Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14/035,806	Björsell et al.
	Examiner	Art Unit
	M MOSTAZIR RAHMAN	2411

CLAIM		DATE								
Final	Original	11/25/2015	10/16/2016	08/21/2017	08/03/2018	08/13/2019				
	95	✓	✓	✓	✓	✓				
	96	✓	✓	✓	✓	✓				
	97	✓	✓	✓	✓	✓				
	98	✓	✓	✓	✓	✓				
	99	✓	✓	✓	✓	✓				
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	105	✓	✓	✓	✓	✓				
	106	✓	✓	✓	✓	✓				
	107	✓	✓	✓	✓	✓				
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	110	✓	✓	✓	✓	✓				
	111	✓	✓	✓	✓	✓				
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	138				✓	✓				
	139				✓	✓				
	140				✓	✓				
	141				✓	✓				

PTO/SB/08 Equivalent

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	14/035,806
	Filing Date	September 24, 2013
	First Named Inventor	Björsell, Johan Emil Viktor
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	Rahman, M. Mostazir
SHEET 1 OF 1	Attorney Docket No.	DIGIF.004C1

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number *Number - Kind Code (if known)* Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document *Country Code-Number-Kind Code* Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T[1]

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	*Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.*	T[1]
	1	**COMPLAINT FOR PATENT INFRINGEMENT**, UNITED STATES DISTRICT COURT, DISTRICT OF NEVADA, *CASE NO.: 2:16-cv-2338*, VOIP-PAL.COM, INC., a Nevada corporation, Plaintiff v. TWITTER, INC., a California corporation, Defendant, Filed 10/06/16, 8 pages.	
	2	**CIVIL DOCKET** FOR CASE #: 2:16-cv-02338-RFB-CWH, United States District Court, District of Nevada (Las Vegas), Voip-Pal.com, Inc. v. Twitter, Inc., Date Filed: 10-06-2016, 2 pages.	
	3	**TABLE OF EXHIBITS**, *Case 2:16-cv-02338-RFB-CWH, Filed 10/06/16*, 1 page.	
	4	**EXHIBIT A**, *Case 2:16-cv-02338-RFB-CWH, Filed 10/06/16*, U.S. Patent 8,542,815 B2, Issued September 24, 2013, to Clay Perrault et al., 60 pages.	
	5	**EXHIBIT B**, *Case 2:16-cv-02338-RFB-CWH, Filed 10/06/16*, U.S. Patent 9,179,005 B2, Issued November 3, 2015, to Clay Perrault et al., 63 pages.	
	6	**EXHIBIT C**, *Case 2:16-cv-02338-RFB-CWH, Filed 10/06/16*, Letter dated December 18, 2015 giving notice of U.S. Patents 8,542,815 B2; 9,179,005 B2; *and* related Patents listed in Attachment A, 4 pages.	
	7	**EXHIBIT D**, *Case 2:16-cv-02338-RFB-CWH, Filed 10/06/16*, ASSERTED CLAIMS AND INFRINGEMENT CONDITIONS, UNITED STATES DISTRICT COURT, DISTRICT OF NEVADA, VOIP-PAL.COM, INC., a Nevada corporation, Plaintiff v. TWITTER, INC., a California corporation, Defendants, 6 pages	
	8	**Chart 1 to Exhibit D**, *Case 2:16-cv-02338-RFB-CWH, Filed 10/06/16*, CHART 1, ASSERTED CLAIMS AND INFRINGEMENT CONDITIONS CONCERNING U.S. PATENT NO. 8,542,815, UNITED STATES DISTRICT COURT, DISTRICT OF NEVADA, VOIP-PAL.COM, INC., a Nevada corporation, Plaintiff v. TWITTER, INC., a California corporation, Defendants, 20 pages	
	9	**Chart 2 to Exhibit D**, *Case 2:16-cv-02338-RFB-CWH, Filed 10/06/16*, CHART 2, ASSERTED CLAIMS AND INFRINGEMENT CONDITIONS CONCERNING U.S. PATENT NO. 9,179,005, UNITED STATES DISTRICT COURT, DISTRICT OF NEVADA, VOIP-PAL.COM, INC., a Nevada corporation, Plaintiff v. TWITTER, INC., a California corporation, Defendants, 28 pages	
	10	**EXHIBIT E**, *Case 2:16-cv-02338-RFB-CWH, Filed 10/06/16*, VPLM ACTIVE U.S. PATENT MATTERS AS OF OCTOBER 1, 2016, 2 pages.	
	11	**EXHIBIT F**, *Case 2:16-cv-02338-RFB-CWH, Filed 10/06/16*, TWITTER ROYALTY MONETIZATION ANALYSIS OVERVIEW, 4 pages.	

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Examiner Signature	/M Mostazir Rahman/	Date Considered	06/10/2019

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /M.R./

T[1] - Place a check mark in this area when an English language Translation is attached.

PTO/SB/08 Equivalent

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	14/035,806
	Filing Date	September 24, 2013
	First Named Inventor	Björsell, Johan Emil Viktor
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	Rahman, M. Mostazir
SHEET 1 OF 1	Attorney Docket No.	DIGIF.004C1

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number *Number - Kind Code (if known)* Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document *Country Code-Number-Kind Code* Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T[1]

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[1]
	1	PATENT OWNER'S PRELIMINARY RESPONSE, *Case No. IPR2016-01082, U.S. Patent 8,542,815*, UNIFIED PATENTS INC., Petitioner, v. VOIP-PAL.COM INC., Patent Owner, Filing Date: 08/26/2016, 80 pages.	
	2	Voip-Pal.com, Inc. EXHIBIT 2001, Comparison of portions of Petition with portions of Declaration, *IPR2016-01082, Unified Patents v. Voip-Pal*, Filing Date: 08/26/2016, 9 pages.	
	3	PATENT OWNER'S PRELIMINARY RESPONSE TO PETITION FOR *INTER PARTES* REVIEW, *Case No. IPR2016-01201, U.S. Patent 8,542,815*, APPLE INC., Petitioner, v. VOIP-PAL.COM INC., Patent Owner, Filing Date: 09/19/2016, 74 pages.	
	4	Voip-Pal.com, Inc. EXHIBIT 2001, Comparison of Petition (Ground 1) with Petition (Ground 2), *IPR2016-01201, Apple v. Voip-Pal*, Filing Date: 09/19/2016, 19 pages.	
	5	PATENT OWNER'S PRELIMINARY RESPONSE TO PETITION FOR *INTER PARTES* REVIEW, *Case No. IPR2016-01198, U.S. Patent 9,179,005*, APPLE INC., Petitioner, v. VOIP-PAL.COM INC., Patent Owner, Filing Date: 09/21/2016, 74 pages.	
	6	Voip-Pal.com, Inc. EXHIBIT 2001, Comparison of Petition (Ground 1) with Petition (Ground 2), *IPR2016-01198, Apple v. Voip-Pal*, Filing Date: 09/21/2016, 21 pages.	

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Examiner Signature	/M Mostazir Rahman/	Date Considered	06/10/2019

***Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /M.R./

[1] - Place a check mark in this area when an English language Translation is attached.

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	(US-20080056235-$ or US-20070286170-$ or US-20070230423-$).did.	US-PGPUB	OR	ON	2019/08/15 01:45
L2	3	L1 and (server$4 and (data voice video) and (sms short$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/15 01:45
L3	2	L2 and (IP NEAR5 address)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/15 01:45
L4	2	L2 and (IP NEAR5 address) AND (router$4 gateway$4 switch$4 network near2 (equipment device element))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/15 01:46
L5	48	("20060093135" | "20040022237" | "7055174" | "20060153342" | "20060258328" | "6724860" | "20070112964" | "7046658" | "20030200311" | "8116307" | "6151385" | "6597686" | "6744858" | "20060072550" | "20050025043" | "6963557" | "20040240439").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/15 01:47
L6	34	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$ or US-20140016635-$ or US-20090017842-$ or US-20060109960-$ or US-20080255944-$ or US-20060077983-$ or US-20080261560-$ or US-20030087648-$).did. or (US-20060043164-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-	US-PGPUB; USPAT; DERWENT	OR	ON	2019/08/15 01:47

		2010012090-$).did.				
L7	27	(L5 L6) and (IP NEAR5 address) AND (router$4 gateway$4 switch$4 network near2 (equipment device element))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/15 01:47
L8	27	(L5 L6) and (IP NEAR5 address) AND (router$4 gateway$4 switch$4 network near2 (equipment device element)) and (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/15 01:48
L9	25	(L5 L6) and (IP NEAR5 address) SAME2 (router$4 gateway$4 switch$4 network near2 (equipment device element)) and (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/15 01:48
L10	8	(L5 L6) and ((second another different alternativ$4 third fourth "2nd" "3rd") WITH IP NEAR5 address) SAME2 (router$4 gateway$4 switch$4 network near2 (equipment device element)) and (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/15 01:49
L11	1	"36462815".FMID.	US-PGPUB; USPAT; FPRS	OR	ON	2019/08/15 01:55
L12	24	(L5 L6) and (IP NEAR5 address) SAME2 (router$4 gateway$4 switch$4 network near2 (equipment device element) and (location$4 gps)) and (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/15 02:01
L13	24	(L5 L6) and (IP NEAR5 address) SAME2 (router$4 gateway$4 switch$4 network near2 (equipment device element) SAME3 (location$4 gps)) and (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/15 02:01
L14	24	(L5 L6) and (IP NEAR5 address) SAME3 (router$4 gateway$4 switch$4 network near2 (equipment device element) SAME3 (location$4 gps)) and (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/15 02:01
L15	20	(L5 L6) and (IP NEAR5 address) SAME (router$4 gateway$4 switch$4 network near2 (equipment device element) SAME (location$4 gps)) and (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/15 02:02
S1	2	"13056277"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/25 16:48
S2	34	("20060093135" | "20040022237" | "7055174" | "20060153342" |	US-PGPUB; USPAT;	OR	ON	2013/02/25 18:09

		"20060258328" | "6724860" | "20070112964" | "7046658" | "20030200311" | "8116307" | "6151385" | "6597686" | "6744858" | "20060072550" | "20050025043" | "6963557" | "20040240439").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S3	2	"13056277"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/13 16:03
S4	34	("20060093135" | "20040022237" | "7055174" | "20060153342" | "20060258328" | "6724860" | "20070112964" | "7046658" | "20030200311" | "8116307" | "6151385" | "6597686" | "6744858" | "20060072550" | "20050025043" | "6963557" | "20040240439").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/13 16:03
S5	34	("20060093135" | "20040022237" | "7055174" | "20060153342" | "20060258328" | "6724860" | "20070112964" | "7046658" | "20030200311" | "8116307" | "6151385" | "6597686" | "6744858" | "20060072550" | "20050025043" | "6963557" | "20040240439").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/13 16:03
S6	4	((JOHAN) near2 (BJORSELL)).INV.	US-PGPUB; USPAT	OR	ON	2013/03/13 16:16
S7	3	((MAKSYM) near2 (SOBOLYEV)).INV.	US-PGPUB; USPAT	OR	ON	2013/03/13 16:16
S8	2	((PENTTI) near2 (HUTTUNEN)).INV.	US-PGPUB; USPAT	OR	ON	2013/03/13 16:17
S10	5	(digifonica).as.	US-PGPUB; USPAT	OR	ON	2013/03/13 16:21
S11	5	S6 or S7 or S8 or S10	US-PGPUB; USPAT	OR	ON	2013/03/13 16:21
S12	288340	(370/310-338,395.$.ccls. "379".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2013/03/13 16:29
S13	1195	((caller 'calling party')same (callee 'called party') same access same code same request same call$4)	US-PGPUB; USPAT	OR	ON	2013/03/13 16:33
S14	701	S12 and ((caller 'calling party')same (callee 'called party') same access same code same request same call$4)	US-PGPUB; USPAT	OR	ON	2013/03/13 16:33
S15	40	S12 and ((caller 'calling party')same (callee 'called party') same access same code same request same call$4 same server same rout$5)	US-PGPUB; USPAT	OR	ON	2013/03/13 16:34
S16	23	S12 and ((caller 'calling party')same (callee 'called party') same access same code same request same call$4 same server same rout$5 same (channel or (ID identifier identificat$5)))	US-PGPUB; USPAT	OR	ON	2013/03/13 16:36
S18	2	us-20070112964-$.did. us-	US-PGPUB;	OR	ON	2013/03/13

