" | "7676369" | "7729918" | "7788084" | "7831433" | "7873523" | "7917367" | "7949529" | "7949537" | "7983917" | "8015006" | "8069046" | "8073681" | "8086463" | "8112275" | "8140327" | "8140335" | "8145489" | "8150694" | "8155962").PN.				
S155	0	S150 and S151 and S154	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/10 10:48
S156	264	S150 S151 S154	US-PGPUB; USPAT	OR	ON	2012/07/10 10:48
S157	140	("20010049601" | "20020015500" | "20020035501" | "20030016835" | "20030110037" | "20030115062" | "20030120493" | "20030144846" | "20030158731" | "20030206640" | "20030212550" | "20040098245" | "20040167771" | "20050137877" | "20050143994" | "20070033020" | "20070073544" | "20070118357" | "20080065386" | "20080140385" | "20090216540" | "20090271194" | "20110112827" | "20110112921" | "20110131036" | "20110131045" | "20110231182" | "20110231188" | "20120022857" | "20120101809" | "20120101810" | "20120109753" | "5027406" | "5060367" | "5208748" | "5357596" | "5577165" | "5608635" | "5740256" | "5748974" | "5839107" | "5897613" | "5960397" | "5960399" | "5960447" | "5995928" | "6018708" | "6035267" | "6049607" | "6067513" | "6085186" | "6108631" | "6167377" | "6173266" | "6188982" | "6208964" | "6233561" | "6266636" | "6269336" | "6278968" | "6366882" | "6377913" | "6397181" | "6405170" | "6429813" | "6510417" | "6522746" | "6549629" | "6587858" | "6594367" | "6606598" | "6622119" | "6633846" | "6681206" | "6701294" | "6704708" | "6751612" | "6757544" | "6832230" | "6868380" | "6912498" | "6934756" | "6954755" | "6959276" | "6975993" | "6983055" | "7003463" | "7024364" | "7035415" | "7043425" | "7054817" | "7058890" | "7069220" | "7072834" | "7107210" | "7110951" | "7143037" | "7165028" |	US-PGPUB; USPAT	OR	ON	2012/07/10 12:30

		"7184957" | "7197069" | "7206418" | "7207011" | "7236923" | "7277854" | "7305381" | "7328155" | "7337116" | "7366669" | "7415414" | "7447635" | "7472020" | "7472060" | "7493259" | "7516076" | "7536297" | "7536374" | "7558730" | "7574362" | "7577244" | "7606708" | "7676365" | "7676369" | "7729918" | "7788084" | "7831433" | "7873523" | "7917367" | "7949529" | "7949537" | "7983917" | "8015006" | "8069046" | "8073681" | "8086463" | "8112275" | "8140327" | "8140335" | "8145489" | "8150694" | "8155962").PN.				
S158	2	"6944593".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/21 13:16
S159	3	"6910003".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/22 10:27
S160	92	("6910003").URPN.	USPAT	OR	ON	2012/07/22 14:38
S161	10	("5434777" | "5742816" | "5748974" | "5895464" | "6038561" | "6446081" | "6510406" | "6578022" | "6601026" | "6745161").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2012/07/22 14:38
S162	102	S160 S161	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/22 14:38
S163	98	S160 S161 and domain	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/22 14:39
S167	16	(US-6745161-$ or US-8170867-$ or US-8219599-$ or US-8155962-$ or US-7953732-$ or US-7873519-$ or US-7831426-$ or US-7542894-$ or US-7321850-$ or US-7299186-$ or US-7283951-$ or US-7190770-$ or US-7107218-$ or US-6601026-$ or US-6578022-$ or US-5895464-$).did.	USPAT	OR	ON	2012/07/22 19:18
S169	289	("20010049601" | "20020015500" | "20020035501" | "20030016835" | "20030110037" | "20030115062" | "20030120493" | "20030144846" | "20030158731" | "20030206640" | "20030212550" | "20040098245" | "20040167771" | "20050137877" | "20050143994" | "20070033020" | "20070073544" | "20070118357" | "20080065386" | "20080140385" | "20090216540" | "20090271194" | "20110112827" | "20110112921" | "20110131036" | "20110131045" | "20110231182" | "20110231188" | "20120022857" | "20120101809" | "20120101810" | "20120109753" |	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 06:38

		"5027406" | "5060367" | "5208748" | "5357596" | "5577165" | "5608635" | "5740256" | "5748974" | "5839107" | "5897613" | "5960397" | "5960399" | "5960447" | "5995928" | "6018708" | "6035267" | "6049607" | "6067513" | "6085186" | "6108631" | "6167377" | "6173266" | "6188982" | "6208964" | "6233561" | "6266636" | "6269336" | "6278968" | "6366882" | "6377913" | "6397181" | "6405170" | "6429813" | "6510417" | "6522746" | "6549629" | "6587858" | "6594367" | "6606598" | "6622119" | "6633846" | "6681206" | "6701294" | "6704708" | "6751612" | "6757544" | "6832230" | "6868380" | "6912498" | "6934756" | "6954755" | "6959276" | "6975993" | "6983055" | "7003463" | "7024364" | "7035415" | "7043425" | "7054817" | "7058890" | "7069220" | "7072834" | "7107210" | "7110951" | "7143037" | "7165028" | "7184957" | "7197069" | "7206418" | "7207011" | "7236923" | "7277854" | "7305381" | "7328155" | "7337116" | "7366669" | "7415414" | "7447635" | "7472020" | "7472060" | "7493259" | "7516076" | "7536297" | "7536374" | "7558730" | "7574362" | "7577244" | "7606708" | "7676365" | "7676369" | "7729918" | "7788084" | "7831433" | "7873523" | "7917367" | "7949529" | "7949537" | "7983917" | "8015006" | "8069046" | "8073681" | "8086463" | "8112275" | "8140327" | "8140335" | "8145489" | "8150694" | "8155962").PN.				
S170	140	("20010049601" | "20020015500" | "20020035501" | "20030016835" | "20030110037" | "20030115062" | "20030120493" | "20030144846" | "20030158731" | "20030206640" | "20030212550" | "20040098245" | "20040167771" | "20050137877" | "20050143994" | "20070033020" | "20070073544" | "20070118357" | "20080065386" | "20080140385" | "20090216540" | "20090271194" | "20110112827" | "20110112921" | "20110131036" | "20110131045" | "20110231182" | "20110231188" | "20120022857" | "20120101809" | "20120101810" | "20120109753" | "5027406" | "5060367" | "5208748" | "5357596" | "5577165" | "5608635" | "5740256" | "5748974" | "5839107" | "5897613" | "5960397" | "5960399" | "5960447" | "5995928" | "6018708" | "6035267" | "6049607" | "6067513" | "6085186" | "6108631" | "6167377" | "6173266" | "6188982" | "6208964" | "6233561" | "6266636" | "6269336" | "6278968" | "6366882" | "6377913" | "6397181" | "6405170" | "6429813" |	US-PGPUB; USPAT	OR	ON	2012/07/23 06:38

		"6510417" | "6522746" | "6549629" | "6587858" | "6594367" | "6606598" | "6622119" | "6633846" | "6681206" | "6701294" | "6704708" | "6751612" | "6757544" | "6832230" | "6868380" | "6912498" | "6934756" | "6954755" | "6959276" | "6975993" | "6983055" | "7003463" | "7024364" | "7035415" | "7043425" | "7054817" | "7058890" | "7069220" | "7072834" | "7107210" | "7110951" | "7143037" | "7165028" | "7184957" | "7197069" | "7206418" | "7207011" | "7236923" | "7277854" | "7305381" | "7328155" | "7337116" | "7366669" | "7415414" | "7447635" | "7472020" | "7472060" | "7493259" | "7516076" | "7536297" | "7536374" | "7558730" | "7574362" | "7577244" | "7606708" | "7676365" | "7676369" | "7729918" | "7788084" | "7831433" | "7873523" | "7917367" | "7949529" | "7949537" | "7983917" | "8015006" | "8069046" | "8073681" | "8086463" | "8112275" | "8140327" | "8140335" | "8145489" | "8150694" | "8155962").PN.				
S171	118	S170 and (command control query)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 06:39
S172	113	(US-20020188392-$ or US-20020175647-$ or US-20020173889-$ or US-20020164973-$ or US-20020151297-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040205671-$ or US-20040199375-$ or US-20040168119-$ or US-20030204492-$).did. or (US-20090313026-$ or US-20090216540-$ or US-20060190269-$ or US-20050257174-$ or US-20040215464-$ or US-20040193426-$ or US-20020022927-$ or US-20030158731-$ or US-20030144846-$ or US-20030120493-$).did. or (US-6968311-$ or US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6970935-$ or US-6910003-$ or US-6885734-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-6901364-$ or US-6173251-$ or US-6839670-$ or US-7920682-$ or US-7769143-$ or US-7426467-$ or US-6411934-$ or US-	US-PGPUB; USPAT	OR	ON	2012/07/23 09:23

		5812977-$ or US-4797924-$ or US-6108532-$ or US-6405106-$ or US-7902969-$ or US-7802198-$ or US-7748021-$).did. or (US-7741959-$ or US-7739039-$ or US-7702455-$ or US-7656310-$ or US-7650234-$ or US-7593812-$ or US-7561065-$ or US-7535344-$ or US-7522992-$ or US-7499778-$ or US-7461561-$ or US-7475057-$ or US-7417531-$ or US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6405132-$ or US-6401036-$ or US-6370475-$ or US-7478036-$ or US-8170867-$ or US-8219599-$).did. or (US-8155962-$ or US-7953732-$ or US-7873519-$ or US-7831426-$ or US-7542894-$ or US-7321850-$ or US-7299186-$ or US-7283951-$ or US-7190770-$ or US-7107218-$ or US-6601026-$ or US-6578022-$ or US-5895464-$ or US-7676365-$ or US-7558730-$ or US-7447635-$ or US-7337116-$ or US-7328155-$ or US-7305381-$ or US-7207011-$ or US-7184957-$ or US-7069220-$ or US-7003463-$ or US-6959276-$).did.				
S173	38	S172 and (hazard$4 danger$4)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 09:24
S174	2	"20020022927".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 09:45
S176	379	("20030212550" | "20040098245" | "20070073544" | "5357596" | "5960447" | "6173266" | "6366882" | "6405170" | "6522746" | "6975993" | "7143037" | "7206418" | "7328155" | "8140335" | "20030212562" | "20090273563" | "7107218" | "7801731" | "7137126" | "7478036" | "20030110037" | "20030115062" | "20050143994" | "20070118357" | "20110112827" | "20120101809" | "5608635" | "5839107" | "5897613" | "6167377" | "6188982" | "6208964" | "6266636" | "6751612" | "6934756" | "7003463" | "7035415" | "7043425" | "7197069" | "8086463" | "8150694" | "6601026" | "7321850" | "7831426" | "7953732" | "8219599" | "20020022927" | "20030204492" | "6275231" | "6754485" | "6968311" | "7902969" | "20020015500" | "20030120493" | "5060367" | "5740256" | "5748974" | "5960397" | "5960399" | "6035267" | "6108631" | "6510417" | "6704708" | "7024364" | "7236923" | "7493259" | "7536297" |	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 11:01

		"7558730" | "7606708" | "7788084" | "7949529" | "7873519" | "8170867" | "6362748" | "20030016835" | "20050137877" | "20070033020" | "20120109753" | "5208748" | "6018708" | "6049607" | "6587858" | "6606598" | "6681206" | "7058890" | "7472060" | "7676369" | "8145489" | "20100312566" | "6393403" | "6578022" | "7299186" | "8155962" | "6591239" | "20040167771" | "20110131045" | "6278968" | "6397181" | "6633846" | "6757544" | "6983055" | "7054817" | "7072834" | "7107210" | "7110951" | "7207011" | "7305381" | "7366669" | "7415414" | "7516076" | "7873523" | "20080147410" | "6745161" | "7283951" | "7406421" | "20090216540" | "20110112921" | "20110231182" | "20110231188" | "20120022857" | "5027406" | "5577165" | "6549629" | "6954755" | "6959276" | "7184957" | "7277854" | "7472020" | "7574362" | "7676365" | "7729918" | "7983917" | "8073681" | "8112275" | "8140327" | "8155962" | "5895464" | "7542894" | "20040205671" | "7406421" | "20010049601" | "20020035501" | "20030144846" | "20030158731" | "20080065386" | "20110131036" | "5995928" | "6067513" | "6085186" | "6233561" | "6377913" | "6594367" | "6868380" | "6912498" | "7337116" | "7447635" | "7536374" | "7917367" | "7949537" | "8069046" | "7190770" | "6910003" | "20030206640" | "20080140385" | "20090271194" | "20120101810" | "6269336" | "6429813" | "6622119" | "6701294" | "6832230" | "7069220" | "7165028" | "7577244" | "7831433" | "8015006").PN.				
S177	113	(US-20020188392-$ or US-20020175647-$ or US-20020173889-$ or US-20020164973-$ or US-20020151297-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040205671-$ or US-20040199375-$ or US-20040168119-$ or US-20030204492-$).did. or (US-20090313026-$ or US-20090216540-$ or US-20060190269-$ or US-	US-PGPUB; USPAT	OR	ON	2012/07/23 11:03

		20050257174-$ or US-20040215464-$ or US-20040193426-$ or US-20020022927-$ or US-20030158731-$ or US-20030144846-$ or US-20030120493-$).did. or (US-6968311-$ or US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6970935-$ or US-6910003-$ or US-6885734-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-6901364-$ or US-6173251-$ or US-6839670-$ or US-7920682-$ or US-7769143-$ or US-7426467-$ or US-6411934-$ or US-5812977-$ or US-4797924-$ or US-6108532-$ or US-6405106-$ or US-7902969-$ or US-7802198-$ or US-7748021-$).did. or (US-7741959-$ or US-7739039-$ or US-7702455-$ or US-7656310-$ or US-7650234-$ or US-7593812-$ or US-7561065-$ or US-7535344-$ or US-7522992-$ or US-7499778-$ or US-7461561-$ or US-7475057-$ or US-7417531-$ or US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6405132-$ or US-6401036-$ or US-6370475-$ or US-7478036-$ or US-8170867-$ or US-8219599-$).did. or (US-8155962-$ or US-7953732-$ or US-7873519-$ or US-7831426-$ or US-7542894-$ or US-7321850-$ or US-7299186-$ or US-7283951-$ or US-7190770-$ or US-7107218-$ or US-6601026-$ or US-6578022-$ or US-5895464-$ or US-7676365-$ or US-7558730-$ or US-7447635-$ or US-7337116-$ or US-7328155-$ or US-7305381-$ or US-7207011-$ or US-7184957-$ or US-7069220-$ or US-7003463-$ or US-6959276-$).did.				
S178	453	S176 S177	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 11:03
S179	49	S178 and emergency	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 11:04
S181	379	("20030212550" | "20040098245" | "20070073544" | "5357596" | "5960447" | "6173266" | "6366882" | "6405170" | "6522746" | "6975993" | "7143037" | "7206418" | "7328155" | "8140335" | "20030212562" | "20090273563" | "7107218" | "7801731" | "7137126" | "7478036" | "20030110037" | "20030115062" | "20050143994" | "20070118357" | "20110112827" | "20120101809" | "5608635" | "5839107" | "5897613" |	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 12:50