		20040022237-$.did.	USPAT			16:49
S19	4	us-20070112964-$.did. us-20040022237-$.did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/13 16:49
S20	245256	(370/310-338,395.$.ccls. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2013/03/13 16:52
S21	1	S20 and ((access adj code) same (channel adj (identifier ID identification) same request))	US-PGPUB; USPAT	OR	ON	2013/03/13 16:53
S22	366030	("370".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2013/03/13 16:54
S24	354	S22 and ((access adj code) same (channel ID identification) same request)	US-PGPUB; USPAT	OR	ON	2013/03/13 16:55
S25	8	S22 and ((access adj code) same (channel with (ID identification)) same request)	US-PGPUB; USPAT	OR	ON	2013/03/13 16:56
S26	10	S22 and ((access adj2 code) same caller same callee)	US-PGPUB; USPAT	OR	ON	2013/03/13 16:59
S27	58	S22 and ((phone caller callee 'calling party') same server same router same (initiat$4 or setup or sett$4)same channel)	US-PGPUB; USPAT	OR	ON	2013/03/13 17:05
S28	10	S22 and ((phone caller callee "calling party" "called party" "called terminal" "calling party") same server same rout$5 same (call near5 (initiat$4 or setup)) same channel same request same (ID identif$7))	US-PGPUB; USPAT	OR	ON	2013/03/13 17:19
S29	257	S22 and (caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5)	US-PGPUB; USPAT	OR	ON	2013/03/13 17:27
S30	72	S22 and (caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5) same access$5	US-PGPUB; USPAT	OR	ON	2013/03/13 17:28
S31	11	(US-20070281705-$ or US-20130028251-$ or US-20090252159-$ or US-20080049732-$ or US-20070121590-$ or US-20040042607-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$).did. or (US-7068684-$ or US-6963635-$).did.	US-PGPUB; USPAT	OR	ON	2013/03/13 19:13
S32	9	S31 and ((caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5))	US-PGPUB; USPAT	OR	ON	2013/03/13 19:13
S33	3	S31 and ((caller callee "calling party" "called party" "called terminal" "calling	US-PGPUB; USPAT	OR	ON	2013/03/13 19:16

		party") same (call$3 near server) same (router gateway rout$3 adj control$5) and processor and interface and identification)				
S34	7	S31 and ((caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5) and channel and (initiat$5 setup) and (identi$7 ID))	US-PGPUB; USPAT	OR	ON	2013/03/13 19:18
S35	7	S31 and ((caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5) and channel and (initiat$5 setup) and (identi$7 ID) and voice and (location local$3 geograph$5 area) and number)	US-PGPUB; USPAT	OR	ON	2013/03/13 19:21
S36	2	S31 and ((caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5) and channel and (initiat$5 setup) and (identi$7 ID) and voice and (location local$3 geograph$5 area) and number and expir$5)	US-PGPUB; USPAT	OR	ON	2013/03/13 19:22
S37	2	S31 and ((caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5) and channel and (initiat$5 setup) and (identi$7 ID) and voice and (location local$3 geograph$5 area) and number and expir$5 and (access adj code))	US-PGPUB; USPAT	OR	ON	2013/03/13 19:54
S39	3	"7079526".pn. us-20030114145-$.did. "6016319".pn.	US-PGPUB; USPAT	OR	ON	2013/03/14 11:27
S40	409041	("370".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:17
S43	21100	S40 and (initiat$4 adj3 call)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:21
S44	128	S40 and ((initiat$4 adj2 call) same (access adj2 code))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:22
S45	101	S40 and ((initiat$4 adj2 call) same (access adj2 code) and (channel ID))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:23

S46	38	S40 and ((initiat$4 adj2 call) same (access adj2 code) and (channel ID) and ((voice data) adj2 network))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:23
S47	33	S40 and ((initiat$4 adj2 call) same (access adj2 code) and (channel ID) and ((non$voice data) adj2 network$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:25
S48	11	S40 and ((initiat$4 adj2 call) same (access adj2 code) and (channel ID) and ((non$voice data) adj2 network$5) and (indentifier ID indentification))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:26
S49	35	("2006/0189337").URPN.	USPAT	OR	ON	2013/03/15 11:34
S50	5	S46 not S47	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:46
S51	63	S45 not S46	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:47
S52	409041	("370".clas. "709".clas. "455".clas.) and (@ad < "20080728" @rlad < "20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:52
S53	0	S52 and ((initiat$4 adj2 call) same (access adj2 code) same (data adj2 network$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:52
S54	213	S52 and ((initiat$4 with call) same (access adj5 code) and (data with network$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:53
S55	159	S52 and ((initiat$4 with call) same (access adj5 code) and (data with network$5) and (wirless mobile handfree))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:54
S56	22	S52 and ((initiat$4 with call) same (access adj5 code) and (data with network$5) and (wirless mobile handfree) adj5 (IP or (internet adj2	US-PGPUB; USPAT; FPRS; EPO; JPO;	OR	ON	2013/03/15 11:54

		protocol)))	DERWENT; IBM_TDB			
S57	20	S52 and ((initiat$4 with call) same (access adj5 code) and (data adj5 network$5) and (wirless mobile handfree) adj5 (IP or (internet adj2 protocol)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:55
S58	17	(US-20070281705-$ or US-20130028251-$ or US-20090252159-$ or US-20080049732-$ or US-20070121590-$ or US-20040042607-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2013/03/15 12:01
S62	17	S58 and (server)	US-PGPUB; USPAT; DERWENT	OR	ON	2013/03/15 12:02
S63	11	S58 and (server and client)	US-PGPUB; USPAT; DERWENT	OR	ON	2013/03/15 12:03
S64	181	S52 and (channel same (ID indentifier indentification) same request same server same (router rout$5 gateway adj control$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:32
S65	27	S52 and (channel same (ID indentifier indentification) same request same (call$5 near5 server) same (router rout$5 gateway adj control$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:33
S67	154	S64 not S65	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:34
S68	32	S52 and (channel same (ID indentifier indentification) same request same (call$5 near5 server) same (router rout$5 gateway))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:34
S69	2	S52 and (channel same (ID indentifier indentification) same request same (call$5 near5 server) same (router rout$5 gateway) and (wireless adj2 ip adj4 network$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:35
S72	2	S52 and (channel same (ID indentifier indentification) same request same (call$5 near5 server) same (router rout$5 gateway) AND (wireless adj2 ip	US-PGPUB; USPAT; FPRS; EPO; JPO;	OR	ON	2013/03/15 12:36

		adj4 network$5))	DERWENT; IBM_TDB			
S73	5	S52 and (channel same (ID indentifier indentification) same request same (call$5 near5 server) same (router rout$5 gateway) AND (wireless with (ip or (internet adj2 protocol))))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:46
S74	12	S52 and (channel same (ID indentifier indentification) same request same (call$5 near5 server) same (router rout$5 gateway) AND ((wireless mobile) with (ip or (internet adj2 protocol))))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:48
S76	7	S74 not S73	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:49
S77	432569	("370".clas. "709".clas. "455".clas. "725".clas.) and (@ad < "20080728" @rlad < "20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 13:10
S79	2	S77 and (channel same (ID indentifier indentification) same request same (call$5 near5 server) same (router rout$5 gateway) AND (wireless adj5 IP))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 13:11
S82	0	S79 and (POOL)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:32
S83	0	S79 and (indenfi$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:33
S84	2	S79 and (identifi$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:33
S85	2	S79 and (identifi$5 and access)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:33
S86	0	S79 and (identifi$5 with access)	US-PGPUB; USPAT; FPRS; EPO; JPO;	OR	ON	2013/03/15 15:33

			DERWENT; IBM_TDB			
S87	2	S79 and (identifi$5 and access and number)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:33
S88	2	S79 and (identifi$5 and access and number and associat$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:34
S89	2	S79 and (identifi$5 and access and number and associat$5 and select$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:34
S90	900	S52 and (pool database) with (access adj code phone adj number) with (associat$3 respective)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:57
S91	0	S52 and (pool database) with (access adj code) with (phone adj number) with (associat$3 respective) same (wireless IP)\	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:57
S92	0	S52 and (pool database) with (access adj code) with (phone adj number) with (associat$3 respective) and (wireless IP)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:58
S93	820	S52 and (pool database) with (access adj code phone adj number) with (associat$3 respective) and (wireless IP)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:58
S94	181	S52 and (pool database) with (access adj code phone adj number) with (associat$3 respective) same (wireless IP)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:58
S95	8	S52 and (pool database) with (access adj code phone adj number) with (associat$3 respective) same (wireless with IP)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:59
S98	20	(US-20070281705-$ or US-20130028251-$ or US-20090252159-$ or US-20080049732-$ or US-20070121590-$ or US-20040042607-$	US-PGPUB; USPAT; DERWENT	OR	ON	2013/03/15 16:13

		or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$).did. or (WO-2010012090-$).did.				
S99	11	S98 and (local with number)	US-PGPUB; USPAT; DERWENT	OR	ON	2013/03/15 16:17
S100	9	S98 and (local near7 number)	US-PGPUB; USPAT; DERWENT	OR	ON	2013/03/15 16:19
S101	7	S98 and (local near4 number)	US-PGPUB; USPAT; DERWENT	OR	ON	2013/03/15 16:19
S102	3	(US-20040022237-$ or US-20080056235-$).did. or (US-6674745-$).did.	US-PGPUB; USPAT	OR	ON	2013/03/15 16:49
S103	3	S102 AND (ip adj2 address)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:49
S104	0	S102 AND (ip adj2 address with mobile)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:50
S105	2	S102 AND (ip adj2 address with (receiv$5 reception))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:50
S106	3	S102 AND (ip adj2 address with server)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:52
S107	0	S102 AND (ip adj2 address with server with receiv$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:53
S108	1	S102 AND (ip adj2 address with receiv$3 same server)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:53
S109	0	S102 AND ((ip adj address) with caller)	US-PGPUB; USPAT; FPRS;	OR	ON	2013/03/15 16:54

			EPO; JPO; DERWENT; IBM_TDB			
S110	2	S102 AND ((ip adj address) with call$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:54
S111	1	"12116756"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 14:43
S112	3	(US-20040022237-$ or US-20080056235-$).did. or (US-6674745-$).did.	US-PGPUB; USPAT	OR	ON	2013/03/16 15:36
S115	1	S112 AND (identif$5 same wireless)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 15:37
S116	3	S112 AND (identif$5 and (mobile wireless))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:09
S117	1	S112 AND (identif$5 with (mobile wireless))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:09
S118	2	S112 AND (identif$5 same (mobile wireless))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:09
S119	3	S112 AND (identi$6 and (mobile wireless) and config$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:11
S122	3	S112 AND (identi$6 and (mobile wireless) and config$5 and user)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:11
S123	3	S112 AND (identi$6 and (mobile wireless) and config$5 and user and location)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:12

S124	2	S112 AND (identi$6 same (mobile wireless) and config$5 and user and location)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:12
S126	1	S112 AND (identi$6 same (mobile wireless) and (config$5 same location) and user)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:13
S127	1	S112 AND (identi$6 same (mobile wireless) same location and (config$5 same user))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:17
S128	2	S112 AND (location same identi$6 same user)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:50
S129	3	S112 AND (local same number)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 17:08
S130	2	S112 AND (local near5 number)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 17:12
S131	3	S112 AND (IP adj2 network same rout$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 17:19
S136	3	S112 AND (call same channel)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 17:39
S137	1	S112 AND (call same channel same establ$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 17:39
S141	1	S112 AND (establ$5 same call same channel)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 17:41

S142	2	S112 AND (call$5 same identif$6 same access)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 18:31
S143	1	S112 AND (call$5 same identif$6 same access same code)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 18:31
S144	3	(US-20040022237-$ or US-20080056235-$).did. or (US-6674745-$).did.	US-PGPUB; USPAT	OR	ON	2013/03/18 19:29
S145	3	S144 and (telephone same number)	US-PGPUB; USPAT	OR	ON	2013/03/18 19:30
S146	2	S144 and ((number or code) with match$4)	US-PGPUB; USPAT	OR	ON	2013/03/18 19:31
S147	3	S144 and ((number or code or ID or identifier) with called)	US-PGPUB; USPAT	OR	ON	2013/03/18 19:37
S148	2	S144 and ((number or code or ID or identifier) with channel)	US-PGPUB; USPAT	OR	ON	2013/03/18 19:45
S149	1	S144 and ((number or code) same (ID or identifier) same channel)	US-PGPUB; USPAT	OR	ON	2013/03/18 19:46
S150	2	S144 and ((number or code or ID or identifier) same channel same (called dialed))	US-PGPUB; USPAT	OR	ON	2013/03/18 19:49
S151	2	S144 and (channel same (called dialed))	US-PGPUB; USPAT	OR	ON	2013/03/18 19:51
S152	3	S144 and (TTL expir$5 timestap)	US-PGPUB; USPAT	OR	ON	2013/03/18 19:56
S153	3	S144 and (TTL expir$5 timestamp)	US-PGPUB; USPAT	OR	ON	2013/03/18 19:56
S154	2	S144 and (data non$1voice) with (reply respon$4)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:09
S155	2	S144 and (data non$1voice) same (code numer ID identifier) same (reply respon$4)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:10
S156	3	S144 and (data non$1voice) same (code numer ID identifier)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:12
S157	3	S144 and (data non$1voice) same (code numer ID identifier) same2 (reply$3 respon$5)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:14
S158	3	S144 and (data non$1voice) same (code number ID identifier) same2 (reply$3 respon$5)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:14
S159	3	S144 and (data non$1voice) same (code number ID identifier) same (reply$3 respon$5)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:17
S160	1	S144 and code with (reply$3 respon$5)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:19
S161	3	S144 and (number ID identifier) with (reply$3 respon$5)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:21
S162	2	S144 and (access adj code)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:23