		"6167377" | "6188982" | "6208964" | "6266636" | "6751612" | "6934756" | "7003463" | "7035415" | "7043425" | "7197069" | "8086463" | "8150694" | "6601026" | "7321850" | "7831426" | "7953732" | "8219599" | "20020022927" | "20030204492" | "6275231" | "6754485" | "6968311" | "7902969" | "20020015500" | "20030120493" | "5060367" | "5740256" | "5748974" | "5960397" | "5960399" | "6035267" | "6108631" | "6510417" | "6704708" | "7024364" | "7236923" | "7493259" | "7536297" | "7558730" | "7606708" | "7788084" | "7949529" | "7873519" | "8170867" | "6362748" | "20030016835" | "20050137877" | "20070033020" | "20120109753" | "5208748" | "6018708" | "6049607" | "6587858" | "6606598" | "6681206" | "7058890" | "7472060" | "7676369" | "8145489" | "20100312566" | "6393403" | "6578022" | "7299186" | "8155962" | "6591239" | "20040167771" | "20110131045" | "6278968" | "6397181" | "6633846" | "6757544" | "6983055" | "7054817" | "7072834" | "7107210" | "7110951" | "7207011" | "7305381" | "7366669" | "7415414" | "7516076" | "7873523" | "20080147410" | "6745161" | "7283951" | "7406421" | "20090216540" | "20110112921" | "20110231182" | "20110231188" | "20120022857" | "5027406" | "5577165" | "6549629" | "6954755" | "6959276" | "7184957" | "7277854" | "7472020" | "7574362" | "7676365" | "7729918" | "7983917" | "8073681" | "8112275" | "8140327" | "8155962" | "5895464" | "7542894" | "20040205671" | "7406421" | "20010049601" | "20020035501" | "20030144846" | "20030158731" | "20080065386" | "20110131036" | "5995928" | "6067513" | "6085186" | "6233561" | "6377913" | "6594367" | "6868380" | "6912498" | "7337116" | "7447635" | "7536374" | "7917367" | "7949537" | "8069046" | "7190770" | "6910003" | "20030206640" | "20080140385" | "20090271194" | "20120101810" | "6269336" | "6429813" | "6622119" | "6701294" | "6832230" | "7069220" | "7165028" | "7577244" | "7831433" | "8015006").PN.				
S182	113	(US-20020188392-$ or US-20020175647-$ or US-20020173889-$ or US-20020164973-$ or US-20020151297-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$	US-PGPUB; USPAT	OR	ON	2012/07/23 12:50

		or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040205671-$ or US-20040199375-$ or US-20040168119-$ or US-20030204492-$).did. or (US-20090313026-$ or US-20090216540-$ or US-20060190269-$ or US-20050257174-$ or US-20040215464-$ or US-20040193426-$ or US-20020022927-$ or US-20030158731-$ or US-20030144846-$ or US-20030120493-$).did. or (US-6968311-$ or US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6970935-$ or US-6910003-$ or US-6885734-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-6901364-$ or US-6173251-$ or US-6839670-$ or US-7920682-$ or US-7769143-$ or US-7426467-$ or US-6411934-$ or US-5812977-$ or US-4797924-$ or US-6108532-$ or US-6405106-$ or US-7902969-$ or US-7802198-$ or US-7748021-$).did. or (US-7741959-$ or US-7739039-$ or US-7702455-$ or US-7656310-$ or US-7650234-$ or US-7593812-$ or US-7561065-$ or US-7535344-$ or US-7522992-$ or US-7499778-$ or US-7461561-$ or US-7475057-$ or US-7417531-$ or US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6405132-$ or US-6401036-$ or US-6370475-$ or US-7478036-$ or US-8170867-$ or US-8219599-$).did. or (US-8155962-$ or US-7953732-$ or US-7873519-$ or US-7831426-$ or US-7542894-$ or US-7321850-$ or US-7299186-$ or US-7283951-$ or US-7190770-$ or US-7107218-$ or US-6601026-$ or US-6578022-$ or US-5895464-$ or US-7676365-$ or US-7558730-$ or US-7447635-$ or US-7337116-$ or US-7328155-$ or US-7305381-$ or US-7207011-$ or US-7184957-$ or US-7069220-$ or US-7003463-$ or US-6959276-$).did.				
S183	453	S181 S182	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 12:50
S184	17	S183 and (emergency and service and cost)	US-PGPUB; USPAT;	OR	ON	2012/07/23 12:50

			DERWENT			
S185	1	S183 and (emergency and service and cost and profile and authenti$5)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:14
S186	49	S183 and (emergency)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:15
S187	189	S183 and (service)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:15
S188	61	S183 and (cost and service)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:16
S189	54	S183 and ((user near profile))	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:16
S190	20	S183 and (authenti$5)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:16
S191	41	S186 and S187	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:16
S192	17	S186 and S187 and S188	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:17
S193	2	S186 and S187 and S188 and S189	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:17
S194	3	S186 and S187 and S188 and S190	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:17
S195	14	S192 not S194	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 13:24
S196	379	("20030212550" | "20040098245" | "20070073544" | "5357596" | "5960447" | "6173266" | "6366882" | "6405170" | "6522746" | "6975993" | "7143037" | "7206418" | "7328155" | "8140335" | "20030212562" | "20090273563" | "7107218" | "7801731" | "7137126" | "7478036" | "20030110037" | "20030115062" | "20050143994" | "20070118357" | "20110112827" | "20120101809" | "5608635" | "5839107" | "5897613" | "6167377" | "6188982" | "6208964" | "6266636" | "6751612" | "6934756" | "7003463" | "7035415" | "7043425" |	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 14:54

		"7197069" | "8086463" | "8150694" | "6601026" | "7321850" | "7831426" | "7953732" | "8219599" | "20020022927" | "20030204492" | "6275231" | "6754485" | "6968311" | "7902969" | "20020015500" | "20030120493" | "5060367" | "5740256" | "5748974" | "5960397" | "5960399" | "6035267" | "6108631" | "6510417" | "6704708" | "7024364" | "7236923" | "7493259" | "7536297" | "7558730" | "7606708" | "7788084" | "7949529" | "7873519" | "8170867" | "6362748" | "20030016835" | "20050137877" | "20070033020" | "20120109753" | "5208748" | "6018708" | "6049607" | "6587858" | "6606598" | "6681206" | "7058890" | "7472060" | "7676369" | "8145489" | "20100312566" | "6393403" | "6578022" | "7299186" | "8155962" | "6591239" | "20040167771" | "20110131045" | "6278968" | "6397181" | "6633846" | "6757544" | "6983055" | "7054817" | "7072834" | "7107210" | "7110951" | "7207011" | "7305381" | "7366669" | "7415414" | "7516076" | "7873523" | "20080147410" | "6745161" | "7283951" | "7406421" | "20090216540" | "20110112921" | "20110231182" | "20110231188" | "20120022857" | "5027406" | "5577165" | "6549629" | "6954755" | "6959276" | "7184957" | "7277854" | "7472020" | "7574362" | "7676365" | "7729918" | "7983917" | "8073681" | "8112275" | "8140327" | "8155962" | "5895464" | "7542894" | "20040205671" | "7406421" | "20010049601" | "20020035501" | "20030144846" | "20030158731" | "20080065386" | "20110131036" | "5995928" | "6067513" | "6085186" | "6233561" | "6377913" | "6594367" | "6868380" | "6912498" | "7337116" | "7447635" | "7536374" | "7917367" | "7949537" | "8069046" | "7190770" | "6910003" | "20030206640" | "20080140385" | "20090271194" | "20120101810" | "6269336" | "6429813" | "6622119" | "6701294" | "6832230" | "7069220" | "7165028" | "7577244" | "7831433" | "8015006").PN.				
S197	113	(US-20020188392-$ or US-20020175647-$ or US-20020173889-$ or US-20020164973-$ or US-20020151297-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-	US-PGPUB; USPAT	OR	ON	2012/07/23 14:54

		20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040205671-$ or US-20040199375-$ or US-20040168119-$ or US-20030204492-$).did. or (US-20090313026-$ or US-20090216540-$ or US-20060190269-$ or US-20050257174-$ or US-20040215464-$ or US-20040193426-$ or US-20020022927-$ or US-20030158731-$ or US-20030144846-$ or US-20030120493-$).did. or (US-6968311-$ or US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6970935-$ or US-6910003-$ or US-6885734-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-6901364-$ or US-6173251-$ or US-6839670-$ or US-7920682-$ or US-7769143-$ or US-7426467-$ or US-6411934-$ or US-5812977-$ or US-4797924-$ or US-6108532-$ or US-6405106-$ or US-7902969-$ or US-7802198-$ or US-7748021-$).did. or (US-7741959-$ or US-7739039-$ or US-7702455-$ or US-7656310-$ or US-7650234-$ or US-7593812-$ or US-7561065-$ or US-7535344-$ or US-7522992-$ or US-7499778-$ or US-7461561-$ or US-7475057-$ or US-7417531-$ or US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6405132-$ or US-6401036-$ or US-6370475-$ or US-7478036-$ or US-8170867-$ or US-8219599-$).did. or (US-8155962-$ or US-7953732-$ or US-7873519-$ or US-7831426-$ or US-7542894-$ or US-7321850-$ or US-7299186-$ or US-7283951-$ or US-7190770-$ or US-7107218-$ or US-6601026-$ or US-6578022-$ or US-5895464-$ or US-7676365-$ or US-7558730-$ or US-7447635-$ or US-7337116-$ or US-7328155-$ or US-7305381-$ or US-7207011-$ or US-7184957-$ or US-7069220-$ or US-7003463-$ or US-6959276-$).did.				
S198	453	S196 S197	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 14:54
S199	19	S198 and (order$4 near3 part)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 14:54
S200	2560	(service near3 schedul$$) and (car	US-	OR	ON	2012/07/23

		vehicle telematics).ti,abst,bsum,clm.	PGPUB; USPAT; DERWENT			15:04
S201	31	(service near3 schedul$$) and (car vehicle telematics).ti,abst,bsum,clm. and "704".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 15:04
S202	31	(service near3 schedul$4) and (car vehicle telematics).ti,abst,bsum,clm. and "704".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 15:21
S203	64	((order$4 buy$4 purchas$4) near3 part) and (car vehicle telematics).ti,abst,bsum,clm. and "704".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 15:21
S204	45	((order$4 buy$4 purchas$4) adj3 part) and (car vehicle telematics).ti,abst,bsum,clm. and "704".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 15:23
S205	23	((order$4 buy$4 purchas$4) adj3 part) and (car vehicle telematics).ti,abst,bsum,clm. and "704".clas. not (in adj order)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 15:26
S206	45	((order$4 buy$4 purchas$4) adj3 part) and (car vehicle telematics).ti,abst,bsum,clm. and "704".clas. not (in adj order adj to)	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 15:27
S207	45	((order$4 buy$4 purchas$4) adj3 part) and (car vehicle telematics).ti,abst,bsum,clm. and "704".clas. not ("in order to")	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 15:27
S208	45	((order$4 buy$4 purchas$4) adj3 part) and (car vehicle telematics).ti,abst,bsum,clm. and "704".clas. not("in order to")	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 15:27
S209	116	(command and query) near7 (context domain) and "704".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/23 16:49
S211	8649	704/270,275,251-257.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 07:42
S212	0	"l3" and ((vehicle car telematics) and (part near3 order) and (cost price)).clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 07:43
S213	32	"l3" and ((vehicle car telematics) and (cost price)).clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 07:43
S214	41	Kennewick.in. near robert	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 10:08
S215	9	Kennewick.in. near michael	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 10:08

S216	21	Kennewick.in. near richard	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 10:08
S217	98	locke.in. near david	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 10:08
S218	26	freeman.in. near tom	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 10:08
S219	12	elston.in. near stephen	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 10:08
S220	143	S214 S215 S216 S217 S218 S219	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 10:08
S221	180	S214 S215 S216 S217 S218 S219 or voicebox.as.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 10:09
S222	180	S214 S215 S216 S217 S218 S219 voicebox.as.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 10:09
S223	17	S222 and (command and query and context).clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2012/07/24 10:09
S236	4449	"l2" and (order$4 near3 part)	US-PGPUB; USPAT; DERWENT	OR	ON	2013/04/25 11:28
S240	99	(US-20020188392-$ or US-20020175647-$ or US-20020164973-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040168119-$ or US-20030204492-$ or US-20090216540-$ or US-20050257174-$ or US-20040215464-$ or US-20020022927-$).did. or (US-20080147410-$ or US-20030158731-$ or US-20030144846-$ or US-20030120493-$ or US-20030110037-$ or US-20030065427-$).did. or (US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6910003-$ or US-	US-PGPUB; USPAT	OR	ON	2013/04/25 14:17

		6801604-$ or US-6792082-$ or US-6745161-$ or US-7406421-$ or US-7801731-$ or US-7769143-$ or US-6411934-$ or US-5812977-$ or US-4797924-$ or US-6108532-$ or US-6405106-$ or US-7902969-$ or US-7802198-$ or US-7748021-$ or US-7741959-$ or US-7739039-$ or US-7702455-$ or US-7656310-$ or US-7650234-$ or US-7593812-$).did. or (US-7561065-$ or US-7535344-$ or US-7522992-$ or US-7499778-$ or US-7461561-$ or US-7475057-$ or US-7417531-$ or US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6405132-$ or US-6401036-$ or US-6370475-$ or US-7478036-$ or US-8170867-$ or US-8219599-$ or US-7953732-$ or US-7542894-$ or US-7321850-$ or US-7299186-$ or US-7283951-$ or US-7190770-$).did. or (US-7107218-$ or US-6601026-$ or US-6578022-$ or US-5895464-$ or US-7676365-$ or US-7447635-$ or US-7337116-$ or US-7328155-$ or US-7305381-$ or US-7207011-$ or US-7184957-$ or US-7003463-$ or US-6959276-$ or US-5577165-$).did.				
S241	99	(US-20020188392-$ or US-20020175647-$ or US-20020164973-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040168119-$ or US-20030204492-$ or US-20090216540-$ or US-20050257174-$ or US-20040215464-$ or US-20020022927-$).did. or (US-20080147410-$ or US-20030158731-$ or US-20030144846-$ or US-20030120493-$ or US-20030110037-$ or US-20030065427-$).did. or (US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6910003-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-7406421-$ or US-7801731-$ or US-7769143-$ or US-6411934-$ or US-5812977-$ or US-4797924-$ or US-6108532-$ or US-6405106-$ or US-7902969-$ or US-7802198-$ or US-7748021-$ or US-7741959-$ or US-7739039-$ or US-	US-PGPUB; USPAT	OR	ON	2013/04/25 14:17

		7702455-$ or US-7656310-$ or US-7650234-$ or US-7593812-$).did. or (US-7561065-$ or US-7535344-$ or US-7522992-$ or US-7499778-$ or US-7461561-$ or US-7475057-$ or US-7417531-$ or US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6405132-$ or US-6401036-$ or US-6370475-$ or US-7478036-$ or US-8170867-$ or US-8219599-$ or US-7953732-$ or US-7542894-$ or US-7321850-$ or US-7299186-$ or US-7283951-$ or US-7190770-$).did. or (US-7107218-$ or US-6601026-$ or US-6578022-$ or US-5895464-$ or US-7676365-$ or US-7447635-$ or US-7337116-$ or US-7328155-$ or US-7305381-$ or US-7207011-$ or US-7184957-$ or US-7003463-$ or US-6959276-$ or US-5577165-$).did.				
S263	37	(US-20120203557-$ or US-20100145700-$ or US-20070061735-$ or US-20060287783-$ or US-20050065779-$ or US-20040107097-$ or US-20030144005-$ or US-20090307031-$ or US-20080154581-$ or US-20060217849-$ or US-20020049535-$).did. or (US-7772966-$ or US-6754485-$ or US-7502672-$ or US-7487110-$ or US-7734287-$ or US-6636790-$ or US-6611739-$ or US-6556899-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2013/04/26 12:55
S264	28	(US-20120203557-$ or US-20100145700-$ or US-20070061735-$ or US-20060287783-$ or US-20050065779-$ or US-20040107097-$ or US-20030144005-$ or US-20090307031-$ or US-20080154581-$ or US-20060217849-$ or US-20020049535-$).did. or (US-7772966-$ or US-6754485-$ or US-7502672-$ or US-7487110-$ or US-7734287-$ or US-6636790-$ or US-6611739-$ or US-6556899-$).did. and cost	US-PGPUB; USPAT; DERWENT	OR	ON	2013/04/29 09:11
S265	31	(US-20120203557-$ or US-20100145700-$ or US-20070061735-$ or US-20060287783-$ or US-20050065779-$ or US-20040107097-$ or US-20030144005-$ or US-20090307031-$ or US-20080154581-$ or US-20060217849-$ or US-20020049535-$).did. or (US-7772966-$ or US-6754485-$ or US-7502672-$ or US-7487110-$ or US-7734287-$ or US-6636790-$ or US-6611739-$ or US-6556899-$).did. and (cost price)	US-PGPUB; USPAT; DERWENT	OR	ON	2013/04/29 09:11
S266	37	(US-20120203557-$ or US-20100145700-$ or US-20070061735-$ or US-20060287783-$ or US-20050065779-$ or US-20040107097-$	US-PGPUB; USPAT; DERWENT	OR	ON	2013/04/29 09:12

		or US-20030144005-$ or US-20090307031-$ or US-20080154581-$ or US-20060217849-$ or US-20020049535-$).did. or (US-7772966-$ or US-6754485-$ or US-7502672-$ or US-7487110-$ or US-7734287-$ or US-6636790-$ or US-6611739-$ or US-6556899-$).did.				
S267	21	S266 and (cost price)	US-PGPUB; USPAT; DERWENT	OR	ON	2013/04/29 09:12
S268	14	S266 and (schedul$4)	US-PGPUB; USPAT; DERWENT	OR	ON	2013/04/29 09:48
S269	2	"7472075".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2013/04/29 09:55
S270	1	"7472075".pn. and schedul$4	US-PGPUB; USPAT; DERWENT	OR	ON	2013/04/29 09:55
S271	1	"6278377".pn. and wip$4	US-PGPUB; USPAT; DERWENT	OR	ON	2013/04/29 10:44
S272	2	"20090273563".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2013/04/29 11:19
S277	109	(US-20020188392-$ or US-20020175647-$ or US-20020164973-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040168119-$ or US-20030204492-$ or US-20090216540-$ or US-20050257174-$ or US-20040215464-$ or US-20020022927-$).did. or (US-20090273563-$ or US-20030158731-$ or US-20030144846-$ or US-20030120493-$ or US-20030110037-$ or US-20030065427-$ or US-20090307031-$ or US-20020049535-$ or US-20070061735-$).did. or (US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6910003-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-7406421-$ or US-7801731-$ or US-	US-PGPUB; USPAT; DERWENT	OR	ON	2013/09/12 13:50

		6411934-$ or US-5812977-$ or US-6108532-$ or US-6405106-$ or US-7902969-$ or US-7802198-$ or US-7748021-$ or US-7741959-$ or US-7739039-$ or US-7702455-$ or US-7656310-$ or US-7650234-$ or US-7593812-$ or US-7561065-$).did. or (US-7535344-$ or US-7522992-$ or US-7499778-$ or US-7461561-$ or US-7475057-$ or US-7417531-$ or US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6405132-$ or US-6401036-$ or US-6370475-$ or US-7478036-$ or US-8170867-$ or US-8219599-$ or US-7953732-$ or US-7542894-$ or US-7321850-$ or US-7299186-$ or US-7283951-$ or US-7190770-$ or US-7107218-$).did. or (US-6601026-$ or US-6578022-$ or US-5895464-$ or US-7676365-$ or US-7447635-$ or US-7337116-$ or US-7328155-$ or US-7305381-$ or US-7207011-$ or US-7184957-$ or US-7003463-$ or US-6959276-$ or US-5577165-$ or US-7177798-$ or US-7472075-$ or US-7487110-$ or US-6278377-$ or US-7734287-$ or US-7502672-$ or US-6636790-$).did. or (US-20090307031-$).did.				
S285	101	(US-20020188392-$ or US-20020175647-$ or US-20020164973-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20040230494-$ or US-20040215449-$ or US-20040168119-$ or US-20030204492-$ or US-20090216540-$ or US-20050257174-$ or US-20040215464-$ or US-20090273563-$ or US-20030158731-$).did. or (US-20030144846-$ or US-20030120493-$ or US-20030110037-$ or US-20030065427-$ or US-20090307031-$ or US-20070061735-$).did. or (US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6792082-$ or US-7406421-$ or US-7801731-$ or US-7769143-$ or US-6411934-$ or US-5812977-$ or US-6108532-$ or US-6405106-$ or US-7902969-$ or US-7802198-$ or US-7748021-$ or US-7741959-$ or US-7739039-$ or US-7702455-$ or US-7656310-$ or US-	US-PGPUB; USPAT; DERWENT	OR	ON	2013/09/15 08:04

		7650234-$ or US-7593812-$ or US-7561065-$ or US-7535344-$ or US-7522992-$ or US-7499778-$).did. or (US-7461561-$ or US-7475057-$ or US-7417531-$ or US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6405132-$ or US-6401036-$ or US-6370475-$ or US-7478036-$ or US-8170867-$ or US-7953732-$ or US-7542894-$ or US-7321850-$ or US-7299186-$ or US-7283951-$ or US-7190770-$ or US-7107218-$ or US-6601026-$ or US-6578022-$ or US-5895464-$ or US-7676365-$).did. or (US-7447635-$ or US-7337116-$ or US-7328155-$ or US-7305381-$ or US-7207011-$ or US-7184957-$ or US-6959276-$ or US-5577165-$ or US-7177798-$ or US-7472075-$ or US-7487110-$ or US-6278377-$ or US-7734287-$ or US-7502672-$ or US-6636790-$).did. or (US-20090307031-$).did.				
S301	96	(US-20020188392-$ or US-20020175647-$ or US-20020164973-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20040230494-$ or US-20040215449-$ or US-20040168119-$ or US-20030204492-$ or US-20090216540-$ or US-20050257174-$ or US-20090273563-$ or US-20030158731-$ or US-20030144846-$).did. or (US-20030120493-$ or US-20030110037-$ or US-20030065427-$ or US-20090307031-$ or US-20070061735-$).did. or (US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6792082-$ or US-7406421-$ or US-7801731-$ or US-7769143-$ or US-6411934-$ or US-5812977-$ or US-6108532-$ or US-6405106-$ or US-7802198-$ or US-7748021-$ or US-7741959-$ or US-7739039-$ or US-7702455-$ or US-7656310-$ or US-7650234-$ or US-7593812-$ or US-7561065-$ or US-7522992-$ or US-7499778-$ or US-7461561-$ or US-7475057-$).did. or (US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6401036-$ or US-	US-PGPUB; USPAT; DERWENT	OR	ON	2013/09/15 13:21

		6370475-$ or US-7478036-$ or US-8170867-$ or US-7953732-$ or US-7542894-$ or US-7321850-$ or US-7299186-$ or US-7283951-$ or US-7190770-$ or US-7107218-$ or US-6601026-$ or US-6578022-$ or US-5895464-$ or US-7676365-$ or US-7447635-$ or US-7337116-$ or US-7328155-$ or US-7305381-$).did. or (US-7207011-$ or US-7184957-$ or US-6959276-$ or US-5577165-$ or US-7177798-$ or US-7472075-$ or US-7487110-$ or US-6278377-$ or US-7734287-$ or US-7502672-$ or US-6636790-$).did. or (US-20090307031-$).did.				

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S164	5171	(telematic car vehicle) and (command control query) and "704".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/22 16:07
S165	103	(telematic car vehicle) and (command control query) and "704".clas. and (telematic near7 (command control))	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/22 16:08
S166	103	(telematic car vehicle) and (command control query) and "704".clas. and (telematics near7 (command control))	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/22 16:08
S168	7	"Term Removed" or "Term Removed"	US-PGPUB; USPAT	OR	ON	2012/07/22 19:18
S175	9	"Term Removed" or "Term Removed"	US-PGPUB; USPAT	OR	ON	2012/07/23 09:23
S180	9	"Term Removed" or "Term Removed"	US-PGPUB; USPAT	OR	ON	2012/07/23 11:03
S210	117	(command and query) near7 (context domain) and "704".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/23 16:49
S224	8685	704/270,275,251-257.ccls.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 07:42
S225	9	S224 and ((vehicle car telematics) and (cost price)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 07:45
S226	24	S224 and ((vehicle car telematics) and ((driving near direction) (travel near service) (entertainment) (marketing) (lighting near control) (windshield near wiper))).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 08:12
S227	4	S224 and ((vehicle car telematics) and ((lighting near control) (windshield near	US-PGPUB;	OR	ON	2012/07/24 08:16

		wiper))).clm.	USPAT; UPAD			
S228	20	S224 and ((vehicle car telematics) and ((driving near direction) (travel near service) (entertainment) (marketing))).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 08:21
S229	6	S224 and ((vehicle car telematics) near7 (lighting near control))	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 08:50
S230	209	S224 and ((vehicle car telematics) and (authenticat$4))	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 08:52
S231	81	S224 and ((vehicle car telematics) and (authenticat$4 near5 user))	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 08:53
S232	71	S224 and ((vehicle car telematics) and (authenticat$4 near3 voice))	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 09:02
S233	0	S224 and ((vehicle car telematics) and (communication and control and power and sensor and external and history)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 09:11
S234	0	S224 and ((communication and control and power and sensor and external and history)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 09:11
S235	10	S224 and ((vehicle car telematics) and ((user driver person$4) near profile)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2012/07/24 09:23
S237	134	("20090313026" | "6968311" | "20080300878" | "20100036660" | "7676026" | "6810379" | "6999927" | "7840447" | "8112280" | "20070174188" | "20080221903" | "20090177461" | "20100217604" | "6996520" | "20030083884" | "20100106500" | "20040205671" | "20100076760" | "6035267" | "6954755" | "6970935" | "7426467" | "7617094" | "20060122834" | "20100235341" | "7729904" | "7831426" | "7912702" | "20090299849" | "7092887" | "7523108" | "7571106" | "7801729" | "7809610" | "8099289" | "8149467" | "8204238" | "7024364" | "7376632" | "8103510" | "20040176958" | "6173251" | "7917367" | "7920682" | "20050119897" | "20070185917" | "20100228540" | "7555431" | "7974972" | "8024195" | "8036901" | "20110218855" | "20040243419" | "20090306981" | "20120296649" | "20030115064" | "20040193426" | "20100312566" | "20120108221" | "6064963" | "6915246" | "8219608" | "20080021708" | "20090157401" | "7376556" | "7647225" | "7725320" | "6532446" | "7020685" |	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 11:17

		"20120271625" | "20120284027" | "8224649" | "20020151297" | "20020173889" | "20040199375" | "5231670" | "6839670" | "6885734" | "20050080625" | "20100005081" | "7725321" | "20110264643" | "6832194" | "7487089" | "7774204" | "6317831" | "7707032" | "20100185448" | "6901364" | "7827047" | "20050149332" | "6615175" | "7069220" | "7277854" | "8065155" | "8073681" | "7672841" | "6665639" | "7720683" | "6321092" | "6813491" | "7522927" | "20080048908" | "20090306989" | "20120185237" | "6658389" | "7197120" | "8055502" | "20030117365" | "6944593" | "20080052063" | "7139714" | "7225125" | "7624007" | "7698131" | "7177798" | "20100332348" | "8041611" | "6647260" | "20020198714" | "7219063" | "20090048845" | "20060190269" | "7634409" | "7818176" | "7657424" | "7702508" | "8165886" | "20100257160" | "7418392" | "6317594" | "7233790" | "7266496" | "6882971").PN.				
S238	134	"Term Removed" or "Term Removed" or "Term Removed" or "Term Removed" or "Term Removed" or "Term Removed"	US-PGPUB; USPAT	OR	ON	2013/04/25 11:26
S239	2	S238 and (order$4 near3 part)	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 11:28
S242	3499	(vehicle car automobile telematics).ti,abst. and (order$4 near3 part)	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 12:49
S243	4	(vehicle car automobile telematics).ti,abst. and (order$4 near3 part) and "704".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 12:50
S244	6	(vehicle car automobile telematics).ti,abst. and (cost with estimat$4) and "704".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 13:06
S245	52	(vehicle car automobile telematics).ti,abst. and (entertainment) and "704".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 13:48
S246	74	(vehicle car automobile telematics).ti,abst. and (market$4 shop$4 merchant) and "704".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 14:16
S247	36	"Term Removed" or "Term Removed"	US-PGPUB; USPAT	OR	ON	2013/04/25 14:17
S248	36	"Term Removed" or "Term Removed"	US-PGPUB; USPAT	OR	ON	2013/04/25 14:17
S249	134	"Term Removed" or "Term Removed" or "Term Removed" or "Term Removed" or	US-PGPUB;	OR	ON	2013/04/25 14:18

		"Term Removed" or "Term Removed"	USPAT			
S250	149	S248 S249	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 14:18
S251	217	S246 S250	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 14:18
S252	6	(vehicle car automobile telematics).ti,abst. and (market$4 shop$4 merchant) and S250	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 14:21
S253	143	S250 not S252	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 14:28
S254	74	(vehicle car automobile telematics).ti,abst. and (market$4 shop$4 merchant) and S251	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 14:36
S255	54	(vehicle car automobile telematics).ti,abst. and (light$4 with control$4) and "704".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 14:56
S256	44	(vehicle car automobile telematics).ti,abst. and (location with (shop store)) and "704".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 15:14
S257	54	(vehicle car automobile telematics).ti,abst. and (location with (shop store restaurant)) and "704".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 15:14
S258	3	"6487494".pn. "6748244".pn. "6591168".pn.	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 15:28
S259	2	"6487494".pn. "6748244".pn. "6591168".pn. and sandwitch	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 15:33
S260	0	("6487494".pn. "6748244".pn. "6591168".pn.) and sandwitch	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 15:33
S261	1	"7472075".pn.	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 15:35
S262	29	(vehicle car automobile telematics).ti,abst. and ((cost price) with (parts service)) and "704".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2013/04/25 15:43
S273	1	"20100145700".pn.	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/12 10:42
S274	1	S273 and command and query	US-	OR	ON	2013/09/12

			PGPUB; USPAT; UPAD			11:15
S275	1	S273 and command and query and local and remote	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/12 11:49
S276	1	S273 and command and query and local and remote and (vehicle adj system)	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/12 11:50
S278	37	"Term Removed" or "Term Removed"	US-PGPUB; USPAT	OR	ON	2013/09/12 13:50
S279	145	"Term Removed" or "Term Removed" "Term Removed" or "Term Removed" or "Term Removed" or "Term Removed" or "Term Removed" or "Term Removed"	US-PGPUB; USPAT	OR	ON	2013/09/12 13:50
S280	12	S279 and (command same query) and ((local on$1board internal) same (remote off$1board external))	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/12 13:53
S281	17526	(command same query) and ((local on$1board internal) same (remote off$1board external))	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/12 16:51
S282	4257	(command same query) and ((local on$1board internal) same (remote off$1board external)) and @ay<="2002"	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/12 16:53
S283	123	(command same query) and ((local on$1board internal) same (remote off$1board external)) and @ay<="2002" and "704".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/12 16:53
S284	40	(command same query) and ((local on$1board internal) same (remote off$1board external)) and @ay<="2002" and "704".clas. and (car vehicle automobile telematics)	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/12 16:53
S286	55	"Term Removed" or "Term Removed" or "Term Removed"	US-PGPUB; USPAT	OR	ON	2013/09/15 08:04
S287	155	"Term Removed" or "Term Removed" or "Term Removed" "Term Removed" or "Term Removed" or "Term Removed" or "Term Removed" or "Term Removed" or "Term Removed"	US-PGPUB; USPAT	OR	ON	2013/09/15 08:05
S288	52	S287 and (accident emergency)	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/15 08:08
S289	8	S287 and (accident emergency) and ((person passenger driver) near condition)	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/15 08:09
S290	155	"Term Removed" or "Term Removed" or "Term Removed" "Term Removed" or "Term Removed" or "Term Removed" or "Term Removed" or "Term Removed" or "Term	US-PGPUB; USPAT	OR	ON	2013/09/15 09:39