S163	0	S144 and (access adj code) same (reply reponse respond$3)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:23
S164	1	S144 and (access adj code) same2 (reply reponse respond$3)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:24
S165	1	S144 and code same query	US-PGPUB; USPAT	OR	ON	2013/03/18 20:26
S166	0	"L29" and (data with interface with access adj code with (reply response respond$3))	US-PGPUB; USPAT	OR	ON	2013/03/18 20:26
S167	366130	("370".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2013/03/18 20:27
S168	6	S167 and (data with interface with access adj code with (reply response respond$3))	US-PGPUB; USPAT	OR	ON	2013/03/18 20:27
S169	1	S167 and (access adj code) with expir$5 with (establish$4 ssetup)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:41
S170	3	S167 and (access adj code) with expir$5 with (establish$4 setup)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:41
S171	8	S167 and (access adj code) with expir$5 with call$3	US-PGPUB; USPAT	OR	ON	2013/03/18 20:43
S172	5	(US-20040022237-$ or US-20080056235-$ or US-20020122391-$).did. or (US-6674745-$ or US-5454030-$).did.	US-PGPUB; USPAT	OR	ON	2013/03/22 14:46
S173	3	S172 and (dial$3 with number)	US-PGPUB; USPAT	OR	ON	2013/03/22 15:52
S174	2	S172 and (called with number with request)	US-PGPUB; USPAT	OR	ON	2013/03/22 15:58
S175	1	S172 and (calling with number with request)	US-PGPUB; USPAT	OR	ON	2013/03/22 16:00
S176	1	S172 and (calling with request)	US-PGPUB; USPAT	OR	ON	2013/03/22 16:01
S178	2	S172 and (request with access)	US-PGPUB; USPAT	OR	ON	2013/03/22 16:03
S179	4	S172 and (access near code)	US-PGPUB; USPAT	OR	ON	2013/03/22 16:04
S180	1	S172 and (access with soft)	US-PGPUB; USPAT	OR	ON	2013/03/22 16:06
S181	1	S172 and (access same soft same (caller calling))	US-PGPUB; USPAT	OR	ON	2013/03/22 16:08
S182	1	S172 and (access same request$3 same (caller calling))	US-PGPUB; USPAT	OR	ON	2013/03/22 16:09
S185	1	S172 and (reply with request$3)	US-PGPUB; USPAT	OR	ON	2013/03/22 16:15
S186	5	S172 and (reply response)	US-PGPUB; USPAT	OR	ON	2013/03/22 16:16
S187	4	S172 and ((reply response) with (code id identif$8))	US-PGPUB; USPAT	OR	ON	2013/03/22 16:19
S188	4	S172 and ((calling caller) with (code id identif$8))	US-PGPUB; USPAT	OR	ON	2013/03/22 16:21
S189	3	S172 and ((calling caller) with (reply$3 respon$5))	US-PGPUB; USPAT	OR	ON	2013/03/22 16:23
S190	1	S172 and ((calling caller) same called same (initial$5 code access))	US-PGPUB; USPAT	OR	ON	2013/03/22 16:24

S191	4	S172 and ((reply response) with (code id identif$8) with (reply$3 respon$5))	US-PGPUB; USPAT	OR	ON	2013/03/22 16:38
S193	5	(US-20040022237-$ or US-20080056235-$ or US-20020122391-$).did. or (US-6674745-$ or US-5454030-$).did.	US-PGPUB; USPAT	OR	ON	2013/03/23 12:05
S194	3	S193 and (ip adj2 address)	US-PGPUB; USPAT	OR	ON	2013/03/23 12:06
S195	0	S193 and (ip adj2 address with mobile)	US-PGPUB; USPAT	OR	ON	2013/03/23 12:07
S196	1	S193 and (ip adj2 address same mobile)	US-PGPUB; USPAT	OR	ON	2013/03/23 12:07
S197	3	S193 and (ip adj2 address)	US-PGPUB; USPAT	OR	ON	2013/03/23 12:08
S198	3	S193 and (ip adj1 address)	US-PGPUB; USPAT	OR	ON	2013/03/23 12:17
S199	1	S193 and (mobile same routed)	US-PGPUB; USPAT	OR	ON	2013/03/23 13:17
S200	2	S193 and (mobile same rout$4)	US-PGPUB; USPAT	OR	ON	2013/03/23 13:18
S201	2	US-20070112964-$.did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/25 12:44
S202	2	"5519769".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/25 12:55
S203	5	"13056277"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/11/09 13:30
S204	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/11/09 13:30
S205	68	("20020116464" | "20040255126" | "20060072547" | "20060093135" | "20060153342" | "20080056302" | "20120099599" | "20120227101" | "5469497" | "5608786" | "5712907" | "5838682" | "5905736" | "5930343" | "5991291" | "6005926" | "20120170574" | "20040203582" | "20050287979" | "20070047548" | "20080167019" | "20080167020" | "20080187122" | "20100177671" | "20110201321" | "6993015" | "7400881" | "7573982" | "7738384" | "8041022" | "8189568" | "8437340" | "8462915" | "8605714" | "8750290" |	US-PGPUB; USPAT	OR	OFF	2015/11/09 14:04

		"7587036" | "20140349602" | "8111690" | "8713098" | "20090213839" | "20100083364" | "20100115018" | "20110208859" | "20110276903" | "20110276904" | "20110292929" | "20120089717" | "20130329722" | "20140016764" | "8078164" | "8396445" | "8634838" | "8903051" | "8909556" | "8938534" | "20050222952" | "6636833" | "7447707" | "7676431" | "7765261" | "8161078" | "8627211" | "20020122391" | "20060160565" | "20060177035" | "20060209768" | "20080037715" | "5146491").pn.				
S206	7	((Pentti) near2 (Huttunen)).INV.	US-PGPUB; USPAT	OR	OFF	2015/11/09 14:08
S208	4	((Emil) near2 (Malak)).INV.	US-PGPUB; USPAT	OR	OFF	2015/11/09 14:08
S209	19	((bjorsell) near2 (johan)).INV.	US-PGPUB; USPAT	OR	OFF	2015/11/09 14:09
S210	21	(digifonica).as.	US-PGPUB; USPAT	OR	ON	2015/11/09 14:09
S211	9	((Maksym) near2 (Sobolyev)).INV.	US-PGPUB; USPAT	OR	OFF	2015/11/09 14:10
S212	25	S206 S208 S209 S210 S211	US-PGPUB; USPAT	OR	OFF	2015/11/09 14:10
S213	267985	(370/310-338,395.$.ccls. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2015/11/09 14:12
S214	9728	S213 and ((location$4 GPS) AND (ID identificat$4)).clm.	US-PGPUB; USPAT	OR	ON	2015/11/09 14:12
S215	1	S212 and ((location$4 GPS) AND (ID identificat$4)).clm.	US-PGPUB; USPAT	OR	ON	2015/11/09 14:12
S216	3	S212 and ((location$4 GPS) AND (ID identificat$4 key flag$4 number digit)).clm.	US-PGPUB; USPAT	OR	ON	2015/11/09 14:13
S217	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/11/09 14:14
S218	22	(US-20070281705-$ or US-20130028251-$ or US-20090252159-$ or US-20080049732-$ or US-20070121590-$ or US-20040042607-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/09 15:24
S219	20	(US-20070281705-$ or US-	US-PGPUB;	OR	OFF	2015/11/09

		20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	USPAT; DERWENT			16:15
S220	22	(US-20070281705-$ or US-20090252159-$ or US-20130028251-$ or US-20040042607-$ or US-20080049732-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/09 16:15
S221	21	S220 and (locat$4 GPS)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:15
S222	17	S220 and (locat$4 GPS) AND (ID identificat$4 key$4 flag$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:16
S223	13	S220 and (locat$4 GPS) SAME (ID identificat$4 key$4 flag$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:16
S224	13	S220 and (locat$4 GPS) SAME (ID identificat$4 key$4 flag$4) AND (mobile wireless cellular portable)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:16
S225	10	S220 and (locat$4 GPS) SAME (ID identificat$4 key$4 flag$4) SAME (mobile wireless cellular portable)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:16
S226	10	S220 and (locat$4 GPS) SAME (ID identificat$4 key$4 flag$4) SAME (mobile wireless cellular portable) AND (server$4 router$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT;	OR	OFF	2015/11/09 16:17

			IBM_TDB			
S227	9	S220 and (locat$4 GPS) SAME (ID identificat$4 key$4 flag$4) SAME (mobile wireless cellular portable) SAME (server$4 router$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:17
S228	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:28
S230	4816	H04W8/02.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2015/11/09 16:29
S231	5819	H04W76/025.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:31
S233	5844	H04W76/021.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:32
S235	27	S230 AND (plac$3 WITH VOIP same call$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:33
S236	56	(S230 S231 S233) AND (plac$3 WITH VOIP same call$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 17:19
S237	48	(S230 S231 S233) AND (plac$3 SAME (wireless mobile cellular) WITH VOIP same call$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 17:20
S238	63	(S230 S231 S233) AND (plac$3 SAME (wireless mobile cellular) SAME (voice adj2 over adj2 internet VOIP) same call$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 17:20
S239	2	(US-20040022237-$ or US-20080056235-$).did.	US-PGPUB	OR	OFF	2015/11/09 17:34
S240	28	(S230 S231 S233) AND (plac$3 SAME (wireless mobile cellular) SAME (voice adj2 over adj2 internet VOIP) same call$3 AND (SMS short adj2 messag$4 adj2 serv$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT;	OR	OFF	2015/11/09 17:35

			IBM_TDB			
S241	4816	H04W8/02.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2015/11/09 19:23
S242	5819	H04W76/025.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:23
S243	5844	H04W76/021.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:23
S244	976	(S241 S242 S243) AND (SMS short adj2 messag$4 adj2 servic$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:23
S245	397	(S241 S242 S243) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) AND (SMS short adj2 messag$4 adj2 servic$3))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:24
S246	259	(S241 S242 S243) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) AND (SMS short adj2 messag$4 adj2 servic$3) AND server and controller)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:25
S247	29	(S241 S242 S243) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) AND (SMS short adj2 messag$4 adj2 servic$3) AND server and controller and (location adj2 ID location adj2 identif$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:26
S248	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:35
S249	1	S248 and (receiv$$ SAME user SAME identifier SAME destination)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:36
S250	1	S248 and (receiv$$ SAME user SAME identifier)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:36
S251	20	(US-20070281705-$ or US-	US-PGPUB;	OR	OFF	2015/11/29

		20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	USPAT; DERWENT			22:07
S252	252985	((H04L29/06027 OR H04L29/06 OR H04L29/1216 OR H04L61/157 OR H04L65/1069 OR H04L12/4608 OR H04L12/66 OR H04L29/12122 OR H04L61/1547 OR H04L65/1026 OR H04L65/103 OR H04L65/1036 OR H04L65/104 OR H04L67/14 OR H04L69/329 OR H04L12/1813 OR H04L12/5695 OR H04L12/6418 OR H04L2012/5626 OR H04L2012/563 OR H04L2012/5645 OR H04L2012/5667 OR H04L2012/5668 OR H04L2012/6472 OR H04L29/12094 OR H04L29/12584 OR H04L29/12896 OR H04L29/12933 OR H04L47/724 OR H04L47/803 OR H04L47/805 OR H04L61/1529 OR H04L61/2015 OR H04L61/2596 OR H04L61/605 OR H04L61/6068 OR H04L63/061 OR H04L63/0823 OR H04L63/126 OR H04L63/164 OR H04L65/1003 OR H04L65/1006 OR H04L65/1009 OR H04L65/1013 OR H04L65/1043 OR H04L65/1046 OR H04L65/1083 OR H04L65/1096 OR H04L65/4007 OR H04L65/403 OR H04L65/604 OR H04L65/605 OR H04L67/02 OR H04L67/04 OR H04L67/24 OR H04L67/34 OR H04L67/40 OR H04L69/08 OR H04M15/00 OR H04M7/006 OR H04M7/009 OR H04M11/066 OR H04M15/06 OR H04M15/08 OR H04M15/41 OR H04M15/43 OR H04M15/48 OR H04M15/56 OR H04M15/63 OR H04M15/68 OR H04M15/745 OR H04M15/8292 OR H04M1/2473 OR H04M1/2535 OR H04M2203/2022 OR H04M2203/4536 OR H04M2207/12 OR H04M2207/18 OR H04M2207/20 OR H04M2215/0108 OR H04M2215/0156 OR H04M2215/0164 OR H04M2215/0168 OR H04M2215/0196 OR H04M2215/202 OR H04M2215/62 OR H04M2215/68 OR H04M2242/14 OR H04M3/20 OR H04M3/42 OR H04M3/42008 OR H04M3/42042 OR H04M3/42068 OR H04M3/4228 OR H04M3/42314 OR H04M3/42348 OR H04M3/42365 OR H04M3/523 OR H04M3/53325 OR H04M3/545 OR H04M3/567 OR H04M7/00 OR	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/29 22:25

		H04M7/0021 OR H04M7/0057 OR H04M7/123 OR H04M7/1245 OR H04M7/125 OR H04M7/1255 OR H04M7/126 OR H04M7/128 OR H04M7/1285 OR H04Q3/0025 OR H04Q3/0045 OR H04Q11/0478 OR H04Q2213/13098 OR H04Q2213/1324 OR H04Q2213/13288 OR G06Q20/3674 OR H04H60/43 OR H04H60/51 OR H04H60/91 OR H04N21/2665 OR H04N21/4126 OR H04N21/42203 OR H04N21/6581 OR H04N21/6582 OR H04N7/17318 OR H04W28/16 OR H04W4/06 OR H04W4/10 OR H04W4/22 OR H04W60/04 OR H04W76/005 OR H04W76/007 OR H04W76/02 OR H04W76/021 OR H04W76/025 OR H04W80/00 OR H04W80/04 OR H04W84/005 OR H04W88/08 OR H04W8/02 OR H04W8/085 OR Y10S379/90).CPC.)				
S253	1	"14035806"	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/29 22:26
S254	6639	((H04W76/021 OR H04W76/025 OR H04W8/02).CPC.)	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/29 22:45
S255	268033	(370/310-338,395.$.ccls. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2015/11/29 23:32
S256	4832	H04W8/02.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2015/11/29 23:32
S257	5881	H04W76/025.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/29 23:32
S258	5933	H04W76/021.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/29 23:32
S259	29	(S256 S257 S258) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) AND (SMS short adj2 messag$4 adj2 servic$3) AND server and controller and (location adj2 ID location adj2 identif$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/29 23:32
S260	265	(S254 S255) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) AND (SMS short adj2 messag$4 adj2 servic$3) AND server and controller and (location adj2 ID location adj2 identif$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/29 23:33
S261	95	(S254 S255) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) SAME	US-PGPUB; USPAT;	OR	OFF	2015/11/29 23:33