		Removed"				
S291	1	S290 and (accident emergency) near (word phrase sentence)	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/15 09:39
S292	18	telematics and (accident emergency) near (word phrase sentence)	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/15 09:40
S293	381	(telematics car vehicle automobile).ti,abst,bsum,clm. and (accident emergency) near3 (word phrase sentence)	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/15 09:42
S294	278	(telematics car vehicle automobile).ti,abst,bsum,clm. and (accident emergency) near2 (word phrase sentence)	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/15 09:42
S295	74	(telematics car vehicle automobile).ti,abst,bsum,clm. and (accident emergency) near2 (word phrase sentence) and @ay<="2002"	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/15 09:43
S296	131	(telematics car vehicle automobile).ti,abst,bsum,clm. and (accident emergency) near4 (word phrase sentence keyword key-phrase) and @ay<="2002"	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/15 10:33
S297	57	S296 not S295	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/15 10:33
S298	151	(telematics car vehicle automobile).ti,abst,bsum,clm. and (accident panic crime emergency) near2 (word phrase sentence keyword key-word) and (speech voice)	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/15 11:01
S299	127	S298 not S296	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/15 11:01
S300	24	(telematics car vehicle automobile).ti,abst,bsum,clm. and (accident panic crime emergency) near2 (word phrase sentence keyword key-word) and (speech voice) and @ay<="2002"	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/15 11:02
S302	71	"Term Removed" or "Term Removed" or "Term Removed"	US-PGPUB; USPAT	OR	ON	2013/09/15 13:21
S303	166	"Term Removed" or "Term Removed" or "Term Removed" "Term Removed" or "Term Removed" or "Term Removed" or "Term Removed" or "Term Removed"	US-PGPUB; USPAT	OR	ON	2013/09/15 13:21
S304	68	S303 and (oil temperature heat$4 lights condition) near3 (car engine vehicle automobile)	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/15 13:25
S305	152	obradovich.in.	US-PGPUB; USPAT; UPAD	OR	ON	2013/09/16 08:59

S306	15	("20040010358" "20030212562" "20030069734" "20020173333" "7548491" "7171291" "7076362" "7003463" "6963759" "6928614" "6915126" "6726636" "6721633" "6707421" "6411893").pn.	US-PGPUB; USPAT; UPAD	OR	ON	2013/12/17 11:04
S307	500	G10L15/00,20,222,26,265,30,32,28 G06F3/16 B60R16/0373 G01C21/3608 H04M1/271 H04M3/4936	US-PGPUB; USPAT; UPAD	OR	ON	2013/12/17 11:26
S308	8	H04M1/271 H04M3/4936	US-PGPUB; USPAT; UPAD	OR	ON	2013/12/17 11:27
S309	8	H04M1/271 H04M3/4936	US-PGPUB; USPAT; UPAD	OR	ON	2013/12/17 11:27
S310	1	"20100145700".pn.	US-PGPUB; USPAT; UPAD	OR	ON	2013/12/17 13:50

12/18/2013 7:01:26 AM
C:\Users\fsirjani\Documents\EAST\Workspaces\61 (1s).wsp

This listing of claims will replace all prior versions and listings of claims in the Application.

LISTING OF CLAIMS:

1-55. (**Canceled**)

56. (**Currently Amended**) A mobile system for processing natural language utterances, comprising:

one or more physical processors programmed ~~with~~ to execute one or more computer program instructions ~~such that,~~ which, when executed, ~~the instructions~~ cause the one or more physical processors to:

receive a natural language utterance at a first device in a vehicle;

determine, at a device that is on-board the vehicle, whether a command or query relating to the natural language utterance is to be processed on-board or off-board the vehicle based on one or more recognized words or phrases of the natural language utterance;

invoke an agent that is on-board the vehicle to process the command or query based on a determination that the command or query is to be processed on-board the vehicle; and

invoke a second device that communicates wirelessly over a wide area network to process the command or query based on a determination that the command or query is to be processed off-board the vehicle.

57. (**Currently Amended**) The mobile system of claim 56, wherein the instructions cause the one or more physical processors to execute an event manager providing a multi-threaded environment for processing a plurality of commands or queries in a plurality of different domains across a plurality of overlapping or interleaved dialogs.

58. (**Currently Amended**) The mobile system of claim 56, wherein the instructions cause the one or more physical processors to determine whether processing the command or query will create a hazardous condition for the vehicle.

59. (**Currently Amended**) The mobile system of claim 58, wherein the instructions cause the one or more physical processors to:

provide interactive guidance to resolve the hazardous condition via an output device connected to the vehicle based on a determination that processing the command or query will create the hazardous condition;

receive an input that manually overrides the hazardous condition determination; and

process the command or query based on the manual override.

60. (**Canceled**)

61. (**Currently Amended**) The mobile system of claim 56, wherein the instructions cause the one or more physical processors to:

associate one or more emergency words or phrases with a user; and

identify the one or more emergency words or phrases in the one or more recognized words or phrases,

wherein the second device is invoked to process the command or query to summon emergency help further based on the identification of the one or more emergency words or phrases. [[.]]

62. (**Currently Amended**) The mobile system of claim 56, wherein the instructions cause the one or more physical processors to:

detect an accident situation from information received from one or more sensors connected to the vehicle;

provide one or more interactive announcements or warnings via an output device connected to the vehicle in response to detecting the accident situation;

receive an input that is in response to the one or more interactive announcements or warnings, the input indicating a nature of the accident situation or a condition of a person in the vehicle; and

communicate the nature of the accident situation or the condition of the person in the vehicle to emergency personnel over a communications link.

63. (**Currently Amended**) The mobile system of claim 62, wherein the instructions cause the one or more physical processors to establish a voice channel over a communications link to enable communication between the person in the vehicle and the emergency personnel.

64. (**Currently Amended**) The mobile system of claim 56, wherein the command or query is to be processed on-board the vehicle, and wherein the command or query includes a search query of an aspect of the vehicle.

65. (**Currently Amended**) The mobile system of claim 64, wherein the search query relates to status information associated with one or more on-board systems of the vehicle.

66. (**Currently Amended**) The mobile system of claim 64, wherein the instructions cause the one or more physical processors to:

provide a natural language speech response to the search query based on one or more data sources that are on-board the vehicle.

67. (**Currently Amended**) The mobile system of claim 56, wherein the instructions cause the one or more physical processors to:

detect that the vehicle is approaching or has exceeded a travel limit for the vehicle;

provide interactive guidance for returning to the travel limit via an output device connected to the vehicle in response to detecting that the vehicle is approaching or has exceeded the travel limit; and

determine whether to extend the travel limit.

68. (**Previously Presented**) The mobile system of claim 56, wherein the command or query is to be processed on-board the vehicle, and wherein the command or query includes a command to control the vehicle.

69. (**Previously Presented**) The mobile system of claim 56, wherein the one or more recognized words or phrases are determined from the natural language utterance using a plurality of dictionary and phrase entries that are dynamically updated based on at least a history of a current dialog and one or more prior dialogs.

70. (**Previously Presented**) The mobile system of claim 69, wherein the plurality of dictionary and phrase entries are further dynamically updated based on one or more dynamic fuzzy set possibilities or prior probabilities derived from the history of the current dialog and the prior dialogs.

71. (**Currently Amended**) A computer-implemented method for processing natural language utterances, the method being implemented by a computer system that includes one or more physical processors executing one or more computer program instructions which, when executed, perform the method, the method comprising:

receiving a natural language utterance at a first device in a vehicle;

determining, at a device that is on-board the vehicle, whether a command or query relating to the natural language utterance is to be processed on-board or off-board the vehicle based on one or more recognized words or phrases of the natural language utterance;

invoking an agent that is on-board the vehicle to process the command or query based on a determination that the command or query is to be processed on-board the vehicle; and

invoking a second device that communicates wirelessly over a wide area network to process the command or query based on a determination that the command or query is to be processed off-board the vehicle.

72. (**Previously Presented**) The method of claim 71, further comprising:

providing an event manager having a multi-threaded environment for processing a plurality of commands or queries in a plurality of different domains across a plurality of overlapping or interleaved dialogs.

73. (**Currently Amended**) The method of claim 71, further comprising:

determining whether processing the ~~request~~ command or query will create a hazardous condition for the vehicle.

74. (**Previously Presented**) The method of claim 71, further comprising:

providing interactive guidance to resolve the hazardous condition via an output device connected to the vehicle based on a determination that processing the command or query will create the hazardous condition;

receiving an input that manually overrides the hazardous condition determination; and

processing the command or query based on the manual override.

75. (**Canceled**)

76. (**Previously Presented**) The method of claim 71, further comprising:

associating one or more emergency words or phrases with a user; and

identifying the one or more emergency words or phrases in the one or more recognized words or phrases,

wherein the second device is invoked to process the command or query to summon emergency help further based on the identification of the one or more emergency words or phrases.

77. (**Previously Presented**) The method of claim 71, further comprising:

detecting an accident situation from information received from one or more sensors connected to the vehicle;

providing one or more interactive announcements or warnings via an output device connected to the vehicle in response to detecting the accident situation;

receiving an input that is in response to the one or more interactive announcements or warnings, the input indicating a nature of the accident situation or a condition of a person in the vehicle; and

communicating the nature of the accident situation or the condition of the person in the vehicle to emergency personnel over a communications link.

78. (**Previously Presented**) The method of claim 77, further comprising:

establishing a voice channel over a communications link to enable communication between the person in the vehicle and the emergency personnel.

79. (**Currently Amended**) The method of claim 71, wherein the command or query is to be processed on-board the vehicle, and wherein the command or query includes a search query of an aspect of the vehicle.

80. (**Currently Amended**) The method of claim 79, wherein the search query relates to status information associated with one or more on-board systems of the vehicle.

81. (**Currently Amended**) The method of claim 79, further comprising:

providing a natural language speech response to the search query based on one or more data sources that are on-board the vehicle.

82. (**Previously Presented**) The method of claim 71, further comprising:

detecting that the vehicle is approaching or has exceeded a travel limit for the vehicle;

providing interactive guidance for returning to the travel limit via an output device connected to the vehicle in response to detecting that the vehicle is approaching or has exceeded the travel limit; and

determining whether to extend the travel limit.

83. (**Previously Presented**) The method of claim 71, wherein the command or query is to be processed on-board the vehicle, and wherein the command or query includes a command to control the vehicle.

84. (**Previously Presented**) The method of claim 71, wherein the one or more recognized words or phrases are determined from the natural language utterance using a plurality of dictionary and phrase entries that are dynamically updated based on at least a history of a current dialog and one or more prior dialogs.

85. (**Previously Presented**) The method of claim 84, wherein the plurality of dictionary and phrase entries are further dynamically updated based on one or more dynamic fuzzy set possibilities or prior probabilities derived from the history of the current dialog and the prior dialogs.

86-87. (**Canceled**)

88. (**Previously Presented**) The mobile system of claim 56, wherein the one or more processors are programmed to:

identify a context based on the one or more recognized words, wherein the determination of whether the command or query is to be processed on-board or off-board the vehicle is further based on the context.

89. (**Currently Amended**) The mobile system of claim 88, wherein the natural language utterance is associated with a current dialog between the system and a user, and wherein the context is identified further based on one or more prior dialogs between the system and the user. [[.]]

90-97. (**Canceled**)

98. (**Previously Presented**) The mobile system of claim 56, wherein the one or more processors are programmed to:

receive an indication of fatigue of a user of the vehicle; and

initiate a dialog with the user to determine a fatigue level of the user.

99-117. (**Canceled**)

118. (**Currently Amended**) A computer-implemented method of processing natural language utterances, the method being implemented by a computer system that includes one or more processors executing one or more computer program instructions which, when executed, perform the method, the method comprising:

receiving, at a first device, a natural language utterance;

identifying a command or query based on one or more recognized words or phrases of the natural language utterance;

determining, at a device that is on-board the vehicle, whether the command or query is to be processed on-board or off-board a vehicle;

invoking an agent that is on-board the vehicle to process the command or query based on a determination that the command or query is to be processed on-board the vehicle; and

invoking a second device that communicates wirelessly over a wide area network to process the command or query based on a determination that the command or query is to be processed off-board the vehicle.

119. (**Previously Presented**) The method of claim 118, wherein the command or query is to be processed on-board the vehicle, and wherein the command or query includes a command to control the vehicle.

120. (**Currently Amended**) The method of claim 118, wherein the command or query is to be processed on-board the vehicle, and wherein the command or query includes a search query of an aspect of the vehicle.

121. (**Currently Amended**) The method of claim 120, wherein the search query relates to status information associated with one or more on-board systems of the vehicle.

122. (**Currently Amended**) The method of claim 120, further comprising:

providing a natural language speech response to the search query based on one or more data sources that are on-board the vehicle.

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12705311	KENNEWICK ET AL.
	Examiner	Art Unit
	FARIBA SIRJANI	2626

CPC- SEARCHED		
Symbol	Date	Examiner
G10L15/00,20,222,26,265,30,32,28	12-18-2013	fs
G06F3/16, B60R16/0373, G01C21/3608, H04M1/271, H04M3/4936	12-18-2013	fs

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
704	270, 275	11-5-2011	fs

SEARCH NOTES		
Search Notes	Date	Examiner
Inventor search.	11-5-2011	fs
Keyword search of PGPUB, USPAT and Derwent.	11-5-2011	fs
Search advice from M. Opsasnick and J. Wozniak.	11-7-2011	fs
Update inventor search and conduct keyword search.	7-24-2012	fs
Update inventor search and conduct keyword search and receive search advice from P. D. Shah.	4-29-2013	fs
Update inventor search and conduct keyword search.	9-16-2013	fs
Search and allowability advice from P. D. Shah. (Advisory on AF)	12-18-2013	fs

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner
704	270, 275, 251-257	7-24-2012	fs

/FARIBA SIRJANI/ Examiner.Art Unit 2626	

Google Exhibit 1019
Page 001437

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Request for Continued Examination (RCE) Transmittal

Address to:
Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Application Number	12/705,311
Filing Date	February 12, 2010
First Named Inventor	Robert A. KENNEWICK
Art Unit	2659
Examiner Name	Fariba SIRJANI
Attorney Docket Number	090611-0384800

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.
Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. See Instruction Sheet for RCEs (not to be submitted to the USPTO) on page 2.

1. Submission required under 37 CFR 1.114 Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

   a. ☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

      i. ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____

      ii. ☐ Other _____

   b. ☑ Enclosed

      i. ☑ Amendment/Reply

      ii. ☐ Affidavit(s)/ Declaration(s)

      iii. ☐ Information Disclosure Statement (IDS)

      iv. ☐ Other _____

2. Miscellaneous

   a. ☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of _____ months. (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

   b. ☐ Other _____

3. Fees The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.

   a. ☑ The Director is hereby authorized to charge the following fees, any underpayment of fees, or credit any overpayments, to Deposit Account No. 033975.

      i. ☑ RCE fee required under 37 CFR 1.17(e)

      ii. ☐ Extension of time fee (37 CFR 1.136 and 1.17)

      iii. ☐ Other _____

   b. ☐ Check in the amount of $ _____ enclosed

   c. ☐ Payment by credit card (Form PTO-2038 enclosed)

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Signature	/Ngai B. Zhang/	Date	January 8, 2014
Name (Print/Type)	Ngai B. Zhang	Registration No.	65,473

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop RCE, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.