		(SMS short adj2 messag$4 adj2 servic$3) AND server and controller and (location adj2 ID location adj2 identif$5))	FPRS; EPO; JPO; DERWENT; IBM_TDB			
S262	25	(S254 S255) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) SAME (SMS short adj2 messag$4 adj2 servic$3) AND server SAME (location adj2 ID location adj2 identif$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/29 23:33
S263	4	(S254 S255) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) SAME (SMS short adj2 messag$4 adj2 servic$3) SAME server SAME (location adj2 ID location adj2 identif$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/29 23:34
S264	6575	(reply with mobile) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2015/11/30 00:57
S265	2208	(reply with mobile same server) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2015/11/30 00:57
S266	168	(reply with mobile same server same sms) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2015/11/30 00:57
S267	35	(reply with mobile same server same sms same gateway) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2015/11/30 00:58
S268	25	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/30 02:11
S269	12	S268 and SMS	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 02:11
S270	12	S268 and (SMS same server$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 02:12
S271	1	S268 and (SMS same server$3 same locat$4 NEAR5 (ID address identificat$4))	US-PGPUB; USPAT; FPRS; EPO; JPO;	OR	OFF	2015/11/30 02:12

			DERWENT; IBM_TDB			
S272	25	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/30 09:34
S273	12	S272 and (SMS same server$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 09:34
S274	5	S272 and (SMS same server$3 SAME (location GPS))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 09:38
S275	5	"20080101370"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 09:42
S276	26	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/30 09:47
S277	6	S276 and (SMS SAME server SAME (location GPS))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 09:47
S278	8	S276 and (SMS SAME server SAME3 (location GPS))	US-PGPUB; USPAT;	OR	OFF	2015/11/30 10:08

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S279	17	S276 and ((ID identification key flag address) SAME (location GPS))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 11:00
S280	15	S276 and ((ID identification key flag address) SAME (location GPS) SAME server)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 11:01
S281	11	S276 and ((transmit$4 send$4) SAME (ID identification key flag address) SAME (location GPS) SAME server)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 11:03
S282	3	S276 and ((transmit$4 send$4) SAME (ID identification key flag address) WITH (location GPS) WITH server)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 11:11
S283	2	(US-20080160953-$ or US-20080056235-$).did.	US-PGPUB	OR	OFF	2015/11/30 12:07
S284	2	S283 and (SMS SAME server)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 12:07
S285	2	S283 and (location SAME channel)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 12:25
S286	1	"14035806"	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/30 12:59
S287	0	S283 and (poll)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:04
S288	1	S283 and (poll multiple)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:05
S289	2	S283 and (local and call)	US-PGPUB; USPAT; FPRS;	OR	OFF	2015/11/30 14:07

			EPO; JPO; DERWENT; IBM_TDB			
S290	2	S283 and (local SAME call)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:07
S291	2	S283 and (IP SAME address)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:09
S292	0	S283 and (time with out)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:20
S293	0	S283 and (expired)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:21
S294	1	S283 and (expired out)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:21
S295	26	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2016/01/02 22:35
S296	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	OFF	2016/01/02 22:36
S297	0	S296 and (destinat$$ adj2 (ID key flag identificat$4) and (location adj2 ID) and channel$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/02 22:37
S298	0	S296 and (destinat$$ SAME (ID key flag identificat$4) SAME (location adj2 ID) and channel$4)	US-PGPUB; USPAT; FPRS;	OR	OFF	2016/01/02 22:37

			EPO; JPO; DERWENT; IBM_TDB			
S299	1	S296 and (destinat$$ SAME (ID key flag identificat$4) SAME channel$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/02 22:38
S300	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	OFF	2016/01/03 18:45
S301	1	S300 and (destinat$$ SAME (ID key flag identificat$4) SAME channel$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/03 18:45
S302	26	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2016/01/06 12:00
S303	2	"13710282"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/06 17:24
S304	1	S303 and (similar SAME power$4 same sav$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/06 17:25
S305	1	S303 and (similar NEAR10 power$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/06 18:18
S306	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	OFF	2016/01/06 21:55
S307	26	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-	US-PGPUB; USPAT; DERWENT	OR	OFF	2016/01/07 14:24

		20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.				
S308	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	OFF	2016/01/07 14:24
S309	1	"14035806"	US-PGPUB; USPAT	OR	OFF	2016/01/07 15:02
S310	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	OFF	2016/01/07 15:03
S311	26	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2016/01/07 15:03
S312	1	S310 and ((channel$4 tunnel$4 frequenc$4) WITH (ID identificat$4 key flag))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/07 15:04
S313	2	S310 and ((channel$4 tunnel$4 frequenc$4) SAME (ID identificat$4 key flag))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/07 15:04
S314	1	S310 and ((channel$4 tunnel$4 frequenc$4) NEAR10 (ID identificat$4 key flag))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/07 15:35
S315	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	OFF	2016/01/07 15:35
S316	1	S315 and (destinat$$ SAME (ID key flag identificat$4) SAME channel$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/07 15:35
S317	2	S315 and (channel)	US-PGPUB;	OR	OFF	2016/01/07

			USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB			16:18
S319	2	S315 and (channel and location)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/07 18:15
S320	5569	H04W8/02.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2016/10/17 13:25
S321	8486	H04W76/025.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/10/17 13:25
S322	8300	H04W76/021.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/10/17 13:25
S323	46	(S320 S321 S322) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) AND (SMS short adj2 messag$4 adj2 servic$3) AND server and controller and (location adj2 ID location adj2 identif$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/10/17 13:25
S324	8	((Pentti) near2 (Huttunen)).INV.	US-PGPUB; USPAT	OR	OFF	2016/10/17 13:25
S325	4	((Emil) near2 (Malak)).INV.	US-PGPUB; USPAT	OR	OFF	2016/10/17 13:25
S326	22	((bjorsell) near2 (johan)).INV.	US-PGPUB; USPAT	OR	OFF	2016/10/17 13:25
S327	21	(digifonica).as.	US-PGPUB; USPAT	OR	ON	2016/10/17 13:25
S328	10	((Maksym) near2 (Sobolyev)).INV.	US-PGPUB; USPAT	OR	OFF	2016/10/17 13:25
S329	29	S324 S325 S326 S327 S328	US-PGPUB; USPAT	OR	OFF	2016/10/17 13:25
S330	1	S329 and ((location$4 GPS) AND (ID identificat$4)).clm.	US-PGPUB; USPAT	OR	ON	2016/10/17 13:25
S331	313876	(370/310-338,395.$.ccls. "379".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2016/10/17 13:26
S332	28	S331 and ((caller 'calling party')same (callee 'called party') same access same code same request same call$4 same server same rout$5 same (channel or (ID identifier identificat$5)))	US-PGPUB; USPAT	OR	ON	2016/10/17 13:26
S333	268664	(370/310-338,395.$.ccls. "709".clas. "455".clas.) and (@ad <"20080728"	US-PGPUB; USPAT	OR	ON	2016/10/17 13:26

		@rlad <"20080728")				
S334	1	S333 and ((access adj code) same (channel adj (identifier ID identification) same request))	US-PGPUB; USPAT	OR	ON	2016/10/17 13:26
S335	506306	("370".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/10/17 13:26
S336	12	S335 and ((initiat$4 adj2 call) same (access adj2 code) and (channel ID) and ((non$voice data) adj2 network$5) and (indentifier ID indentification))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/10/17 13:26
S337	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	ON	2016/10/17 13:55
S338	2	S337 and (database list table log) WITH (locat$4 GPS)	US-PGPUB	OR	ON	2016/10/17 14:12
S339	2	S337 and (database list table log) WITH (locat$4 GPS) AND (IP internet adj2 protocol)	US-PGPUB	OR	ON	2016/10/17 14:19
S340	0	S337 and (database list table log) WITH (locat$4 GPS) WITH (IP internet adj2 protocol)	US-PGPUB	OR	ON	2016/10/17 14:19
S341	2	S337 and (database list table log) WITH (locat$4 GPS) SAME (IP internet adj2 protocol)	US-PGPUB	OR	ON	2016/10/17 14:19
S342	2	S337 and (database list table log) WITH (locat$4 GPS) SAME (IP internet adj2 protocol) and location	US-PGPUB	OR	ON	2016/10/17 14:45
S343	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2016/11/15 14:32
S344	26	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2016/11/15 15:00
S345	6	cn adj2 "102307082"	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2016/11/15 15:52
S346	1	"14035806"	US-PGPUB; USPAT;	OR	ON	2016/11/15 16:54

			FPRS; EPO; JPO			
S347	1	(US-20080056235-$).did.	US-PGPUB	OR	ON	2016/11/15 19:52
S348	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	ON	2016/11/15 19:53
S349	2	S348 AND (locat$5 GPS) WITH (ID key identification flag$4)	US-PGPUB	OR	ON	2016/11/15 19:54
S350	2	S348 AND (locat$5 GPS) WITH (ID key identification flag$4) AND (ID key identification flag$4)	US-PGPUB	OR	ON	2016/11/15 19:55
S351	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	ON	2016/11/15 20:58
S352	2	S351 AND (locat$5 GPS) WITH (ID key identification flag$4) AND (ID key identification flag$4)	US-PGPUB	OR	ON	2016/11/15 20:58
S353	432	((Access NEAR5 server) AND (location$4 GPS) SAME (destinat$4 NEAR5 ID)) AND (@AD <"201080728")	US-PGPUB	OR	ON	2016/11/15 21:57
S354	752	((Access NEAR5 server) AND (location$4 GPS) SAME (destinat$4 NEAR5 ID)) AND (@AD <"201080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2016/11/15 21:58
S355	402	((Access NEAR5 server) AND (location$4 GPS) WITH (destinat$4 NEAR5 ID)) AND (@AD <"201080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2016/11/15 21:58
S356	11	((Access NEAR5 server) SAME (location$4 GPS) WITH (destinat$4 NEAR5 ID)) AND (@AD <"201080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2016/11/15 21:58
S357	97	((request$4 NEAR5 (messag$4 packet frame PDU data adj2 unit)) SAME (location$4 GPS) WITH (destinat$4 NEAR5 ID)) AND (@AD <"201080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2016/11/15 22:00
S358	19	((request$4 NEAR5 (messag$4 packet frame PDU data adj2 unit)) SAME (location$4 GPS) WITH (destinat$4 NEAR5 ID) SAME (server)) AND (@AD <"201080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2016/11/15 22:01
S359	43	((request$4 SAME (messag$4 packet frame PDU data adj2 unit)) SAME (location$4 GPS) SAME (destinat$4 NEAR5 ID) SAME (server) SAME (channel$4 path$4 rout$4)) AND (@AD <"201080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2016/11/15 22:42
S360	29	((JOHAN) near2 (BJORSELL)).INV.	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
S361	14	((MAKSYM) near2 (SOBOLYEV)).INV.	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
S362	8	((PENTTI) near2 (HUTTUNEN)).INV.	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
S363	21	(digifonica).as.	US-PGPUB;	OR	ON	2017/08/21

			USPAT			11:58
S364	34	S360 or S361 or S362 or S363	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
S365	313893	(370/310-338,395.$.ccls. "379".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
S366	27	S365 and ((caller 'calling party')same (callee 'called party') same access same code same request same call$4 same server same rout$5 same (channel or (ID identifier identificat$5)))	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
S367	268678	(370/310-338,395.$.ccls. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
S368	1	S367 and ((access adj code) same (channel adj (identifier ID identification) same request))	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
S369	45	((request$4 SAME (messag$4 packet frame PDU data adj2 unit)) SAME (location$4 GPS) SAME (destinat$4 NEAR5 ID) SAME (server) SAME (channel$4 path$4 rout$4)) AND (@AD <"201080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2017/08/21 11:59
S370	400075	("370".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2017/08/21 11:59
S371	8	S370 and ((access adj code) same (channel with (ID identification)) same request)	US-PGPUB; USPAT	OR	ON	2017/08/21 11:59
S372	8	((Pentti) near2 (Huttunen)).INV.	US-PGPUB; USPAT	OR	OFF	2017/08/21 11:59
S373	4	((Emil) near2 (Malak)).INV.	US-PGPUB; USPAT	OR	OFF	2017/08/21 11:59
S374	29	((bjorsell) near2 (johan)).INV.	US-PGPUB; USPAT	OR	OFF	2017/08/21 11:59
S375	21	(digifonica).as.	US-PGPUB; USPAT	OR	ON	2017/08/21 11:59
S376	14	((Maksym) near2 (Sobolyev)).INV.	US-PGPUB; USPAT	OR	OFF	2017/08/21 11:59
S377	36	S372 S373 S374 S375 S376	US-PGPUB; USPAT	OR	OFF	2017/08/21 11:59
S378	1	S377 and ((location$4 GPS) AND (ID identificat$4)).clm.	US-PGPUB; USPAT	OR	ON	2017/08/21 11:59
S379	528836	("370".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/08/21 12:00
S380	12	S379 and ((initiat$4 adj2 call) same (access adj2 code) and (channel ID) and ((non$voice data) adj2 network$5) and (indentifier ID indentification))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/08/21 12:00
S381	11	((Access NEAR5 server) SAME (	US-PGPUB;	OR	ON	2017/08/21

		location$4 GPS) WITH (destinat$4 NEAR5 ID)) AND (@AD <"201080728")	USPAT; FPRS; EPO; JPO; IBM_TDB			12:00
S382	13	("20020150080" | "20060195584" | "20070121590" | "20070121602" | "20170104868" | "20170111265" | "20170126752" | "20170142256" | "576852106" | "6947531" | "7477843" | "9537762" | "9549071" | "9565307").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:07
S383	4	("20030043974" | "20050069097" | "6434143" | "7774711").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:07
S384	1	("7174156").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:07
S385	24	("20020057764" | "20050007999" | "20060109960" | "20060233317" | "20070036139" | "20070064919" | "20090238168" | "20100002701" | "20150327320" | "20150358470" | "20160006882" | "20160028619" | "4747124" | "5742596" | "5991378" | "6603977" | "6961334" | "7042985" | "7218722" | "7366157" | "7486684" | "8036366" | "8594298" | "9179005").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:07
S386	24	("20020057764" | "20050007999" | "20060109960" | "20060233317" | "20070036139" | "20070064919" | "20090238168" | "20100002701" | "20150327320" | "20150358470" | "20160006882" | "20160028619" | "4747124" | "5742596" | "5991378" | "6603977" | "6961334" | "7042985" | "7218722" | "7366157" | "7486684" | "8036366" | "8594298" | "9179005").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:08
S387	43	("20050131813" | "20050171898" | "20050192897" | "20050192901" | "20050222952" | "20050267842" | "20060006224" | "20060036522" | "20060095320" | "20060116892" | "20060195398" | "20070016524" | "20140141884" | "5677955" | "5883810" | "6173272" | "6243689" | "6636833" | "6772188" | "6892184" | "7051072" | "7330835" | "7426492" | "7437665" | "7447707" | "7580886" | "7593884" | "7599944" | "7644037" | "7647500" | "7676431" | "7680737" | "7734544" | "7765261" | "7765266" | "7882011" | "7899742" | "8060887" | "8161078" | "8200575" | "8543477" | "8627211" | "8702505").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:08
S388	71	("20070053382" | "20090213839" | "20100083364" | "20100114896" | "20100115018" | "20100142382" | "20100220852" | "20100233991" | "20100278534" | "20100316195" | "20110072095" | "20110167164" | "20110208859" | "20110235543" | "20110273526" | "20110276903" |	US-PGPUB; USPAT	OR	ON	2017/08/21 13:09

		"20110276904" | "20110292929" | "20120089717" | "20120096145" | "20120155333" | "20120195236" | "20120259975" | "20120270554" | "20130039226" | "20130097308" | "20130128879" | "20130148549" | "20130173534" | "20130229950" | "20130287006" | "20130310002" | "20130318166" | "20130329722" | "20130329864" | "20140010119" | "20140016764" | "20140153477" | "20140215642" | "20140307858" | "20140321333" | "6327351" | "7203478" | "7958233" | "8078164" | "8127005" | "8166547" | "8190739" | "8223927" | "8300632" | "8315521" | "8396445" | "8526306" | "8599747" | "8599837" | "8634838" | "8774378" | "8819566" | "8848887" | "8862701" | "8885609" | "8903051" | "8903360" | "8909556" | "8938209" | "8938534" | "8948061" | "8972612" | "8982719" | "8995428" | "9003306").PN.				
S389	6	("20070217354" | "5917899" | "6005870" | "6597783" | "6873599" | "7010727").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:09
S390	54	("0000029" | "0000030" | "0000031" | "0000032" | "0000033" | "0000034" | "0000035" | "0000036" | "0000037" | "0000038" | "0000039" | "0000040" | "0000041" | "20010027478" | "20110255553" | "20110261717" | "20130223276" | "20130237198" | "20130254301" | "20130272297" | "20130281147" | "20140220944" | "20140227962" | "20140244393" | "20140247730" | "20140269624" | "20140324969" | "20140337961" | "20140349602" | "6937713" | "8111690" | "8219115" | "8228837" | "8243730" | "8275404" | "8364172" | "8410907" | "8417791" | "8423791" | "8468196" | "8493931" | "8532075" | "8682919" | "8713098" | "8749610" | "8767717" | "8774721" | "8780703" | "8792374" | "8792905" | "8805345" | "8810392" | "8837360" | "8838539").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:09
S391	7	("6445694" | "6574328" | "6785266" | "7486664" | "7512117" | "7587036" | "7764777").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:09
S392	141	("20010052081" | "20020002041" | "20020018445" | "20020141352" | "20030012196" | "20030095539" | "20030179747" | "20030219103" | "20040034793" | "20040203565" | "20040203582" | "20050063519" | "20050188081" | "20050190892" | "20050202799" | "20050287979" | "20060007940" | "20060013266" | "20060030290" | "20060078094" | "20060142011" | "20060146797" | "20060189303" | "20060205383" |	US-PGPUB; USPAT	OR	ON	2017/08/21 13:10

		"20060248186" | "20060251056" | "20060268921" | "20060281437" | "20070047548" | "20070092070" | "20070115935" | "20070121593" | "20070174469" | "20070220038" | "20070253429" | "20070263609" | "20070297376" | "20080013523" | "20080056243" | "20080166999" | "20080167019" | "20080167020" | "20080167039" | "20080187122" | "20080188198" | "20080188227" | "20080205378" | "20080310599" | "20090003535" | "20090129566" | "20090135724" | "20090214000" | "20090268615" | "20090296900" | "20100008345" | "20100039946" | "20100105379" | "20100177671" | "20100246589" | "20100272242" | "20110013541" | "20110153809" | "20110176541" | "20110201321" | "20110267986" | "20120014383" | "20120113981" | "20120195415" | "20120250624" | "20120282881" | "20120314699" | "20130272297" | "20140101749" | "20140211789" | "5325421" | "6553025" | "6560224" | "6650641" | "6775534" | "6934279" | "6963739" | "6985440" | "6993015" | "7006508" | "7027564" | "7068668" | "7151772" | "7177399" | "7277528" | "7400881" | "7436835" | "7440442" | "7486667" | "7567131" | "7573982" | "7593390" | "7639792" | "7657011" | "7664495" | "7676215" | "7680114" | "7702308" | "7715821" | "7738384" | "7764944" | "7797459" | "7894441" | "7907551" | "7929955" | "7944909" | "7965645" | "7979529" | "7995589" | "8024785" | "8027333" | "8041022" | "8050273" | "8125982" | "8145182" | "8166533" | "8189568" | "8204044" | "8228897" | "8244204" | "8306063" | "8363647" | "8427981" | "8437340" | "8462915" | "8509225" | "8605714" | "8605869" | "8607323" | "8611354" | "8625578" | "8724643" | "8750290" | "8763081" | "8768951" | "8774171" | "8804705").PN.				
S393	14	("20050198499" | "20100150138" | "20100150328" | "20100172345" | "20110122827" | "20120170574" | "5719926" | "5722067" | "5915093" | "6029062" | "6249573" | "7454200" | "8630234" | "8675566").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:10
S394	137	("20020051518" | "20020116464" | "20020122391" | "20030200311" | "20030219103" | "20040022237" | "20040157629" | "20040165709" | "20040181599" | "20040202295" | "20040240439" | "20040255126" | "20050025043" | "20050083911" | "20050094651" | "20050169248" | "20050174937" | "20050177843" | "20060072547" | "20060072550" |	US-PGPUB; USPAT	OR	ON	2017/08/21 13:11

		"20060093135" | "20060111116" | "20060153342" | "20060160565" | "20060177035" | "20060209768" | "20060258328" | "20060264200" | "20070036143" | "20070112964" | "20070127676" | "20070253418" | "20080037715" | "20080056235" | "20080056302" | "20080063153" | "20090028146" | "20090135735" | "20090141883" | "20090292539" | "20090325558" | "20100086119" | "20100128729" | "20120099599" | "20120227101" | "20130114589" | "4916491" | "4992971" | "5146491" | "5247571" | "5303297" | "5359642" | "5425085" | "5440621" | "5454030" | "5469497" | "5506893" | "5519769" | "5559871" | "5590133" | "5608786" | "5621787" | "5633913" | "5661790" | "5712907" | "5724355" | "5726984" | "5737414" | "5751961" | "5793762" | "5799072" | "5802502" | "5825863" | "5828740" | "5838682" | "5845267" | "5850433" | "5864610" | "5867495" | "5883891" | "5889774" | "5905736" | "5907547" | "5910946" | "5915005" | "5923659" | "5930343" | "5937045" | "5940598" | "5953504" | "5956391" | "5970477" | "5974043" | "5991291" | "6005926" | "6014379" | "6021126" | "6052445" | "6058300" | "6069890" | "6073013" | "6078647" | "6104704" | "6104711" | "6115737" | "6128304" | "6137869" | "6141404" | "6151385" | "6188752" | "6282574" | "6298062" | "6351464" | "6359880" | "6430275" | "6507644" | "6597686" | "6674745" | "6724860" | "6744858" | "6766159" | "6798767" | "6819929" | "6954453" | "6963557" | "7046658" | "7055174" | "7068772" | "7079526" | "7120682" | "7212522" | "7454510" | "7950046" | "8116307" | "8422507" | "8537805" | "8542815").PN.				
S395	513	S382 S383 S384 S385 S386 S387 S388 S389 S390 S391 S392 S393 S394	US-PGPUB; USPAT	OR	ON	2017/08/21 13:11
S396	21	S395 AND ((receiv$3 or accept$3 or obtain$3 or recover$3 or retriev$3 or acquir$3 or acquisition) SAME (respons$3 or respond$3 or react$3 or feed$3back$3 or (feed$3 adj3 back) or behaviour or behavior reply$3 return$3 acknowledgment$1 answer$1) SAME (server$4 webserver$4 gate$1way system$4 proxy$4 computer) SAME (location$4 GPS position$4 origin$4 region$4 site coordinat$4) NEAR5 (ID identification key flag$4 tagg$4 badge$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2017/08/21 13:45
S397	12	S395 AND ((receiv$3 or accept$3 or obtain$3 or recover$3 or retriev$3 or acquir$3 or acquisition) SAME	US-PGPUB; USPAT; FPRS;	OR	ON	2017/08/21 13:45

		(respons$3 or respond$3 or react$3 or feed$3back$3 or (feed$3 adj3 back) or behaviour or behavior reply$3 return$3 acknowledgment$1 answer$1) SAME (server$4 webserver$4 gate$1way system$4 proxy$4 computer) SAME (location$4 GPS position$4 origin$4 region$4 site coordinat$4) NEAR5 (ID identification key flag$4 tagg$4 badge$4)) AND (@AD <"20080728")	EPO; JPO; IBM_TDB			
S398	2	(US-20090017842-$ or US-20060109960-$).did.	US-PGPUB	OR	ON	2017/08/21 14:47
S399	2	S398 and (wifi wi$1fi wireless cellular)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/08/21 14:47
S401	11	"9179005"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/11/29 23:45
S402	2	(US-20090017842-$ or US-20060109960-$).did.	US-PGPUB	OR	ON	2017/11/30 01:18
S403	3	(US-20080056235-$ or US-20090017842-$ or US-20060109960-$).did.	US-PGPUB	OR	ON	2017/11/30 01:19
S404	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/11/30 01:40
S405	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/11/30 13:29
S406	3	(US-20080056235-$ or US-20090017842-$ or US-20060109960-$).did.	US-PGPUB	OR	ON	2017/11/30 14:49
S407	1	S406 and (connect$4 join$4 link$4 fasten$4 connector$4 hitch$4) AND (IP internet$4 adj2 protocol$4) NEAR5 address$4	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2017/11/30 14:58
S408	1	S406 and (connect$4 join$4 link$4 fasten$4 connector$4 hitch$4) AND (IP internet$4 adj2 protocol$4) WITH address$4	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2017/11/30 14:59
S409	3	(US-20080056235-$ or US-20090017842-$ or US-20060109960-$).did.	US-PGPUB	OR	ON	2017/11/30 16:04
S410	3	S409 and (connect$4 join$4 link$4 fasten$4 connector$4 hitch$4) WITH	US-PGPUB; USPAT;	OR	ON	2017/11/30 16:04

		(mobile user adj2 equipment UE mobile adj2 device)	FPRS; EPO; JPO; IBM_TDB			
S411	1	(US-20080056235-$).did.	US-PGPUB	OR	ON	2018/01/16 14:53
S412	29	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$ or US-20140016635-$ or US-20090017842-$ or US-20060109960-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2018/01/16 14:53
S413	0	S411 and (reply echo packet$4 frame$4 (data adj2 unit) ack acknowlegment$4 feeback$4 feed$1back$4 feed adj2 back$4) WITH (IP NEAR10 address$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/16 14:54
S414	0	S411 and (reply echo packet$4 frame$4 (data adj2 unit) ack acknowlegment$4 feeback$4 feed$1back$4 feed adj2 back$4 return$4 answer$4) WITH ((internet IP) NEAR10 address$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/16 14:56
S415	1	S411 and (reply echo packet$4 frame$4 (data adj2 unit) ack acknowlegment$4 feeback$4 feed$1back$4 feed adj2 back$4 return$4 answer$4) SAME ((internet IP) NEAR10 address$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/16 14:56
S416	11	S412 and (reply echo packet$4 frame$4 (data adj2 unit) ack acknowlegment$4 feeback$4 feed$1back$4 feed adj2 back$4 return$4 answer$4) SAME ((internet IP) NEAR10 address$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/16 15:33
S417	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/16 15:40
S418	29261	((H04W76/021 OR H04W76/025 OR H04W8/02).CPC.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/16 15:52
S419	56	S418 AND (IP NEAR5 address) WITH	US-PGPUB;	OR	ON	2018/01/16