Signature			
Name (Print/Type)		Date	

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**
If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE PATENT APPLICATION OF:	Robert A. KENNEWICK *et al.*
SERIAL NO.:	12/705,311
FILING DATE:	February 12, 2010
ATTORNEY DOCKET NO.:	090611-0384800
CONFIRMATION NO.:	8125
EXAMINER:	Fariba SIRJANI
ART UNIT:	2659
FOR:	MOBILE SYSTEMS AND METHODS FOR RESPONDING TO NATURAL LANGUAGE SPEECH UTTERANCE

AMENDMENT ACCOMPANYING REQUEST FOR CONTINUED EXAMINATION (RCE)

MAIL STOP RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Final Office Action mailed **October 8, 2013**, and the Advisory Action mailed **December 30, 2013**, please amend the above-identified application as follows:

Amendments to the Claims begin on page **2** of this paper.

Remarks begin on page **16** of this paper.

It is not believed that extensions of time or fees for net addition of claims are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned for under 37 C.F.R. § 1.136(a), and any fees required therefore (including fees for net addition of claims) are hereby authorized to be charged to Deposit Account No. 033975 (**Ref. No. 090611-0384800**).

This listing of claims will replace all prior versions and listings of claims in the Application.

LISTING OF CLAIMS:

1-55. (**Canceled**)

56. (**Currently Amended**) A mobile system for processing natural language utterances, comprising:

one or more physical processors at a vehicle that are programmed ~~with~~ to execute one or more computer program instructions ~~such that,~~ which, when executed, ~~the instructions~~ cause the one or more physical processors to:

receive a natural language utterance associated with a user; ~~at a first device in a vehicle;~~

identify a command or query based on the natural language utterance;

determine, based on the natural language utterance, whether [[a]] the command or query ~~relating to the natural language utterance~~ is to be ~~processed~~ executed on-board or off-board the vehicle ~~based on one or more recognized words or phrases of the natural language utterance~~;

~~invoke an agent that is on-board the vehicle to process~~ execute the command or query at the vehicle based on a determination that the command or query is to be ~~processed~~ executed on-board the vehicle; and

invoke a ~~second~~ device that communicates wirelessly over a wide area network to process the command or query such that the command or query is executed off-board the vehicle based on a determination that the command or query is to be ~~processed~~ executed off-board the vehicle.

57. (**Currently Amended**) The mobile system of claim 56, wherein executing the command or query at the vehicle comprises executing the command or query at a device built into the vehicle. ~~the instructions cause the one or more processors to execute an event manager~~

~~providing a multi-threaded environment for processing a plurality of commands or queries in a plurality of different domains across a plurality of overlapping or interleaved dialogs.~~

58. (**Currently Amended**) The mobile system of claim 56, wherein executing the command or query at the vehicle comprises executing the command or query at a device docked to the vehicle. ~~the instructions cause the one or more processors to determine whether processing the command or query will create a hazardous condition for the vehicle.~~

59. (**Currently Amended**) The mobile system of ~~claim 58,~~ claim 56, wherein the instructions cause the one or more physical processors to:

determine whether executing the command or query will create a hazardous condition for the vehicle;

provide interactive guidance to resolve the hazardous condition via an output device connected to the vehicle based on a determination that ~~processing~~ executing the command or query will create the hazardous condition; and

receive an input that manually overrides the hazardous condition determination, wherein the command or query is executed based on the manual override. ~~determination; and process the command or query based on the manual override.~~

60. (**Canceled**)

61. (**Currently Amended**) The mobile system of claim 56, wherein the instructions cause the one or more physical processors to:

associate one or more emergency words or phrases with [[a]] the user; and

identify the one or more emergency words or phrases in [[the]] one or more recognized words or phrases of the natural language utterance,

wherein the ~~second~~ device is invoked to process the command or query to summon emergency help further based on the identification of the one or more emergency words or phrases. [[.]]

62. (**Currently Amended**) The mobile system of claim 56, wherein the instructions cause the one or more physical processors to:

detect an accident situation from information received from one or more sensors connected to the vehicle;

provide one or more interactive announcements or warnings via an output device connected to the vehicle in response to detecting the accident situation;

receive an input that is in response to the one or more interactive announcements or warnings, the input indicating a nature of the accident situation or a condition of a person in the vehicle; and

communicate the nature of the accident situation or the condition of the person in the vehicle to emergency personnel over a communications link.

63. (**Currently Amended**) The mobile system of ~~claim 62,~~ claim 56, wherein executing the command or query at the vehicle comprises executing the command or query at a device that is in or on the vehicle and that is in wireless communication with the vehicle. ~~the instructions cause the one or more processors to establish a voice channel over a communications link to enable communication between the person in the vehicle and the emergency personnel.~~

64. (**Currently Amended**) The mobile system of claim 56, wherein the command or query includes a search query that is to be ~~processed~~ executed on-board the vehicle by searching one or more data sources that are on-board the vehicle using at least one recognized word or phrase of the natural language utterance, and wherein the ~~command or~~ search query ~~includes a query of~~ relates to an aspect of the vehicle.

65. (**Currently Amended**) The mobile system of claim 64, wherein the search query relates to status information associated with one or more on-board systems of the vehicle.

66. (**Currently Amended**) The mobile system of claim 64, wherein the instructions cause the one or more physical processors to:

provide a natural language speech response to the natural language utterance ~~query~~ based on one or more results from the search of the one or more data sources ~~that are on-board the vehicle~~.

67. (**Currently Amended**) The mobile system of claim 56, wherein the instructions cause the one or more physical processors to:

detect that the vehicle is approaching or has exceeded a travel limit for the vehicle;

provide interactive guidance for returning to the travel limit via an output device connected to the vehicle in response to detecting that the vehicle is approaching or has exceeded the travel limit; and

determine whether to extend the travel limit.

68. (**Currently Amended**) The mobile system of claim 56, wherein the command or query is to be ~~processed~~ executed on-board the vehicle, and wherein the command or query includes a command to control the vehicle.

69. (**Currently Amended**) The mobile system of claim 56, wherein the instructions cause the one or more physical processors to:

identify a second command or query based on the natural language utterance;

determine, based on the natural language utterance, whether the second command or query is to be executed on-board or off-board the vehicle;

execute the second command or query at the vehicle based on a determination that the second command or query is to be executed on-board the vehicle; and

invoke a device that communicates wirelessly over a wide area network to process the second command or query such that the second command or query is executed off-board the vehicle based on a determination that the second command or query is to be executed off-board the vehicle. ~~one or more recognized words or phrases are determined from the natural language utterance using a plurality of dictionary and phrase entries that are dynamically updated based on at least a history of a current dialog and one or more prior dialogs.~~

70. (**Currently Amended**) The mobile system of claim 69, wherein the command or query is executed at the vehicle and the second command or query is executed off-board the vehicle, or wherein the command or query is executed off-board the vehicle and the second command or query is executed on-board the vehicle. ~~the plurality of dictionary and phrase entries are further dynamically updated based on one or more dynamic fuzzy set possibilities or prior probabilities derived from the history of the current dialog and the prior dialogs.~~

71. (**Currently Amended**) A computer-implemented method for processing natural language utterances, the method being implemented by a computer system that includes one or more physical processors at a vehicle executing one or more computer program instructions which, when executed, perform the method, the method comprising:

receiving, by the one or more physical processors, a natural language utterance associated with a user; ~~at a first device in a vehicle;~~

identifying, by the one or more physical processors, a command or query based on the natural language utterance;

determining, by the one or more physical processors based on the natural language utterance, whether [[a]] the command or query ~~relating to the natural language utterance~~ is to be ~~processed~~ executed on-board or off-board the vehicle ~~based on one or more recognized words or phrases of the natural language utterance~~;

~~invoking an agent that is on-board the vehicle to process~~ executing, by the one or more physical processors, the command or query at the vehicle based on a determination that the command or query is to be ~~processed~~ executed on-board the vehicle; and

invoking, by the one or more physical processors, a ~~second~~ device that communicates wirelessly over a wide area network to process the command or query such that the command or query is executed off-board the vehicle based on a determination that the command or query is to be ~~processed~~ executed off-board the vehicle.

72. (**Currently Amended**) The method of claim 71, wherein executing the command or query at the vehicle comprises executing the command or query at a device built into the vehicle. ~~further comprising: providing an event manager having a multi-threaded environment for processing a plurality of commands or queries in a plurality of different domains across a plurality of overlapping or interleaved dialogs.~~

73. (**Currently Amended**) The method of claim 71, wherein executing the command or query at the vehicle comprises executing the command or query at a device docked to the vehicle. ~~further comprising: determining whether processing the request will create a hazardous condition for the vehicle.~~

74. (**Currently Amended**) The method of claim 71, further comprising:

determining, by the one or more physical processors, whether executing the command or query will create a hazardous condition for the vehicle;

providing, by the one or more physical processors, interactive guidance to resolve the hazardous condition via an output device connected to the vehicle based on a determination that ~~processing~~ executing the command or query will create the hazardous condition; and

receiving, by the one or more physical processors, an input that manually overrides the hazardous condition determination, wherein the command or query is executed based on the manual override. ~~determination; and processing the command or query based on the manual override.~~

75. (**Canceled**)

76. (**Currently Amended**) The method of claim 71, further comprising:

associating, by the one or more physical processors, one or more emergency words or phrases with [[a]] the user; and

identifying, by the one or more physical processors, the one or more emergency words or phrases in [[the]] one or more recognized words or phrases of the natural language utterance,

wherein the ~~second~~ device is invoked to process the command or query to summon emergency help further based on the identification of the one or more emergency words or phrases.

77. (**Currently Amended**) The method of claim 71, further comprising:

detecting, by the one or more physical processors, an accident situation from information received from one or more sensors connected to the vehicle;

providing, by the one or more physical processors, one or more interactive announcements or warnings via an output device connected to the vehicle in response to detecting the accident situation;

receiving, by the one or more physical processors, an input that is in response to the one or more interactive announcements or warnings, the input indicating a nature of the accident situation or a condition of a person in the vehicle; and

communicating, by the one or more physical processors, the nature of the accident situation or the condition of the person in the vehicle to emergency personnel over a communications link.

78. (**Currently Amended**) The method of claim 71, wherein executing the command or query at the vehicle comprises executing the command or query at a device that is in or on the vehicle and that is in wireless communication with the vehicle. ~~claim 77, further comprising: establishing a voice channel over a communications link to enable communication between the person in the vehicle and the emergency personnel.~~

79. (**Currently Amended**) The method of claim 71, wherein the command or query includes a search query that is to be ~~processed~~ executed on-board the vehicle by searching one or more data sources that are on-board the vehicle using at least one recognized word or phrase of the natural language utterance, and wherein the ~~command or~~ search query ~~includes a query of~~ relates to an aspect of the vehicle.

80. (**Currently Amended**) The method of claim 79, wherein the search query relates to status information associated with one or more on-board systems of the vehicle.

81. (**Currently Amended**) The method of claim 79, further comprising:

providing, by the one or more physical processors, a natural language speech response to the natural language utterance ~~query~~ based on one or more results from the search of the one or more data sources ~~that are on-board the vehicle~~.

82. (**Currently Amended**) The method of claim 71, further comprising:

detecting, by the one or more physical processors, that the vehicle is approaching or has exceeded a travel limit for the vehicle;

providing, by the one or more physical processors, interactive guidance for returning to the travel limit via an output device connected to the vehicle in response to detecting that the vehicle is approaching or has exceeded the travel limit; and

determining, by the one or more physical processors, whether to extend the travel limit.

83. (**Currently Amended**) The method of claim 71, wherein the command or query is to be ~~processed~~ executed on-board the vehicle, and wherein the command or query includes a command to control the vehicle.

84. (**Currently Amended**) The method of claim 71, further comprising:

identifying, by the one or more physical processors, a second command or query based on the natural language utterance;

determining, by the one or more physical processors based on the natural language utterance, whether the second command or query is to be executed on-board or off-board the vehicle;

executing, by the one or more physical processors, the second command or query at the vehicle based on a determination that the second command or query is to be executed on-board the vehicle; and

invoking, by the one or more physical processors, a device that communicates wirelessly over a wide area network to process the second command or query such that the second command or query is executed off-board the vehicle based on a determination that the second command or query is to be executed off-board the vehicle. ~~wherein the one or more recognized words or phrases are determined from the natural language utterance using a plurality of dictionary and phrase entries that are dynamically updated based on at least a history of a current dialog and one or more prior dialogs.~~

85. (**Currently Amended**) The method of claim 84, wherein the command or query is executed at the vehicle and the second command or query is executed off-board the vehicle, or wherein the command or query is executed off-board the vehicle and the second command or query is executed on-board the vehicle. ~~the plurality of dictionary and phrase entries are further dynamically updated based on one or more dynamic fuzzy set possibilities or prior probabilities derived from the history of the current dialog and the prior dialogs.~~

86-87. (**Canceled**)

88. (**Currently Amended**) The mobile system of claim 56, wherein the instructions cause the one or more physical processors ~~are programmed~~ to:

identify a context associated with the natural language utterance based on a current or prior dialog between the system and the user, ~~the one or more recognized words,~~

wherein the determination of whether the command or query is to be ~~processed~~ executed on-board or off-board the vehicle is further based on the context.

89. (**Currently Amended**) The mobile system of claim 56, wherein the system has access to domain-specific agents, and wherein the instructions cause the one or more physical processors to:

identify first and second domains associated with the natural language utterance;

identify a first domain-specific agent to execute the command or query based on the first domain, wherein the command or query is executed at the vehicle or executed off-board the vehicle further based on whether the first domain-specific agent is at the vehicle or on a system remote from the vehicle;

identify a second command or query based on the natural language utterance;

identify a second domain-specific agent to execute the second command or query based on the second domain;

determine whether the second command or query is to be executed on-board or off-board the vehicle based on whether the second domain-specific agent is at the vehicle or on a system remote from the vehicle;

execute the second command or query at the vehicle based on a determination that the second command or query is to be executed on-board the vehicle; and

invoke a device that communicates wirelessly over a wide area network to process the second command or query such that the second command or query is executed off-board the vehicle based on a determination that the second command or query is to be executed off-board the vehicle. ~~claim 88, wherein the natural language utterance is associated with a current~~

~~dialog between the system and a user, and wherein the context is identified further based on one or more prior dialogs between the system and the user..~~

90-97. (**Canceled**)

98. (**Currently Amended**) The mobile system of claim 56, wherein the command or query includes a command that is to be executed at the vehicle, and wherein the instructions cause the one or more physical processors ~~are programmed~~ to:

identify a query based on the natural language utterance;

invoke a device that communicates wirelessly over a wide area network to process the query such that the query is executed off-board the vehicle based on a determination that the query is to be executed off-board the vehicle; and

receive, from a device off-board the vehicle, a response to the query, wherein the command is executed at the vehicle based on the query response. ~~receive an indication of fatigue of a user of the vehicle; and initiate a dialog with the user to determine a fatigue level of the user.~~

99-117. (**Canceled**)

118. (**Currently Amended**) A computer-implemented method of processing natural language utterances, the method being implemented by a computer system that includes one or more physical processors at a vehicle executing one or more computer program instructions which, when executed, perform the method, the method comprising:

receiving, by the one or more physical processors, ~~at a first device,~~ a natural language utterance associated with a user;

~~identifying a command or~~ generating, by the one or more physical processors, a search query based on ~~one or more recognized words or phrases of~~ the natural language utterance, wherein the search query includes at least one recognized word or phrase of the natural language utterance;

determining, by the one or more physical processors based on the natural language utterance, whether the ~~command or~~ search query is to be ~~processed~~ executed on-board or off-board a vehicle;

~~invoking an agent that is on-board the vehicle to process~~ executing, by the one or more physical processors, the ~~command or~~ search query at the vehicle based on a determination that the ~~command or~~ search query is to be ~~processed~~ executed on-board the vehicle; and

invoking, by the one or more physical processors, a ~~second~~ device that communicates wirelessly over a wide area network to process the ~~command or~~ search query such that the search query is executed off-board the vehicle based on a determination that the ~~command or~~ search query is to be ~~processed~~ executed off-board the vehicle.