		(location$4 gps$4 geographical$4) NEAR5 (ID identification$4 key$4 flag$4)	USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB			15:55
S420	9	S418 AND (IP NEAR5 address) WITH (location$4 gps$4 geographical$4) NEAR5 (ID identification$4 key$4 flag$4) AND (@AD <"20090728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/16 15:56
S421	15	S418 AND (IP NEAR5 address) WITH (location$4 gps$4 geographical$4) NEAR5 (ID identification$4 key$4 flag$4) AND ((@ad OR @pd OR @rlad OR @ prad OR @ptad) <"20090728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/16 15:56
S422	29	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$ or US-20140016635-$ or US-20090017842-$ or US-20060109960-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2018/01/24 19:29
S423	0	S422 and (replay$4 echo adj2 back$4) WITH(ip near5 address$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/24 19:30
S424	0	S422 and (replay$4 echo adj2 back$4) WITH (ip near5 address$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/24 19:30
S425	14	S422 and (ip near5 address$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/24 19:30
S426	5	S422 and (ip near5 address$4) and (SMS)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/24 19:39
S427	5	"13056277"	US-PGPUB;	OR	ON	2018/01/25

			USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB			13:28
S428	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/06/27 22:33
S429	268665	(370/310-338,395.$.ccls. "709".clas. "455".clas.) and (@ad < "20080728" @rlad < "20080728")	US-PGPUB; USPAT	OR	ON	2018/06/27 22:34
S430	1	S429 and ((access adj code) same (channel adj (identifier ID identification) same request))	US-PGPUB; USPAT	OR	ON	2018/06/27 22:34
S431	28075	((H04W76/11 OR H04W76/15 OR H04W8/02).CPC.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/06/27 22:34
S432	541465	("370".clas. "709".clas. "455".clas.) and (@ad < "20080728" @rlad < "20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/06/27 22:34
S433	12	S432 and ((initiat$4 adj2 call) same (access adj2 code) and (channel ID) and ((non$voice data) adj2 network$5) and (indentifier ID indentification))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/06/27 22:34
S434	400071	("370".clas. "709".clas. "455".clas.) and (@ad < "20080728" @rlad < "20080728")	US-PGPUB; USPAT	OR	ON	2018/06/27 22:34
S435	8	S434 and ((access adj code) same (channel with (ID identification)) same request)	US-PGPUB; USPAT	OR	ON	2018/06/27 22:34
S436	16903	((H04W76/021 OR H04W76/025 OR H04W8/02).CPC.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/06/27 22:35
S437	13	S436 AND (IP NEAR5 address) WITH (location$4 gps$4 geographical$4) NEAR5 (ID identification$4 key$4 flag$4) AND ((@ad OR @pd OR @rlad OR @ prad OR @ptad) < "20090728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/06/27 22:35
S438	7	S436 AND (IP NEAR5 address) WITH (location$4 gps$4 geographical$4) NEAR5 (ID identification$4 key$4 flag$4) AND (@AD < "20090728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/06/27 22:35
S439	13	S436 AND (IP NEAR5 address) WITH	US-PGPUB;	OR	ON	2018/06/27

		(location$4 gps$4 geographical$4) NEAR5 (ID identification$4 key$4 flag$4) AND ((@ad OR @pd OR @rlad OR @ prad OR @ptad) < "20090728")	USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB			22:35
S440	6917	H04W8/02.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2018/06/27 22:36
S441	4410	H04W76/025.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/06/27 22:36
S442	4889	H04W76/021.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/06/27 22:36
S443	44	(S440 S441 S442) AND (plac$3 SAME (wireless mobile cellular) SAME (voice adj2 over adj2 internet VOIP) same call$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/06/27 22:36
S444	0	((("BjÃ¶rsell") near3 ("Johan") near3 ("Emil") near3 ("Viktor"))).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2018/06/27 22:36
S445	15	((("Sobolyev") near3 ("Maksym"))).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2018/06/27 22:37
S446	8	((("Huttunen") near3 ("Pentti") near3 ("Kalevi"))).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2018/06/27 22:37
S447	4	((("Malak") near3 ("Emil"))).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2018/06/27 22:37
S448	8	((("VOIP-PAL.COM") near3 ("INC"))).AS,AANM.	USPAT	OR	OFF	2018/06/27 22:37
S449	14	(("VOIP-PAL.COM")).AS,AANM.	US-PGPUB; USPAT	OR	OFF	2018/06/27 22:38
S450	21	(digifonica).as.	US-PGPUB; USPAT	OR	ON	2018/06/27 22:38
S451	0	(S444 S445 S446 S447 S448 S449 S450) AND (IP NEAR2 addess$4 AND access ADJ2 code$3 AND (ID identification key location geographical) AND gateway).clm.	US-PGPUB; USPAT	OR	ON	2018/06/27 22:41
S452	29	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-	US-PGPUB; USPAT; DERWENT	OR	OFF	2018/06/27 23:10

		20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$ or US-20140016635-$ or US-20090017842-$ or US-20060109960-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.				
S453	13	S452 and (location$4 geographical$4) WITH (ID key$4 identificat$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/06/27 23:11
S454	6	S452 and (location$4 geographical$4) WITH (ID key$4 identificat$4) AND (access$4 NEAR5 code$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/06/27 23:11
S455	2	S452 and (location$4 geographical$4) WITH (ID key$4 identificat$4) AND (access$4 NEAR5 code$4) AND (IP near5 address$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/06/27 23:12
S456	1	14/035806.app.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/07 22:12
S457	29	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$ or US-20140016635-$ or US-20090017842-$ or US-20060109960-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2018/08/07 22:33
S458	7	S457 and ((location$4 gps station$4 office$4 site$4 place places position latitude$4 coordinat$4) WITH (destination$4 deliver$4 receiver$4) WITH (ID identificat$4 key flag$4 PIN code$4 tag$4 password$4)) AND (@AD <"201080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/07 22:37
S459	6	S457 and ((location$4 gps station$4 office$4 site$4 place places position	US-PGPUB; USPAT;	OR	ON	2018/08/07 22:38

		latitude$4 coordinat$4) WITH (destination$4 deliver$4 receiver$4) WITH (ID identificat$4 key flag$4 PIN code$4 tag$4 password$4)) AND (@AD <"20080728")	FPRS; EPO; JPO; DERWENT; IBM_TDB			
S460	6	S457 and ((location$4 gps station$4 office$4 site$4 place places position latitude$4 coordinat$4) WITH (destination$4 deliver$4 receiver$4) WITH (ID identificat$4 key flag$4 PIN code$4 tag$4 password$4) SAME (server$4 proxy$4 gatewary$4 computer$4 process$4 processor$4 fileserver$4 webserver$4 systerm$4 timeserver$4 cloud$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/07 22:40
S461	4	(US-20080056235-$ or US-20080160953-$ or US-20090017842-$ or US-20060109960-$).did.	US-PGPUB	OR	ON	2018/08/07 22:42
S462	0	S461 and ((desination$4 WITH connect$4 with channel$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/07 22:43
S463	0	S461 and ((desination$4 SAME connect$4 SAME channel$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/07 22:44
S464	0	S461 and ((desination$4 AND connect$4 SAME channel$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/07 22:44
S465	1	S461 and ((destination$4 AND connect$4 SAME channel$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/07 22:44
S466	23710	((location$4 gps station$4 office$4 site$4 place places position latitude$4 coordinat$4) WITH (destination$4 deliver$4 receiver$4) WITH (ID identificat$4 key flag$4 PIN code$4 tag$4 password$4) SAME (server$4 proxy$4 gatewary$4 computer$4 process$4 processor$4 fileserver$4 webserver$4 systerm$4 timeserver$4 cloud$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2018/08/07 22:55
S467	33	((request$4 packet$4 frame$4 data adj3 unit demand$4 query$4 seek$4) WITH (location$4 gps station$4 office$4 site$4 place places position latitude$4 coordinat$4) WITH (destination$4 deliver$4 receiver$4) WITH (ID identificat$4 key flag$4 PIN code$4 tag$4 password$4) WITH	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2018/08/07 22:57

		(server$4 proxy$4 gateway$4 computer$4 process$4 processor$4 fileserver$4 webserver$4 systerm$4 timeserver$4 cloud$4) WITH reply$4) AND (@AD <"20080728")				
S468	31	((request$4 packet$4 frame$4 data adj3 unit demand$4 query$4 seek$4) WITH (location$4 gps station$4 office$4 site$4 position latitude$4 coordinat$4) WITH (destination$4 deliver$4 receiver$4) WITH (ID identificat$4 key flag$4 PIN code$4 tag$4 password$4) WITH (server$4 proxy$4 gateway$4 computer$4 process$4 processor$4 fileserver$4 webserver$4 systerm$4 timeserver$4 cloud$4) WITH reply$4) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2018/08/07 23:09
S469	29	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$ or US-20140016635-$ or US-20090017842-$ or US-20060109960-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2018/08/08 11:58
S470	6	S469 and ((location$4 gps station$4 office$4 site$4 place places position latitude$4 coordinat$4) WITH (destination$4 deliver$4 receiver$4) WITH (ID identificat$4 key flag$4 PIN code$4 tag$4 password$4) SAME (server$4 proxy$4 gateway$4 computer$4 process$4 processor$4 fileserver$4 webserver$4 systerm$4 timeserver$4 cloud$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/08 11:58
S471	29	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$ or US-20140016635-$ or US-20090017842-$ or US-20060109960-$).did. or (US-	US-PGPUB; USPAT; DERWENT	OR	ON	2018/08/09 10:45

		7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.				
S472	6	S471 and ((location$4 gps station$4 office$4 site$4 place places position latitude$4 coordinat$4) WITH (destination$4 deliver$4 receiver$4) WITH (ID identificat$4 key flag$4 PIN code$4 tag$4 password$4) SAME (server$4 proxy$4 gatewary$4 computer$4 process$4 processor$4 fileserver$4 webserver$4 systerm$4 timeserver$4 cloud$4)) AND (@AD < "20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/09 10:45
S473	1	(US-20030114145-$).did.	US-PGPUB	OR	ON	2018/08/09 10:47
S478	1	S473 and (gps location$4 geograph$4) and server$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/09 10:49
S479	0	S473 and (gps location$4 geograph$4) and server$4 and reply$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/09 10:49
S480	1	S473 and (gps location$4 geograph$4) and server$4 and (reply$4 request$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/09 10:49
S481	2	(US-20080056235-$ or US-20030114145-$).did.	US-PGPUB	OR	ON	2018/08/13 15:27
S482	1	S481 and (reply$4 echo$4 feedback$4 ack acknowledg$4) SAME (location$4 gps geograph$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/13 15:32
S483	1	S481 and (reply$4 echo$4 feedback$4 ack acknowledg$4) AND (location$4 gps geograph$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/13 15:32
S484	1	S481 and (reply$4 echo$4 feedback$4 ack acknowledg$4) AND (location$4 gps geograph$6)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/13 15:33
S486	1	S481 AND (reply$4 echo$4 feedback$4 ack acknowledg$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT;	OR	ON	2018/08/13 15:35

			IBM_TDB			
S487	2	S481 AND (reply$4 echo$4 feedback$4 ack acknowledg$4 messag$4 packet$4 data adj2 unit$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/13 15:35
S488	2	(US-20080056235-$ or US-20030114145-$).did.	US-PGPUB	OR	ON	2018/12/18 12:05
S492	1	14/035806.app.	US-PGPUB	OR	ON	2018/12/18 12:22
S493	1	S488 and (wireless$4 and VOIP)	US-PGPUB	OR	ON	2018/12/18 12:23
S494	2	S488 and (wireless$4 and location$4)	US-PGPUB	OR	ON	2018/12/18 12:23
S495	2	S488 and (wireless$4 and (location$4 gps))	US-PGPUB	OR	ON	2018/12/18 12:23
S496	2	S488 and (wireless$4 and (location$4 gps) and (id identification key flag))	US-PGPUB	OR	ON	2018/12/18 12:23
S498	9	"41610774".FMID.	US-PGPUB; USPAT; FPRS	OR	ON	2019/06/10 02:55
S499	0	((("BjÃ¶rsell") near3 ("Johan") near3 ("Emil") near3 ("Viktor"))).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2019/06/10 03:00
S500	16	((("Sobolyev") near3 ("Maksym"))).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2019/06/10 03:00
S501	10	((("Huttunen") near3 ("Pentti") near3 ("Kalevi"))).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2019/06/10 03:00
S502	4	((("Malak") near3 ("Emil"))).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2019/06/10 03:00
S503	11	((("VOIP-PAL.COM") near3 ("INC"))).AS,AANM.	USPAT	OR	OFF	2019/06/10 03:00
S504	19	(("VOIP-PAL.COM")).AS,AANM.	US-PGPUB; USPAT	OR	OFF	2019/06/10 03:00
S505	21	(digifonica).as.	US-PGPUB; USPAT	OR	ON	2019/06/10 03:00
S506	0	(S499 S500 S501 S502 S503 S504 S505) AND (IP NEAR2 addess$4 AND access ADJ2 code$3 AND (ID identification key location geographical) AND gateway).clm.	US-PGPUB; USPAT	OR	ON	2019/06/10 03:00
S507	29	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$ or US-	US-PGPUB; USPAT; DERWENT	OR	OFF	2019/06/10 03:00

		20140016635-$ or US-20090017842-$ or US-20060109960-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.				
S508	2	S507 and (location$4 geographical$4) WITH (ID key$4 identificat$4) AND (access$4 NEAR5 code$4) AND (IP near5 address$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2019/06/10 03:00
S509	39324	((H04W76/11 OR H04W76/15 OR H04W8/02).CPC.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/06/10 03:00
S510	555	S509 and (location$4 geographical$4) WITH (ID key$4 identificat$4) AND (access$4 NEAR5 code$4) AND (IP near5 address$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2019/06/10 03:00
S511	0	S510 and (location$4 geographical$4) WITH (ID key$4 identificat$4) SAME (access$4 NEAR5 code$4) SAME (IP near5 address$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2019/06/10 03:01
S512	1	14/035806.app.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/06/10 13:48
S513	31	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$ or US-20140016635-$ or US-20090017842-$ or US-20060109960-$ or US-20080255944-$ or US-20060077983-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2019/06/10 14:00
S515	39298	((H04W76/11 OR H04W76/15 OR H04W8/02).CPC.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT;	OR	ON	2019/06/10 14:00

			IBM_TDB			
S517	25768	(access$4) NEAR5 (request$4 demand$4 inquiry$4 appeal$4) WITH (server$4 gateway$4 router$4) SAME (WD UE TE TA mobile terminal WTRU)	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2019/06/10 14:04
S518	13	((wireless adj2 (device equipment terminal phone iphone)) NEAR10 (location$4 geographical$4) WITH (ID key$4 identificat$4) SAME (access$4 NEAR5 code$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2019/06/10 14:05
S519	1	S513 AND (access$4) NEAR5 (request$4 demand$4 inquiry$4 appeal$4) WITH (server$4 gateway$4 router$4) SAME (WD UE TE TA mobile terminal WTRU)	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2019/06/10 14:05
S520	25768	(access$4) NEAR5 (request$4 demand$4 inquiry$4 appeal$4) WITH (server$4 gateway$4 router$4) SAME (WD UE TE TA mobile terminal WTRU)	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2019/06/10 14:06
S521	174	((wireless adj2 (device equipment terminal phone iphone)) SAME (location$4 geographical$4) SAME (ID key$4 identificat$4) SAME (access$4 NEAR5 code$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2019/06/10 14:06
S522	7	S517 and S521	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/06/10 14:08
S523	4	S522 AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/06/10 14:10
S524	8115	((user UE terminal WTRU TE TA user adj2 equipment station) NEAR5 (location$4 gps site$4 position latitude$4 coordinat$4) WITH (destination$4 deliver$4 receiver$4) SAME (server$3 proxy$3 gateway$1 webserver$4 cloud$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/07/29 22:04
S525	15234	((user UE terminal WTRU TE TA user adj2 equipment station) NEAR5 (location$4 gps site$4 position latitude$4 coordinat$4) SAME (destination$4 deliver$4 receiver$4) SAME (server$3 proxy$3 gateway$1 webserver$4 cloud$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/07/29 22:05
S526	32	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$	US-PGPUB; USPAT; DERWENT	OR	ON	2019/07/29 22:05

		or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$ or US-20140016635-$ or US-20090017842-$ or US-20060109960-$ or US-20080255944-$ or US-20060077983-$ or US-20080261560-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.				
S527	2	(US-20080056235-$ or US-20080261560-$).did.	US-PGPUB	OR	ON	2019/07/29 22:06
S528	2	S527 and (location$4 GPS) and (user wtru terminal station)	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2019/07/29 22:07
S529	2	"20130109314".PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2019/07/30 12:51
S530	34	(US-20070281705-$ or US-20090252159-$ or US-20130028251-$ or US-20040042607-$ or US-20080049732-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$ or US-20140016635-$ or US-20090017842-$ or US-20060109960-$ or US-20080255944-$ or US-20060077983-$).did. or (US-20080261560-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2019/08/13 16:07
S531	2	(US-20080261560-$ or US-20080056235-$).did.	US-PGPUB	OR	ON	2019/08/13 17:22
S532	6	(US-20080261560-$ or US-20080056235-$ or US-20080160953-$ or US-20030114145-$ or US-20090017842-$ or US-20060109960-$).did.	US-PGPUB	OR	ON	2019/08/13 17:22
S533	18	S530 and (access$4 NEAR2 server)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT;	OR	ON	2019/08/13 17:23

			IBM_TDB			
S534	11	S530 and (access$4 NEAR2 server) and (terminal$4 User adj2 equipment UE TE TA equipment mobile cellular WTRU) NEAR5 (location$4 gps address facility site$1 place$1 office$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 17:24
S535	1	S531 and (access$4 NEAR2 server) and (terminal$4 User adj2 equipment UE TE TA equipment mobile cellular WTRU) NEAR5 (location$4 gps address facility site$1 place$1 office$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 17:27
S536	1	S531 and (access$4 NEAR2 server) and (terminal$4 User adj2 equipment UE TE TA equipment mobile cellular WTRU) NEAR5 (location$4 gps address facility site$1 place$1 office$4) SAME (destinat$4 deliver$4 receiver$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 17:36
S537	4	S534 and (access$4 NEAR2 server) and (terminal$4 User adj2 equipment UE TE TA equipment mobile cellular WTRU) NEAR5 (location$4 gps address facility site$1 place$1 office$4) SAME (destinat$4 deliver$4 receiver$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 17:37
S538	4	S534 and (access$4 NEAR2 server) and (terminal$4 User adj2 equipment UE TE TA equipment mobile cellular WTRU) NEAR5 (location$4 gps address facility site$1 place$1 office$4) SAME (destinat$4 deliver$4 receiver$4) and (reply$4 respons$4 feed$3back$4 return$4 acknowledgment$4 answer$4) WITH (location$4 gsp address site$1 place$1 office$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 17:42
S539	4	S530 and (access$4 NEAR2 server) and (terminal$4 User adj2 equipment UE TE TA equipment mobile cellular WTRU) NEAR5 (location$4 gps address facility site$1 place$1 office$4) SAME (destinat$4 deliver$4 receiver$4) and (reply$4 respons$4 feed$3back$4 return$4 acknowledgment$4 answer$4) WITH (location$4 gsp address site$1 place$1 office$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 17:51
S540	9	S530 and (access$4 NEAR2 server) and (terminal$4 User adj2 equipment UE TE TA equipment mobile cellular WTRU) SAME (location$4 gps address facility site$1 place$1 office$4) SAME (destinat$4 deliver$4 receiver$4) and (reply$4 respons$4 feed$3back$4 return$4 acknowledgment$4 answer$4) SAME (location$4 gsp address site$1 place$1 office$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 17:52
S541	8	S530 and (access$4 NEAR2 server) and (terminal$4 User adj2 equipment	US-PGPUB; USPAT;	OR	ON	2019/08/13 17:53

		UE TE TA equipment mobile cellular WTRU) SAME (location$4 gps address facility site$1 place$1 office$4) SAME (destinat$4 deliver$4 receiver$4) and (reply$4 respons$4 feed$3back$4 return$4 acknowledgment$4 answer$4) SAME (location$4 gps address site$1 place$1 office$3) AND (@AD <"20080728")	FPRS; EPO; JPO; DERWENT; IBM_TDB			
S542	33	S530 and ((location$4 gps address facility site$1 place$1 office$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 18:02
S543	21	S530 and ((ID identification key flag$4) WITH (location$4 gps address facility site$1 place$1 office$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 18:03
S544	14	S530 and ((ID identification key flag$4) WITH (location$4 gps address facility site$1 place$1 office$4) and (access$4 NEAR2 server$3))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 18:03
S545	12	S530 and ((reply$4 respons$4 echo$1back feed$1back acknowledg$4) NEAR5 (messag$4 code$4 packet$4 frame$3) AND (ID identification key flag$4) WITH (location$4 gps address facility site$1 place$1 office$4) and (access$4 NEAR2 server$3))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 18:04
S546	313844	(370/310-338,395.$.ccls. "379".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2019/08/13 18:10
S547	43	S546 and ((reply$4 respons$4 echo$1back feed$1back acknowledg$4) NEAR5 (messag$4 code$4 packet$4 frame$3) SAME (ID identification key flag$4) SAME (location$4 gps site$1 place$1 office$4) SAME (access$4 NEAR2 server$3)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 18:10
S548	43	S546 and ((reply$4 respons$4 echo$1back feed$1back acknowledg$4) NEAR5 (messag$4 code$4 packet$4 frame$3) SAME (ID identification key flag$4) SAME (location$4 gps site$1 place$1 office$4) SAME (access$4 NEAR2 server$3)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2019/08/13 18:11
S549	8229	H04W8/02.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2019/08/13 18:12
S550	1156	H04W76/025.cpc.	US-PGPUB; USPAT; FPRS;	OR	OFF	2019/08/13 18:12

			EPO; JPO; DERWENT; IBM_TDB			
S551	1228	H04W76/021.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2019/08/13 18:12
S552	41274	((H04W76/11 OR H04W76/15 OR H04W8/02).CPC.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 18:12
S553	35974	S552 S549 S550 S551	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2019/08/13 18:12
S554	0	S548 and S553	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2019/08/13 18:13
S555	29	"8402559"	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2019/08/13 18:36
S556	8	"8402559".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2019/08/13 18:36
S557	1	"8402559".pn.	US-PGPUB; USPAT	OR	ON	2019/08/13 18:36
S558	4	"32074773".FMID.	US-PGPUB; USPAT; FPRS	OR	ON	2019/08/13 18:37
S559	70646	(terminal devic$1 wtru ue user adj2 equipment) WITH (location$4 gps site geograph$5) NEAR6 (id identification key flag$4)	US-PGPUB; USPAT	OR	ON	2019/08/13 18:39
S560	6909	(terminal devic$1 wtru ue user adj2 equipment) WITH (location$4 gps site geograph$5) NEAR6 (id identification key flag$4) and (destination$4) NEAR5 (phone number identification ID identif$4)	US-PGPUB; USPAT	OR	ON	2019/08/13 18:40
S561	1118	(terminal devic$1 wtru ue user adj2 equipment) WITH (location$4 gps site geograph$5) NEAR6 (id identification key flag$4) and (destination$4) NEAR5 (phone number identification ID identif$4) and (access$4 NEAR2 server$4) and (reply$4 respons$4 feed$1back feedback$3 ack acknowledg$4) NEAR5 (messag$4 packet$4 frame$4)	US-PGPUB; USPAT	OR	ON	2019/08/13 18:41

S562	348	S561 and (path$4 link$4 channel$4) WITH (router$4 rout$3 gateway$3) SAME Access$4	US-PGPUB; USPAT	OR	ON	2019/08/13 18:43
S563	117	S561 and ((path$4 link$4 channel$4) WITH (router$4 rout$3 gateway$3) SAME Access$4) AND (@AD <"20080728")	US-PGPUB; USPAT	OR	ON	2019/08/13 18:43
S564	1	14/035806.app.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 19:21
S565	34	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$ or US-20140016635-$ or US-20090017842-$ or US-20060109960-$ or US-20080255944-$ or US-20060077983-$ or US-20080261560-$ or US-20030087648-$).did. or (US-20060043164-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2019/08/13 20:18
S566	17	S565 and ((reply$4 respons$4 echo$1back feed$1back acknowledg$4) SAME (location$4 gps address facility site$1 place$1 office$4) and (access$4 NEAR2 server$3) and (destinat$4 deliver$4 arrival$4 place$4 site$3 point$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 20:19
S567	12	S565 and ((reply$4 respons$4 echo$1back feed$1back acknowledg$4) SAME (location$4 gps address facility site$1 place$1 office$4) SAME (destinat$4 deliver$4 arrival$4 place$4 site$3 point$4)and (access$4 NEAR2 server$3))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 20:20
S568	23	S565 and ((reply$4 respons$4 echo$1back feed$1back acknowledg$4) SAME (location$4 gps address facility site$1 place$1 office$4) SAME (destinat$4 deliver$4 arrival$4 place$4 site$3 point$4)and (access$4 NEAR2 server$3 server$4 webserver$4 computer$4 lifeserver$1 gateway$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 20:20
S569	12	S565 and ((reply$4 respons$4 echo$1back feed$1back acknowledg$4) SAME (location$4 gps	US-PGPUB; USPAT; FPRS;	OR	ON	2019/08/13 20:21

		address facility site$1 place$1 office$4) SAME (destinat$4 deliver$4 arrival$4 place$4 site$3 point$4)and (access$4 NEAR2 (server$3 server$4 webserver$4 computer$4 lifeserver$1 gateway$4)))	EPO; JPO; DERWENT; IBM_TDB			
S570	31139	("370" "455" "375" "715" "725" H04W$/$ H04L$/$).clas,cpc. AND ((reply$4 respons$4 echo$1back feed$1back acknowledg$4) SAME (location$4 gps address facility site$1 place$1 office$4) SAME (destinat$4 deliver$4 arrival$4 place$4 site$3 point$4)and (access$4 NEAR2 (server$3 server$4 webserver$4 computer$4 lifeserver$1 gateway$4))) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 20:32
S571	10309	("370" "455" "375" "715" "725" H04W$/$ H04L$/$).clas,cpc. AND ((reply$4 respons$4 echo$1back feed$1back acknowledg$4) SAME (location$4 gps site$1 place$1 office$4) SAME (destinat$4 deliver$4 arrival$4 place$4 site$3 point$4) SAME2 (access$4 NEAR7 (server$3 server$4 webserver$4 computer$4 lifeserver$1 gateway$4))) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 20:34
S572	3886202	("370" "455" "375" "715" "725" H04W$/$ H04L$/$).clas,cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 20:34
S573	4311912	("370" "455" "375" "715" "725" H04W$/$ H04L$/$ H04B$/$).clas,cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 20:34
S574	8840	((reply$4 respons$4 echo$1back feed$1back acknowledg$4) WITH (location$4 gps site$1 place$1 office$4) SAME (destinat$4 deliver$4 arrival$4 place$4 site$3 point$4) SAME2 (access$4 NEAR7 (server$3 server$4 webserver$4 computer$4 lifeserver$1 gateway$4))) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 20:37
S575	4311912	("370".clas. "455".clas. "375".clas. "715".clas. "725".clas. H04W$/$.cpc. H04L$/$.cpc. H04B$/$.cpc.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 20:39
S576	4277	S574 and S575	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 21:00