119. (**Currently Amended**) The method of claim 118, further comprising:

identifying, by the one or more physical processors, a command or query based on the natural language utterance, wherein the command or query is different than the search query;

determining, by the one or more physical processors based on the natural language utterance, whether the second command or query is to be executed on-board or off-board the vehicle;

executing, by the one or more physical processors, the second command or query at the vehicle based on a determination that the second command or query is to be executed on-board the vehicle; and

invoking, by the one or more physical processors, a device that communicates wirelessly over a wide area network to process the second command or query such that the second command or query is executed off-board the vehicle based on a determination that the second command or query is to be executed off-board the vehicle. ~~wherein the command or query is to be processed on-board the vehicle, and wherein the command or query includes a command to control the vehicle.~~

120. (**Currently Amended**) The method of claim 118, wherein the ~~command or~~ search query is to be ~~processed~~ executed on-board the vehicle by searching one or more data sources that are on-board the vehicle using the at least one recognized word or phrase, and wherein the search query relates to ~~command or query includes a query of~~ an aspect of the vehicle.

121. (**Currently Amended**) The method of claim 120, wherein the search query relates to status information associated with one or more on-board systems of the vehicle.

122. (**Currently Amended**) The method of claim 120, further comprising:

providing, by the computer system, a natural language speech response to the natural language utterance ~~query~~ based on one or more results from the search of the one or more data sources ~~that are on-board the vehicle~~.

REMARKS

In response to the Final Office Action mailed **October 8, 2013** (hereinafter, "Final Action"), and the Advisory Action mailed **December 30, 2013** (hereinafter, "Advisory Action"), claims 56-59, 61-74, 76-85, 88, 89, 98, and 118-122 have been amended. No claims have been cancelled or newly added. Therefore, claims 56-59, 61-74, 76-85, 88, 89, 98, and 118-122 remain pending. Support for the instant amendments is provided throughout the as-filed Specification. Thus, no new matter has been added. In view of the foregoing amendments and following comments, allowance of all the claims pending in the application is requested.

OBJECTION TO CLAIM 73

The amendment to claim 73 has rendered the objection moot. Accordingly, withdrawal of the objection is earnestly sought.

EXAMINER INTERVIEW, 35 U.S.C. §§ 102 AND 103 REJECTIONS, AND ADVISORY ACTION

Examiner Sirjani is thanked for the courtesies extended to Applicants' representative (the undersigned) during telephonic interviews conducted on November 12, 2013 and December 18, 2013 (hereinafter, "First and Second Interviews," respectively). *Solely* in an effort to expedite prosecution, and in *no way* acquiescing in the propriety of the 35 U.S.C. §§ 102 and 103 rejections, independent claims 56, 71, and 118 have been amended to clarify aspects of the invention. As agreed during the First Interview, the references cited for the 35 U.S.C. §§ 102 and 103 rejections in the Final Action do not teach or suggest independent claims 56, 71, and 118 (as currently amended). Accordingly, withdrawal of the 35 U.S.C. §§ 102 and 103 rejections is earnestly sought.

As indicated in the Advisory Action, Examiner Sirjani provided U.S. Patent No. 6,721,633 to Funk *et al.* (hereinafter, "Funk") during the Second Interview for Applicants' consideration. Nevertheless, Funk does not teach or suggest independent claims 56, 71, and 118 (as currently amended) for at least the reasons set forth below.

A. Funk Fails to Teach or Suggest Independent Claims 56 and 71

For example, independent claim 56 recites, *inter alia*, the features of:

> one or more physical processors at a vehicle that are programmed to execute one or more computer program instructions which, when executed, cause the one or more physical processors to:
>
> receive a natural language utterance associated with a user;
>
> identify a command or query based on the natural language utterance;
>
> determine, based on the natural language utterance, whether the command or query is to be executed on-board or off-board the vehicle;
>
> execute the command or query at the vehicle based on a determination that the command or query is to be executed on-board the vehicle; and
>
> invoke a device that communicates wirelessly over a wide area network to process the command or query such that the command or query is executed off-board the vehicle based on a determination that the command or query is to be executed off-board the vehicle.
>
> [Emphasis added].

Independent claim 71 include similar recitations.

In the Advisory Action, the Examiner cites to column 5 of Funk for Applicants' consideration. For illustrative purposes, excerpts from columns 5 and 6 of Funk are provided below:

> Alternative keywords in Main Menu 7 may include an information keyword (not shown). An information keyword may access a weather function in Submenu 8, which may in turn access an offboard server for recognition of various place names and numerous weather inquiries (e.g. "What temperature is it in London?", "What is the average rainfall in July in San Diego?", etc.). Additionally, some weather inquiries may be recognized by an onboard voice-recognition system (not shown) for locally available information (e.g. "What is the temperature outside?", etc.). An information keyword may also access a financial information function in Submenu 8, which may in turn access an offboard server for recognition of various company names and different investment data (e.g. "What is the current price of company Z?", "Which mutual funds hold stock in company Z?", etc.). [col. 5, lns. 25-40] [emphasis added].

> An example of this scenario could be as follows. User 29 wants to go to a restaurant. User 29 activates the onboard function "Information" of Mobile Unit 28 by asking for "information." Mobile Unit 28 recognizes the command and control function "information" with an onboard voice recognition system and responds to User 29 with an autoreply asking "what type of information?" When User 29 responds to the autoreply by saying "restaurant information," Mobile Unit 28 recognizes the need to access the off-board voice portal server and calls seamlessly Voice Portal 27 and forwards User 29's request for "restaurant information." Voice Portal 27 guides User 29 through Dialogue 31 resulting in Result 32, which is a particular restaurant. Voice Portal 27 gives as Result 32 the name and address of this restaurant back to Mobile Unit 28. [col. 5, ln. 56, to col. 6, ln. 3] [emphasis added].

As shown in the above-excerpts, Funk appears to teach the use of information keywords to determine whether subsequent utterances are to be recognized on-board or off-board the mobile unit 28. [*See also* Funk, figs. 7 and 8]. As an example, Funk provides that an information keyword may be utilized to "access an offboard service for recognition of various place names and numerous weather inquiries." [Funk, col. 5, lns. 25-40]. Once the offboard service is accessed, the offboard service may be utilized to recognize subsequent utterances of the user, such as "'What temperature is it in London?', 'What is the average rainfall in July in San Diego?', etc." *Id.*

As another example, Funk provides that an information keyword may be utilized to "access an offboard server for recognition of various company names and different investment data." *Id.* Once the offboard service is accessed, the offboard service may be utilized to recognize subsequent utterances of the user, such as "'What is the current price of company Z?', 'Which mutual funds hold stock in company Z?', etc." *Id.*

As a further example, Funk provides that the information keyword "restaurant information" may be utilized to call a voice portal 27 for recognition of subsequent utterances relating to restaurants. [Funk, col. 5, ln. 56, to col. 6, ln. 3]. Upon recognition of the subsequent utterances, voice portal may return result 32, such as the name and address of a particular restaurant to mobile unit 28. *Id.*

However, the use of information keywords in Funk to determine whether to perform recognition of subsequent utterances on-board or off-board its mobile unit 28 does not teach or suggest: (1) an identification of a command or query by one or more physical processors at a vehicle based on a natural language utterance; and (2) a determination by the one or more physical processors of whether the command or query (that is identified based on the natural language utterance) is to be executed on-board or off-board the vehicle, much less all of the foregoing claim recitations.

Specifically, even assuming arguendo that Funk teaches that the information keywords spoken by a user causes its mobile unit 28 to determine whether to perform on-board or off-board execution of commands or queries that are identified from subsequent utterances, Funk fails to teach that mobile unit 28 determines, based on an information keyword spoken by a user, whether to perform on-board or off-board execution of a command or query that is identified from the spoken information keyword.

For at least the foregoing reasons, independent claims 56 and 71 are allowable. In addition, dependent claims 57-59, 61-70, 72-74, 76-85, 88, 89, and 98 are allowable because they each ultimately depend from an allowable independent claim, as well as for the further features they recite.

B. Funk Fails to Teach or Suggest Independent Claim 118

For example, independent claim 118 recites, *inter alia*, the features of:

> receiving, by the one or more physical processors at a vehicle, a natural language utterance associated with a user;
>
> generating, by the one or more physical processors, a search query based on the natural language utterance, wherein the search query includes at least one recognized word or phrase of the natural language utterance;
>
> determining, by the one or more physical processors based on the natural language utterance, whether the search query is to be executed on-board or off-board a vehicle;

> executing, by the one or more physical processors, the search query at the vehicle based on a determination that the search query is to be executed on-board the vehicle; and
>
> invoking, by the one or more physical processors, a device that communicates wirelessly over a wide area network to process the search query such that the search query is executed off-board the vehicle based on a determination that the search query is to be executed off-board the vehicle.
>
> [Emphasis added].

Funk fails to teach: (1) a generation of a search query by one or more physical processors at a vehicle based on a natural language utterance where the search query includes at least one recognized word or phrase of the natural language utterance; and (2) a determination by the one or more physical processors of whether the search query (that is generated based on the natural language utterance and that includes the at least one recognized word or phrase) is to be executed on-board or off-board the vehicle, much less all of the foregoing claim recitations, for at least the reasons set forth in Section A above.

In addition, even assuming arguendo that Funk teaches that the information keywords spoken by a user causes its mobile unit 28 to determine whether to perform on-board or off-board execution of queries that are identified from subsequent utterances, Funk fails to teach that mobile unit 28 determines, based on an information keyword spoken by a user, whether to perform on-board or off-board execution of a query that is identified from the spoken information keyword and that includes at least one recognized word or phrase of the information keyword.

For at least the foregoing reasons, independent claim 118 is allowable. In addition, dependent claims 119-122 are allowable because they each ultimately depend from independent claim 118, as well as for the further features they recite.

CONCLUSION

Having addressed each of the foregoing objection and rejections, it is respectfully submitted that a full and complete response has been made to the outstanding Office Action and, as such, the application is in condition for allowance. Notice to that effect is respectfully requested.

If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at the number provided.

Respectfully submitted,

Date: **January 8, 2014**

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Electronic Patent Application Fee Transmittal

Application Number:	12705311
Filing Date:	12-Feb-2010
Title of Invention:	MOBILE SYSTEMS AND METHODS FOR RESPONDING TO NATURAL LANGUAGE SPEECH UTTERANCE
First Named Inventor/Applicant Name:	Robert A. Kennewick
Filer:	Ngai Bing Zhang/Miriam Nelsen Awan
Attorney Docket Number:	090611-0384800

Filed as Small Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
RCE - 2nd and Subsequent Request	2820	1	850	850
		Total in USD ($)		**850**

Electronic Acknowledgement Receipt

EFS ID:	17856374
Application Number:	12705311
International Application Number:	
Confirmation Number:	8125
Title of Invention:	MOBILE SYSTEMS AND METHODS FOR RESPONDING TO NATURAL LANGUAGE SPEECH UTTERANCE
First Named Inventor/Applicant Name:	Robert A. Kennewick
Customer Number:	909
Filer:	Ngai Bing Zhang/Miriam Nelsen Awan
Filer Authorized By:	Ngai Bing Zhang
Attorney Docket Number:	090611-0384800
Receipt Date:	08-JAN-2014
Filing Date:	12-FEB-2010
Time Stamp:	16:18:27
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	$850
RAM confirmation Number	3138
Deposit Account	033975
Authorized User	

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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Request for Continued Examination (RCE)	090611-0384800_RCE.pdf	526910 319b26572e97485c9404618618a8d9a64112b905	no	1
Warnings:					
This is not a USPTO supplied RCE SB30 form.					
Information:					
2		090611-0384800_Amendment ForRCE.pdf	588575 290253ebdc2a98f27aea259af262ad7be8890515	yes	21

Multipart Description/PDF files in .zip description		
Document Description	**Start**	**End**
Amendment Submitted/Entered with Filing of CPA/RCE	1	1
Claims	2	15
Applicant Arguments/Remarks Made in an Amendment	16	21

Warnings:					
Information:					
3	Fee Worksheet (SB06)	fee-info.pdf	30769 e47d775c1c698c1d510b92ea95f26bf678b676fb	no	2
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If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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New International Application Filed with the USPTO as a Receiving Office

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PTO/SB/06 (09-11)
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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 12/705,311	Filing Date 02/12/2010	☐ To be Mailed

ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO

APPLICATION AS FILED – PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X $ =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $310 ($155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))				
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	

APPLICATION AS AMENDED – PART II

AMENDMENT **01/08/2014**

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
Total (37 CFR 1.16(i))	* 36	Minus	** 57	= 0	X $40 =	0
Independent (37 CFR 1.16(h))	* 4	Minus	***18	= 0	X $210 =	0
☐ Application Size Fee (37 CFR 1.16(s))						
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
					TOTAL ADD'L FEE	0

AMENDMENT

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
Total (37 CFR 1.16(i))	*	Minus	**	=	X $ =	
Independent (37 CFR 1.16(h))	*	Minus	***	=	X $ =	
☐ Application Size Fee (37 CFR 1.16(s))						
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
					TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

LIE
/TRACIE ROBERTSON/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**
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NOTICE OF ALLOWANCE AND FEE(S) DUE

909 7590 02/27/2014

Pillsbury Winthrop Shaw Pittman, LLP (NV)
PO Box 10500
McLean, VA 22102

EXAMINER
SIRJANI, FARIBA

ART UNIT	PAPER NUMBER
2659	

DATE MAILED: 02/27/2014

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/705,311	02/12/2010	Robert A. Kennewick	090611-0384800	8125

TITLE OF INVENTION: MOBILE SYSTEMS AND METHODS FOR RESPONDING TO NATURAL LANGUAGE SPEECH UTTERANCE

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	$480	$0	$0	$480	05/27/2014

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/705,311	02/12/2010	Robert A. Kennewick	090611-0384800	8125

TITLE OF INVENTION: MOBILE SYSTEMS AND METHODS FOR RESPONDING TO NATURAL LANGUAGE SPEECH UTTERANCE

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	$480	$0	$0	$480	05/27/2014

EXAMINER	ART UNIT	CLASS-SUBCLASS
SIRJANI, FARIBA	2659	704-270100

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
- ❑ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ❑ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list
(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,
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1 _____
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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ❑ Individual ❑ Corporation or other private group entity ❑ Government

4a. The following fee(s) are submitted:
- ❑ Issue Fee
- ❑ Publication Fee (No small entity discount permitted)
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- ❑ Applicant certifying micro entity status. See 37 CFR 1.29
  NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.
- ❑ Applicant asserting small entity status. See 37 CFR 1.27
  NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.
- ❑ Applicant changing to regular undiscounted fee status.
  NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____

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Page 001467

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Alexandria, Virginia 22313-1450
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/705,311	02/12/2010	Robert A. Kennewick	090611-0384800	8125

909 7590 02/27/2014

Pillsbury Winthrop Shaw Pittman, LLP (NV)
PO Box 10500
McLean, VA 22102

EXAMINER	
SIRJANI, FARIBA	

ART UNIT	PAPER NUMBER
2659	

DATE MAILED: 02/27/2014

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 176 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 176 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Examiner-Initiated Interview Summary	Application No.	Applicant(s)	
	12/705,311	KENNEWICK ET AL.	
	Examiner	Art Unit	
	FARIBA SIRJANI	2659	

All participants (applicant, applicant's representative, PTO personnel):

(1) *FARIBA SIRJANI*. (3)_____.

(2) *Ngai Zhang*. (4)_____.

Date of Interview: *19 February 2014*.

Type: ☒ Telephonic ☐ Video Conference
☐ Personal [copy given to: ☐ applicant ☐ applicant's representative]

Exhibit shown or demonstration conducted: ☐ Yes ☐ No.
If Yes, brief description: _____.

Issues Discussed ☐101 ☐112 ☒102 ☐103 ☐Others
(For each of the checked box(es) above, please describe below the issue and detailed description of the discussion)

Claim(s) discussed: *56*.

Identification of prior art discussed: *Funk*.

Substance of Interview
(For each issue discussed, provide a detailed description and indicate if agreement was reached. Some topics may include: identification or clarification of a reference or a portion thereof, claim interpretation, proposed amendments, arguments of any applied references etc...)

Allowable subject matter was suggested by Examiner and accepted by Applicant.

Applicant recordation instructions: It is not necessary for applicant to provide a separate record of the substance of interview.

Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

☐ Attachment

/FARIBA SIRJANI/ Examiner, Art Unit 2659	

Notice of Allowability	Application No. 12/705,311	Applicant(s) KENNEWICK ET AL.	
	Examiner FARIBA SIRJANI	Art Unit 2659	AIA (First Inventor to File) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *1/8/2014*.
   ☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on_____.
2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
3. ☐ The allowed claim(s) is/are _____. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov .
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

   Certified copies:

   a) ☐ All b) ☐ Some *c) ☐ None of the:
   1. ☐ Certified copies of the priority documents have been received.
   2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
   3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
   ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

   Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
4. ☒ Interview Summary (PTO-413), Paper No./Mail Date _____ .
5. ☒ Examiner's Amendment/Comment
6. ☒ Examiner's Statement of Reasons for Allowance
7. ☐ Other _____.

/FARIBA SIRJANI/
Examiner, Art Unit 2659

The present application is being examined under the pre-AIA first to invent provisions.

DETAILED ACTION

Claims 56-59, 61-74, 76-85, 88-89, 98, and 118-122 are pending. Claims 56, 71, and 118 are independent.

The pending Claims are allowed subject to the Examiner's Amendment below.

A terminal disclaimer was filed on 12-3-2012 over the term of U.S. Patent No. 7,693,720.

Continued Examination Under 37 CFR 1.114

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 1/8/2014 has been entered.

Response to Amendments

The objection to Claim 73 for the antecedent basis issue is withdrawn in view of the amendments to this Claim.

Examiner's Amendment

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided

by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a communication from Applicant's Representative, Mr. Ngai Zhang, on 2/19/2004.

Amend Claims 56, 69, 71, 74, 77, 89, 118, and 119 as shown below:

56. A mobile system for processing natural language utterances, comprising:

one or more physical processors at a vehicle that are programmed to execute one or more computer program instructions which, when executed, cause the one or more physical processors to:

receive a natural language utterance associated with a user; ~~identify a command or query based on the natural language utterance;~~

perform speech recognition on the natural language utterance;

parse and interpret the speech recognized natural language utterance;

determine a domain and a context that are associated with the parsed and interpreted natural language utterance;

formulate a command or query based on the domain and the context;

determine~~, based on the natural language utterance,~~ whether the command or query is to be executed on-board or off-board the vehicle;

execute the command or query at the vehicle ~~based on~~ in response to a determination that the command or query is to be executed on-board the vehicle; and

invoke a device that communicates wirelessly over a wide area network to process the command or query such that the command or query is executed off-board the vehicle ~~based on~~ in response to a determination that the command or query is to be executed off-board the vehicle.

69. The mobile system of claim 56, wherein the instructions cause the one or more physical processors to:

identify a second command or query based on the natural language utterance;

determine, based on the natural language utterance, whether the second command or query is to be executed on-board or off-board the vehicle;

execute the second command or query at the vehicle ~~based on~~ in response to a determination that the second command or query is to be executed on-board the vehicle; and

invoke a device that communicates wirelessly over a wide area network to process the second command or query such that the second command or query is executed off-board the vehicle ~~based on~~ in response to a determination that the second command or query is to be executed off-board the vehicle.

71. A computer-implemented method for processing natural language utterances, the method being implemented by a computer system that includes one or more physical processors at a vehicle executing one or more computer program instructions which, when executed, perform the method, the method comprising:

receiving, [[by]] at the one or more physical processors, a natural language utterance associated with a user; ~~identifying, by the one or more physical processors, a command or query based on the natural language utterance;~~

performing, by the one or more physical processors, speech recognition on the natural language utterance;

parsing and interpreting, by the one or more physical processors, the speech recognized natural language utterance;

determining, by the one or more physical processors, a domain and a context that are associated with the parsed and interpreted natural language utterance;

formulating, by the one or more physical processors, a command or query based on the domain and the context;

determining, by the one or more physical processors ~~based on the natural language utterance~~, whether the command or query is to be executed on-board or off-board the vehicle;

executing, by the one or more physical processors, the command or query at the vehicle ~~based on~~ in response to a determination that the command or query is to be executed on-board the vehicle; and

invoking, by the one or more physical processors, a device that communicates wirelessly over a wide area network to process the command or query such that the command or query is executed off-board the vehicle ~~based on~~ in response to a determination that the command or query is to be executed off-board the vehicle.

74. The method of claim 71, further comprising:

determining, by the one or more physical processors, whether executing the command or query will create a hazardous condition for the vehicle;

providing, by the one or more physical processors, interactive guidance to resolve the hazardous condition via an output device connected to the vehicle based on a determination that executing the command or query will create the hazardous condition; and

receiving, [[by]] at the one or more physical processors, an input that manually overrides the hazardous condition determination, wherein the command or query is executed based on the manual override.

77. The method of claim 71, further comprising:

detecting, by the one or more physical processors, an accident situation from information received from one or more sensors connected to the vehicle;

providing, by the one or more physical processors, one or more interactive announcements or warnings via an output device connected to the vehicle in response to detecting the accident situation;

receiving, [[by]] at the one or more physical processors, an input that is in response to the one or more interactive announcements or warnings, the input indicating a nature of the accident situation or a condition of a person in the vehicle; and

communicating, by the one or more physical processors, the nature of the accident situation or the condition of the person in the vehicle to emergency personnel over a communications link.

84. The method of claim 71, further comprising:

identifying, by the one or more physical processors, a second command or query based on the natural language utterance;

determining, by the one or more physical processors, based on the natural language utterance, whether the second command or query is to be executed on-board or off-board the vehicle;

executing, by the one or more physical processors, the second command or query at the vehicle ~~based on~~ in response to a determination that the second command or query is to be executed on-board the vehicle; and

invoking, by the one or more physical processors, a device that communicates wirelessly over a wide area network to process the second command or query such that the second command or query is executed off-board the vehicle ~~based on~~ in response to a determination that the second command or query is to be executed off-board the vehicle.

89. The mobile system of claim 56, wherein the system has access to domain-specific agents, and wherein the instructions cause the one or more physical processors to: ~~identify first and second domains associated with the natural language utterance;~~

identify a first domain-specific agent to execute the command or query based on the ~~first~~ domain, wherein the command or query is executed at the vehicle or executed off-board the vehicle further based on whether the first domain-specific agent is at the vehicle or on a system remote from the vehicle;

identify a second command or query based on the natural language utterance;

determine a second domain associated with natural language utterance;

identify a second domain-specific agent to execute the second command or query based on the second domain;

determine whether the second command or query is to be executed on-board or off-board the vehicle based on whether the second domain-specific agent is at the vehicle or on a system remote from the vehicle;

execute the second command or query at the vehicle ~~based on~~ in response to a determination that the second command or query is to be executed on-board the vehicle; and

invoke a device that communicates wirelessly over a wide area network to process the second command or query such that the second command or query is executed off-board the vehicle ~~based on~~ in response to a determination that the second command or query is to be executed off-board the vehicle.

118. A computer-implemented method of processing natural language utterances, the method being implemented by a computer system that includes one or more physical processors at a vehicle executing one or more computer program instructions which, when executed, perform the method, the method comprising:

receiving, [[by]] at the one or more physical processors, a natural language utterance associated with a user;

performing, by the one or more physical processors, speech recognition on the natural language utterance;

parsing and interpreting, by the one or more physical processors, the speech recognized natural language utterance;

determining, by the one or more physical processors, a domain and a context that are associated with the parsed and interpreted natural language utterance;

formulating, by the one or more physical processors, a search query based on the domain and the context ~~generating, by the one or more physical processors, a search query based on the natural language utterance,~~ wherein the search query includes at least one recognized word or phrase of the natural language utterance;

determining, by the one or more physical processors ~~based on the natural language utterance~~, whether the search query is to be executed on-board or off-board a vehicle;

executing, by the one or more physical processors, the search query at the vehicle ~~based on~~ in response to a determination that the search query is to be executed on-board the vehicle; and

invoking, by the one or more physical processors, a device that communicates wirelessly over a wide area network to process the search query such that the search query is executed off-board the vehicle ~~based on~~ in response to a determination that the search query is to be executed off-board the vehicle.

119. The method of claim 118, further comprising:

identifying, by the one or more physical processors, a command or query based on the natural language utterance, wherein the command or query is different than the search query;

determining, by the one or more physical processors, based on the natural language utterance, whether the ~~second~~ command or query is to be executed on-board or off-board the vehicle;

executing, by the one or more physical processors, the ~~second~~ command or query at the vehicle ~~based on~~ in response to a determination that the ~~second~~ command or query is to be executed on-board the vehicle; and

invoking, by the one or more physical processors, a device that communicates wirelessly over a wide area network to process the ~~second~~ command or query such that the ~~second~~ command or query is executed off-board the vehicle ~~based on~~ in response to a determination that the ~~second~~ command or query is to be executed off-board the vehicle.

Allowable Subject Matter

Claims 56-59, 61-74, 76-85, 88-89, 98, and 118-122 are allowed.

The independent Claims, when each independent Claim was examined as a whole, were not found in the art that was reviewed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Close Art of Record

Close art of record follows.

Funk (US 6,721,633). See, e.g., Col. 1, lines 66 to Col. 3, line 40, Col. 5, lines 55-66 and Col. 7, line 50 to Col. 8, line 9, Figure 1, Figure 2, and Figure 4. Funk does teach that the "data sources … are on-board the vehicle" and also includes that a query to such a database is "processed on-board the vehicle." In the situation that block 44 of Figures 7 or 8 determines that "request is for command control function" then at block 45 "conduct voice recognition on-board" and at block 46 "activate function of mobile unit according to request." In this situation, everything is done on the on-board system and the "activate function of the mobile unit" may be conducting a query to the on-board sensors. Thus, Funk teaches on-board processing of a query that is directed to sensor data of the car.

Funk also discusses a scenario where the language of the query is too complicated for the Mobile Unit to process and therefore outsources the speech recognition to the Voice Portal: "The number of variations in the phrasing of Request 30 may require that Mobile Unit 28 communicate the request to Voice Portal 27 via Voice Channel 33." Funk, Col. 7, lines 56-60.

However, in Funk, the decision of whether to process the Request on-board or off-board is based on keyword recognition of the input speech. Funk does not teach that it has an on-board capability for natural language processing beyond keyword spotting. If a keyword corresponding to the car sensors is not spotted in the input speech, Funk sends the speech processing off-board such that the natural language processing for determining such a query is done by the Voice Portal which is not on-board. (Funk, Figures 3 or 4 and Col. 7, line 50 to Col. 8, line 9.)

Junqua (U.S. 6,598,018) teaches natural language processing and extraction of command or query entirely on-board a vehicle but not sending the query off-board.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to FARIBA SIRJANI whose telephone number is (571)270-1499. The examiner can normally be reached on Monday through Thursday 9am to 4pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Pierre-Louis Desir can be reached on 571-272-7799. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/FARIBA SIRJANI/
Examiner, Art Unit 2659

/PIERRE-LOUIS DESIR/
Supervisory Patent Examiner, Art Unit 2659

Examiner-Initiated Interview Summary	Application No.	Applicant(s)	
	12/705,311	KENNEWICK ET AL.	
	Examiner	Art Unit	
	FARIBA SIRJANI	2659	

All participants (applicant, applicant's representative, PTO personnel):

(1) *FARIBA SIRJANI*. (3)_____.

(2) *Ngai Zhang*. (4)_____.

Date of Interview: *19 February 2014*.

Type: ☒ Telephonic ☐ Video Conference
☐ Personal [copy given to: ☐ applicant ☐ applicant's representative]

Exhibit shown or demonstration conducted: ☐ Yes ☐ No.
If Yes, brief description: _____.

Issues Discussed ☐101 ☐112 ☒102 ☐103 ☐Others
(For each of the checked box(es) above, please describe below the issue and detailed description of the discussion)

Claim(s) discussed: *56*.

Identification of prior art discussed: *Funk*.

Substance of Interview
(For each issue discussed, provide a detailed description and indicate if agreement was reached. Some topics may include: identification or clarification of a reference or a portion thereof, claim interpretation, proposed amendments, arguments of any applied references etc...)

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Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

☐ Attachment

/FARIBA SIRJANI/ Examiner, Art Unit 2659	

Notice of References Cited	Application/Control No. 12/705,311	Applicant(s)/Patent Under Reexamination KENNEWICK ET AL.	
	Examiner FARIBA SIRJANI	Art Unit 2659	Page 1 of 2

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-6,028,514 A	02-2000	Lemelson et al.	340/539.13
*	B	US-6,411,893 B1	06-2002	Ruhl, Hans-Wilhelm	701/539
*	C	US-2002/0173333 A1	11-2002	Buchholz et al.	455/527
*	D	US-2003/0069734 A1	04-2003	Everhart, Charles Allen	704/275
*	E	US-2003/0212562 A1	11-2003	Patel et al.	704/275
*	F	US-2004/0010358 A1	01-2004	Oesterling et al.	701/49
*	G	US-6,707,421 B1	03-2004	Drury et al.	342/357.31
*	H	US-6,721,633 B2	04-2004	Funk et al.	701/1
*	I	US-6,726,636 B2	04-2004	Der Ghazarian et al.	600/532
*	J	US-6,915,126 B2	07-2005	Mazzara, Jr., William E.	455/411
*	K	US-6,928,614 B1	08-2005	Everhart, Charles Allen	715/728
*	L	US-6,963,759 B1	11-2005	Gerson, Ira A.	455/563
*	M	US-7,003,463 B1	02-2006	Maes et al.	704/270.1

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Notice of References Cited	Application/Control No. 12/705,311	Applicant(s)/Patent Under Reexamination KENNEWICK ET AL.	
	Examiner FARIBA SIRJANI	Art Unit 2659	Page 2 of 2

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-7,076,362 B2	07-2006	Ohtsuji et al.	701/443
*	B	US-7,171,291 B2	01-2007	Obradovich, Michael L.	701/29.4
*	C	US-7,548,491 B2	06-2009	Macfarlane, Jane F.	367/198
*	D	US-7,174,300	02-2007	Bush, Stephen Francis	704/275
*	E	US-6,598,018	07-2003	Junqua, Jean-Claude	704/251
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	G	US-			
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	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

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Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12705311	KENNEWICK ET AL.
	Examiner	**Art Unit**
	FARIBA SIRJANI	2659

CPC						
Symbol					**Type**	**Version**
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CPC Combination Sets							
Symbol					**Type**	**Set**	**Ranking**	**Version**
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/FARIBA SIRJANI/ Examiner.Art Unit 2659	02/19/2014	**Total Claims Allowed:**	
(Assistant Examiner)	(Date)	36	
/PIERRE-LOUIS DESIR/ Supervisory Patent Examiner.Art Unit 2659	02/20/2014	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	Fig. 5	56

Google Exhibit 1019
Page 001485

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12705311	KENNEWICK ET AL.
	Examiner	**Art Unit**
	FARIBA SIRJANI	2659

US ORIGINAL CLASSIFICATION		INTERNATIONAL CLASSIFICATION											
CLASS	SUBCLASS	CLAIMED					NON-CLAIMED						
704	270	G	1	0	L	21 / 00 (2013.01.01)							

CROSS REFERENCE(S)					
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)				
704	275	270.1			
455	527	517			
701	539				

/FARIBA SIRJANI/ Examiner.Art Unit 2659	02/19/2014	**Total Claims Allowed:**	
(Assistant Examiner)	(Date)	36	
/PIERRE-LOUIS DESIR/ Supervisory Patent Examiner.Art Unit 2659	02/20/2014	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	Fig. 5	56

Google Exhibit 1019
Page 001486

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12705311	KENNEWICK ET AL.
	Examiner	**Art Unit**
	FARIBA SIRJANI	2659

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
1	56	17	98	33	119										
2	57	18	71	34	120										
3	58	19	72	35	121										
4	59	20	73	36	122										
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6	62	22	76												
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8	64	24	78												
9	65	25	79												
10	66	26	80												
11	67	27	81												
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13	69	29	83												
14	70	30	84												
15	88	31	85												
16	89	32	118												

/FARIBA SIRJANI/ Examiner.Art Unit 2659 (Assistant Examiner)	02/19/2014 (Date)	**Total Claims Allowed:** 36	
/PIERRE-LOUIS DESIR/ Supervisory Patent Examiner.Art Unit 2659 (Primary Examiner)	02/20/2014 (Date)	O.G. Print Claim(s) Fig. 5	O.G. Print Figure 56

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2758	704/270.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/05 13:25
S2	35	Kennewick.in. near robert	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/05 13:25
S3	5	Kennewick.in. near michael	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/05 13:25
S4	17	Kennewick.in. near richard	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/05 13:26
S5	91	locke.in. near david	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/05 13:26
S6	19	freeman.in. near tom	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/05 13:26
S7	12	elston.in. near stephen	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/05 13:26
S8	1	S2 and S3 and S4 and S5 and S6 and S7	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/05 13:26
S9	2	"7693720".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/05 13:27
S10	9	("7693720").URPN.	USPAT	OR	ON	2011/11/05 13:27
S11	9	("7693720").URPN.	USPAT	OR	ON	2011/11/05 13:27
S12	187	("20010041980" | "20020049805" | "20020065568" | "20020082911" | "20020120609" | "20020124050" | "20020143535" | "20020188602" | "20020198714" | "20030014261" | "20030112267" | "20030182132" | "20040025115" | "20040044516" | "20040166832" | "20040199375" | "20050021334" | "20050021826" |	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/05 13:27

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S15	3	"6615172".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 06:00
S16	117	"s196" and pars$4	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 06:02
S17	82	"s196" and pars$4 and (GPS telematics navigat$4)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 06:03
S18	2	"7693720".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 06:08
S19	1	S18 and pars$4 and (GPS telematics navigat$4)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 06:08
S20	23	"10/452147"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 06:25
S21	2	"20100145700".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 07:12
S22	2	"7693720".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 09:13
S23	2	"6937977".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 09:41
S24	4263	telematics.ti,abst,bsum,clm.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:49
S25	140	telematics.ti,abst,bsum,clm. and "704".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:49
S26	1732	telematics.ti,abst,bsum,clm. and (command query)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:50
S27	102	telematics.ti,abst,bsum,clm. and (command query) and "704".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:50
S28	28	telematics.ti,abst,bsum,clm. and (command query) and "704".clas. and safety	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:51

S29	71	telematics.ti,abst,bsum,clm. and (command query) and "704".clas. and (safety hazard$4 emergency panic)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:52
S30	72	telematics.ti,abst,bsum,clm. and (command query warn$4) and "704".clas. and (safety hazard$4 emergency panic)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:53
S31	73	telematics.ti,abst,bsum,clm. and (command query warn$4) and "704".clas. and (safety hazard$4 emergency panic accident)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:53
S32	76	telematics.ti,abst,bsum,clm. and (command query warn$4 sensor) and "704".clas. and (safety hazard$4 emergency panic accident)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:54
S33	77	telematics.ti,abst,bsum,clm. and (command query warn$4 sensor) and "704".clas. and (safety hazard$4 emergency panic accident travel)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:54
S34	6	telematics.ti,abst,bsum,clm. and (command query warn$4 sensor) and "704".clas. and (safety hazard$4 emergency panic accident travel) and ((dialogue interactive convers$4) near5 (history record))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:55
S35	71	telematics.ti,abst,bsum,clm. and (command query warn$4 sensor) and "704".clas. and (safety hazard$4 emergency panic accident travel) not kennewick	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:56
S36	71	telematics.ti,abst,bsum,clm. and (command query warn$4 sensor) and "704".clas. and (safety hazard$4 emergency panic accident travel) not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 10:56
S37	134	telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 11:18
S38	63	telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not S36	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 11:19
S39	52	telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not S36 not rhoads.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 11:19
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S41	105	telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not rhoads.in. and ay>="2002"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 12:16
S42	105	telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not rhoads.in. and fy>="2002"	US-PGPUB; USPAT;	OR	ON	2011/11/07 12:17

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S43	105	telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not rhoads.in. and fy<="2002"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 12:17
S44	105	fy<="2002" and telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not rhoads.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 12:17
S45	7	@py<="2002" and telematics.ti,abst,bsum,clm. and "704".clas. not kennewick.in. not rhoads.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 12:32
S46	275	@py<="2002" and telematics.ti,abst,bsum,clm. not kennewick.in. not rhoads.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/07 14:15
S47	2	09/918,360	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 08:37
S48	275	@py<="2002" and telematics.ti,abst,bsum,clm. not kennewick.in. not rhoads.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 09:20
S49	16	S48 and ((speech voice) near3 (recogni$4)) and mobile	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 09:20
S50	10	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and (telematic$4 onstar on-star) and @py<="2007"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 09:51
S51	846	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and @py<="2007"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 09:51
S52	39	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and (telematic$4 onstar on-star)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 09:51
S53	10	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and (telematic$4 onstar on-star) and @py<="2007"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 13:46
S54	39	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and (telematic$4 onstar on-star)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 13:46
S55	29	S54 not S53	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 13:46
S56	839	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and @py<="2007" not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 13:49

S57	541	(car navig$4 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and @py<="2005" not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 13:49
S58	608	(car navig$5 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and @py<="2005" not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 14:15
S59	596	(car navig$5 vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and @py<="2005" not kennewick.in. not parry.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 14:22
S60	534	(car navigation navigator vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and @py<="2005" not kennewick.in. not parry.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 14:36
S61	118	(car navigation navigator vehicle gps) and ((speech voice) near3 (recogni$4)) and (NLU (natural near3 language)) and (pars$4) and @py<="2005" not kennewick.in. not parry.in. and (mobile near3 device)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 14:42
S62	2	"7275049".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/08 14:59
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S64	15	("7275049").URPN.	USPAT	OR	ON	2011/11/08 14:59
S65	10	("20030204492" | "20040162724" | "20040193420" | "5003506" | "5799276" | "6173251" | "6327343" | "6510417" | "6901364" | "7103563").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/08 14:59
S66	10	("20030204492" | "20040162724" | "20040193420" | "5003506" | "5799276" | "6173251" | "6327343" | "6510417" | "6901364" | "7103563").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/08 14:59
S67	25	S64 or S65	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/08 14:59
S68	15	("7275049").URPN.	USPAT	OR	ON	2011/11/09 08:57
S69	10	("20030204492" | "20040162724" | "20040193420" | "5003506" | "5799276" | "6173251" | "6327343" | "6510417" | "6901364" | "7103563").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/09 08:57
S70	24	S68 or S69 not kennewick.in.	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/09 08:57
S71	3	"6901364".pn.	US-PGPUB;	OR	ON	2011/11/09 14:16

			USPAT; DERWENT			
S72	3	"6910003".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/09 14:21
S73	41	(US-20020188392-$ or US-20020175647-$ or US-20020173889-$ or US-20020164973-$ or US-20020151297-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040205671-$ or US-20040199375-$ or US-20040168119-$ or US-20030204492-$).did. or (US-7219063-$ or US-6968311-$ or US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6970935-$ or US-6910003-$ or US-6885734-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-6901364-$ or US-6173251-$).did.	US-PGPUB; USPAT	OR	ON	2011/11/10 07:29
S74	17	S73 and ((multiple several many) near3 (user input entry dialog))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 07:30
S75	12	S73 and ((multiple several many) near3 (user input entry dialog)) and pars$4	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 07:58
S76	2	"6185535".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 09:50
S77	0	704/275.clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 10:27
S78	2577	704/275.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 10:28
S79	1168	704/275.ccls. and @py<="2005"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 10:28
S80	813	704/275.ccls. and @py<="2005"	USPAT	OR	ON	2011/11/10 10:28
S81	5	704/275.ccls. and @py<="2005" and (telematic telematics)	USPAT	OR	ON	2011/11/10 10:28
S82	10	704/275.ccls. and @py<="2005" and	US-	OR	ON	2011/11/10

		(telematic telematics)	PGPUB; USPAT; DERWENT			12:36
S83	2	704/275.ccls. and (telematic telematics) and (manual near3 override)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 12:37
S84	11	704/275.ccls. and (manual near3 override)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 12:37
S85	9	704/275.ccls. and (manual near3 override) not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 12:38
S86	818	704/275.ccls. and (interactive) not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 12:53
S87	316	704/275.ccls. and (interactive) and (car vehicle auto$4) not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 12:54
S88	163	704/275.ccls. and (interactive) and (car vehicle auto$4).ti,abst,bsum,clm. not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 13:48
S89	2	"6185535".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:22
S90	2	"6980092".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:24
S91	2	"20020151297".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:27
S92	2	"6466232".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:33
S93	2	"6108532".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:33
S94	2	"6718187".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:34
S95	2	"6546257".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:35
S96	2	"6405106".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:35

S97	2	"6389278".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/10 14:37
S98	2	"20010023397".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 07:16
S99	2	"20060122834".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 07:18
S100	2	"5797116".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 07:38
S101	5	"7302383".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 07:44
S102	5	("20010011217" | "20020165862" | "20030125955" | "6615172" | "6904428").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/11/11 07:45
S103	6	("7302383").URPN.	USPAT	OR	ON	2011/11/11 08:14
S104	614	calcar	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:14
S105	147	calcar and (car vehicle automobile)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:15
S106	130	calcar and (car vehicle automobile) not polymer	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:15
S107	130	calcar and (car vehicle automobile) not polymer not calcar.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:33
S108	119	calcar and (car vehicle automobile) not polymer and obradovich.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:33
S109	142	(car vehicle automobile) not polymer and obradovich.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:33
S110	178	obradovich.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:33
S111	135	obradovich.in. near michael	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:34

S112	39	obradovich.in. near michael and accident	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 08:34
S113	100	(obradovich.in. near michael) and (hazard$4 danger$4 accident$4)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 10:18
S114	49	(obradovich.in. near michael) and ((hazard$4 danger$4 accident$4) near3 condition)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 10:19
S115	1	(obradovich.in. near michael) and ((danger$4 accident$4) near3 condition)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 10:34
S116	10	"7,902,969".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 10:51
S117	10	"7902969".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 10:51
S118	10	"7902969".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 10:51
S119	39	obradovich.in. near michael and accident	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 15:43
S120	480134	obradovich.in. near michael and (panic emergency crime)]	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 18:25
S121	125	obradovich.in. near michael and (panic emergency crime)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 18:25
S122	44	obradovich.in. near michael and (panic crime)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 18:26
S123	29	obradovich.in. near michael and (panic crime) not (crime adj area)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 18:26
S124	27	obradovich.in. near michael and (panic crime) not (crime adj (rate area))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/11 18:27
S125	9	obradovich.in. near michael and ((interactive near5 guidance) (negotiat$4))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 07:03
S126	0	obradovich.in. near michael and ((interactive near5 guidance) (negotiat$4)) not (negotiat$4 adj3	US-PGPUB; USPAT;	OR	ON	2011/11/12 07:04

		corner)	DERWENT			
S127	0	obradovich.in. near michael and (interactive near5 guidance)	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 07:04
S128	20	obradovich.in. near michael and onstar	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 07:04
S129	9	obradovich.in. near michael and ((call$4 communicat$4) with (other nearby) with (car vehicle automobile))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 09:10
S130	2290	((call$4 communicat$4) with (other nearby) with (car vehicle automobile))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 09:12
S131	872	((call$4 communicat$4) with (other nearby) with (car vehicle automobile)) and @py<="2005"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 09:12
S132	467	((call$4 communicat$4) with (other nearby) with (car vehicle automobile)) and @py<="2002"	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 09:12
S133	75	((call$4 communicat$4) with (other nearby) with (car vehicle automobile)) and @py<="2002" and accident	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 10:12
S134	88	(US-20020188392-$ or US-20020175647-$ or US-20020173889-$ or US-20020164973-$ or US-20020151297-$ or US-20020140545-$ or US-20020140215-$ or US-20020120374-$ or US-20020115436-$ or US-20020091706-$ or US-20020091486-$ or US-20020086680-$ or US-20020075168-$ or US-20020069312-$ or US-20020069071-$ or US-20020044065-$ or US-20020032510-$ or US-20080033770-$ or US-20050262065-$ or US-20050256889-$ or US-20040230494-$ or US-20040215449-$ or US-20040205671-$ or US-20040199375-$ or US-20040168119-$ or US-20030204492-$).did. or (US-20100312566-$ or US-20090313026-$ or US-20090216540-$ or US-20060190269-$ or US-20050257174-$ or US-20040215464-$ or US-20030083884-$ or US-20040193426-$ or US-20020022927-$).did. or (US-7219063-$ or US-6968311-$ or US-6501387-$ or US-RE39942-$ or US-6981040-$ or US-6977992-$ or US-6976053-$ or US-6970935-$ or US-6910003-$ or US-6885734-$ or US-6801604-$ or US-6792082-$ or US-6745161-$ or US-6901364-$ or US-6173251-$ or US-6839670-$ or US-	US-PGPUB; USPAT	OR	ON	2011/11/12 11:54

		7406421-$ or US-7920682-$ or US-7801731-$ or US-7769143-$ or US-7426467-$ or US-6411934-$ or US-5812977-$ or US-4797924-$ or US-6108532-$ or US-6405106-$).did. or (US-7902969-$ or US-7802198-$ or US-7748021-$ or US-7741959-$ or US-7739039-$ or US-7702455-$ or US-7656310-$ or US-7650234-$ or US-7593812-$ or US-7561065-$ or US-7535344-$ or US-7522992-$ or US-7499778-$ or US-7461561-$ or US-7475057-$ or US-7417531-$ or US-7409221-$ or US-7343165-$ or US-7319848-$ or US-7251789-$ or US-6282464-$ or US-6577928-$ or US-7171291-$ or US-6754485-$ or US-6405132-$ or US-6401036-$ or US-6370475-$).did.				
S135	2	S134 and wolfe	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 11:54
S136	2	"6877001".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/12 11:57
S137	7	(fuzzy prior aprior) near3 (probability possibility)with (history near6 dialog speech) with dictionary	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 06:18
S138	2	(fuzzy prior aprior) near3 (probability possibility)with (history near6 dialog speech) with dictionary not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 06:18
S139	26	(fuzzy prior aprior) near3 (probability possibility) with dictionary not kennewick.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 06:19
S140	2	(fuzzy prior aprior) near3 (probability possibility) and glushnev.in.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 06:40
S141	22	(fuzzy prior aprior) near3 (probability possibility) and 704/10.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 06:41
S142	25506	((multiple several many) near4 (user speaker)) and ((voice speech) near5 (recogni$4))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 07:32
S143	4513	((multiple several many) near4 (user speaker dialog)) and ((voice speech) near5 (recogni$4)) and "704".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 07:32
S144	48	((multiple several many) near4 (user speaker dialog)) and ((voice speech) near5 (recogni$4)) and "704".clas. and ((overlap$4 simultaneous$4) near4 (dialog))	US-PGPUB; USPAT; DERWENT	OR	ON	2011/11/14 07:33