S578	7	S576 AND ((reply$4 respons$4 echo$1back feed$1back acknowledg$4) WITH (location$4 gps) SAME (destinat$4 NEAR4 (ID node identification identi$4)) SAME (access$4 NEAR7 (server$3 webserver$4 gateway$4))) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 21:02
S579	3	"38821872".FMID.	US-PGPUB; USPAT; FPRS	OR	ON	2019/08/13 21:03
S580	1	S579 AND ((reply$4 respons$4 echo$1back feed$1back acknowledg$4) AND (location$4 gps) SAME (destinat$4 NEAR6 (ID node identification identi$4)) AND (access$4 NEAR7 (server$3 webserver$4 gateway$4))) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 21:05
S581	1	S579 AND ((location$4 gps) SAME (destinat$4 NEAR6 (ID node identification identi$4)) AND (access$4 NEAR7 (server$3 webserver$4 gateway$4))) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 21:06
S582	2	S579 AND ((location$4 gps) AND (destinat$4 NEAR6 (ID node identification identi$4)) AND (access$4 AND (server$3 webserver$4 gateway$4))) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 21:06
S583	1	S530 and (access$3 WITH cod$3 SAME (location gps) SAME (reply$4 respons$4 echoback feed$1back))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 23:06
S584	8	S530 and (access$3 SAME (location gps) SAME (reply$4 respons$4 echoback feed$1back))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 23:07
S585	8	S530 and ((access$3 grand$4) SAME (location gps) SAME (reply$4 respons$4 echoback feed$1back))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 23:08
S586	6	S530 and ((access$3 grand$4) SAME (location gps) SAME (reply$4 respons$4 echoback feed$1back)) and (@AD< "20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 23:08
S587	24	S530 and ((access$3 grand$4) AND (location gps) AND (reply$4 respons$4 echoback feed$1back)) and (@AD< "20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 23:12

S588	34	((access$4 NEAR5 reply$4) SAME (wireless device wtru UE user adj2 equipment TE TA WTRU) SAME (channel$4 rout$4) SAME (destinat$4 end$3)) and (@AD<"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 23:23
S589	0	S553 AND ((access$4 NEAR5 reply$4) SAME (wireless device wtru UE user adj2 equipment TE TA WTRU) SAME (channel$4 rout$4) SAME (destinat$4 end$3)) and (@AD<"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 23:23
S590	5	S553 AND ((access$4 NEAR5 (reply$4 respons$4)) SAME (wireless device wtru UE user adj2 equipment TE TA WTRU) SAME (channel$4 rout$4) SAME (destinat$4 end$3)) and (@AD<"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 23:24
S591	34	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$ or US-20140016635-$ or US-20090017842-$ or US-20060109960-$ or US-20080255944-$ or US-20060077983-$ or US-20080261560-$ or US-20030087648-$).did. or (US-20060043164-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2019/08/14 13:28
S592	1	S591 and (access$4 NEAR4 (reply$4 respons$4) SAME Access$4 SAME channel$4 SAME (destinat$4 receiver$4 user adj3 end))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 13:29
S593	1380	(access$4 NEAR4 (reply$4 respons$4) SAME Access$4 SAME channel$4 SAME (destinat$4 receiver$4 user adj3 end))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 13:29
S594	1	S591 and (access$4 NEAR4 (reply$4 respons$4) SAME channel$4 SAME (destinat$4 receiver$4 user adj3 end))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 13:30
S595	4	S591 and (access$4 NEAR4 (reply$4 respons$4) SAME (channel$4 link$4	US-PGPUB; USPAT;	OR	ON	2019/08/14 13:30

		rout$4 connection) SAME (destinat$4 receiver$4 user adj3 end))	FPRS; EPO; JPO; DERWENT; IBM_TDB			
S596	4	S591 and (access$4 NEAR4 (reply$4 respons$4) SAME (channel$4 link$4 rout$4 connection) SAME (destinat$4 receiver$4 user adj3 end mobile$4 device$4 wtru))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 13:31
S597	3	S591 and (access$4 NEAR4 (reply$4 respons$4) SAME (channel$4 link$4 rout$4 connection) SAME (destinat$4 receiver$4 user adj3 end mobile$4 device$4 wtru)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 13:32
S598	3	(access$4 NEAR4 (reply$4 respons$4) SAME Access$4 NEAR2 code SAME channel$4 SAME (destinat$4 receiver$4 user adj3 end) SAME communicat$4) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 13:34
S599	23	(access$4 NEAR4 (reply$4 respons$4) SAME code SAME channel$4 SAME (destinat$4 receiver$4 user adj3 end) SAME communicat$4) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 13:36
S600	114	(access$4 NEAR4 (reply$4 respons$4) SAME code SAME channel$4 SAME (wireless adj2 device wtru mobile terminal destinat$4 receiver$4 user adj3 end) SAME communicat$4) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 13:36
S601	350	(access$4 NEAR4 (reply$4 respons$4) SAME (code key id identification identif$4) SAME channel$4 SAME (wireless adj2 device wtru mobile terminal destinat$4 receiver$4 user adj3 end) SAME communicat$4) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 13:37
S602	60	(access$4 NEAR3 (reply$4 respons$4) WITH (code key id identification identif$4) WITH channel$4 SAME (wireless adj2 device wtru mobile terminal destinat$4 receiver$4 user adj3 end) SAME communicat$4) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 13:49
S603	0	(reserv$4 NEAR5 channel$4 SAME Access NEAR3 reply$4 SAME (wireless adje device) SAME (destinat$4 receiver$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 14:02
S604	0	(reserv$4 NEAR5 channel$4 SAME Access NEAR3 reply$4 SAME (wireless adj2 device) SAME (destinat$4 receiver$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 14:02

S605	2	(reserv$4 NEAR5 channel$4 SAME (reply$4 respons$4) SAME (wireless adj2 device) SAME (destinat$4 receiver$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 14:02
S606	7	(reserv$4 NEAR5 channel$4 SAME (wireless adj2 device) SAME (destinat$4 receiver$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 14:09
S607	4	(reserv$4 NEAR5 channel$4 SAME access$4 NEAR5 (reply$4 respons$4) SAME (destinat$4 receiver$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 14:11
S608	4	((reserv$4 retriv$4 restor$4) NEAR5 channel$4 SAME access$4 NEAR5 (reply$4 respons$4) SAME (destinat$4 receiver$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 14:12
S609	74	(access near3 cod$3 NEAR3 (reply$4 respons$4)) SAME (access$4 NEAR3 cod$4) SAME (wireless NEAR2 device)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 14:21
S610	20	(access near3 cod$3 NEAR3 (reply$4 respons$4)) SAME (access$4 NEAR3 cod$4) SAME (wireless NEAR2 device) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 14:22
S611	20	(access near3 cod$3 NEAR3 (reply$4 respons$4)) SAME (access$4 NEAR3 cod$4) SAME (wireless NEAR2 device) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2019/08/14 14:22
S612	52	(access NEAR5 (reply$4 respons$4)) SAME (access$4 NEAR3 cod$4) SAME (wireless NEAR2 device) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 14:26
S613	91	(access NEAR5 (reply$4 respons$4)) SAME (access$4 NEAR3 cod$4) SAME (wireless NEAR2 (device terminal$4 equipment) user adj2 equipment WTRU) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 14:26
S614	3736	(access$4 NEAR5 (allow$4 grant$4) WITH (reply$4 respons$4) SAME (server$4 webserv$5 network$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 14:40
S615	33	S614 and (destination$4 receiver$4)	US-PGPUB;	OR	ON	2019/08/14

		SAME channel$4 NEAR4 access$5 with (grant$4 allow$4 permission$4) AND (@AD <"20080728")	USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB			14:42
S616	5	"6415154".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 14:44
S617	4	"20160026743"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 14:45
S618	1	14/035806.app.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 14:53
S619	1	S618 AND (access NEAR5 reply SAME (receiv$4 WITH access NEAR3 code) SAME destination SAME channel)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 14:53
S620	3	"20070286170"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 15:10
S621	2	S620 and (respons$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 15:10
S622	2	S620 and (respons$4 and (location$4 gps))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 15:10
S623	2	S620 and (respons$4 and (location$4 gps) and (server$4 gateway$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 15:11
S624	2	S620 and (respons$4 and (location$4 gps) and (server$4 gateway$4) and (path$4 rout$4 link$4 channel$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 15:11
S625	2	S620 and (respons$4 and (location$4	US-PGPUB;	OR	ON	2019/08/14

		gps) and (server$4 gateway$4) and (path$4 rout$4 link$4 channel$4) AND (access$4 grant$4 allow$4))	USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB			15:12
S626	2	S620 and ((respons$4 reply$4) and (location$4 gps) and (server$4 gateway$4) and (path$4 rout$4 link$4 channel$4) AND (access$4 grant$4 allow$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 15:12
S627	34	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$ or US-20140016635-$ or US-20090017842-$ or US-20060109960-$ or US-20080255944-$ or US-20060077983-$ or US-20080261560-$ or US-20030087648-$).did. or (US-20060043164-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2019/08/14 17:09
S628	6	S591 and (reply$4 respons$4 feed$1back feedback$4 ack acknowledg$4) NEAR5 (code$4 grant$4 allow$4) SAME (channel$4 path$3 rout$3 frequency$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 17:10
S629	10	S591 and (reply$4 respons$4 feed$1back feedback$4 ack acknowledg$4) NEAR5 (code$4 grant$4 allow$4) AND (channel$4 path$3 rout$3 frequency$4) WITH (reply$4 respons$4 feed$1back feedback$4 ack acknowledg$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 17:12
S630	2	(access$4 NEAR2 reply$4 WITH channel$4 WITH Destinat$4) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 17:36
S631	2	(access$4 NEAR2 reply$4 SAME channel$4 SAME Destinat$4) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 17:36
S632	3	(access$4 NEAR2 reply$4 SAME channel$4 SAME (wireless adj3 (device terminal equipment) WTRU))	US-PGPUB; USPAT; FPRS;	OR	ON	2019/08/14 17:37

		AND (@AD < "20080728")	EPO; JPO; DERWENT; IBM_TDB			
S633	3	(access$4 NEAR2 reply$4 SAME (channel$4 frequenc$4) SAME (wireless adj3 (device terminal equipment) WTRU)) AND (@AD < "20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 17:37
S634	3	(access$4 NEAR2 reply$4 SAME (channel$4 frequenc$4 tunnel$4) SAME (wireless adj3 (device terminal equipment) WTRU)) AND (@AD < "20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 17:38
S635	406	(access$4 NEAR6 (respons$4 reply$4) SAME (channel$4 frequenc$4 tunnel$4) SAME (wireless adj3 (device terminal equipment) WTRU)) AND (@AD < "20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 17:38
S636	86	(access$4 NEAR6 (respons$4 reply$4) SAME (channel$4 frequenc$4 tunnel$4) SAME (wireless adj3 (device terminal equipment) OR WTRU) SAME (destination$3 end remot$4 receiver$3)) AND (@AD < "20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 17:39
S637	1462	(access$4 NEAR6 (respons$4 reply$4) SAME (channel$4 frequenc$4 tunnel$4) WITH (destination$3 end remot$4 receiver$3)) AND (@AD < "20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 17:53
S638	422	(access$4 NEAR3 (respons$4 reply$4) WITH (channel$4 frequenc$4 tunnel$4) WITH (destination$3 end remot$4 receiver$3)) AND (@AD < "20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 17:53
S639	97	(access$4 NEAR3 (respons$4 reply$4) WITH (channel$4 frequenc$4 tunnel$4) WITH (destination$3 end remot$4 receiver$3) SAME (wireless cellular)) AND (@AD < "20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 17:53
S640	1	(channel$4 WITH select$4 WITH (replay resons$4) WITH access$4 SAME destinat$3) AND (@AD < "20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 17:59
S641	1	(channel$4 NEAR5 select$4 SAME (replay resons$4) SAME access$4 SAME destinat$3) AND (@AD < "20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 18:00
S642	0	(channel$4 NEAR5 select$4 SAME access NEAR5 (replay resons$4) SAME (wireless cellular)) AND (@AD	US-PGPUB; USPAT; FPRS;	OR	ON	2019/08/14 18:01

		< "20080728")	EPO; JPO; DERWENT; IBM_TDB			
S643	0	(channel$4 NEAR5 select$4 SAME (access$4 admission$4 etner$4 servic$4 cover$4 retriev$4) NEAR5 (replay resons$4) SAME (wireless cellular)) AND (@AD < "20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 18:03
S644	17	((channel$4 frequenc$4) SAME (access$4 admission$4 etner$4 servic$4 cover$4 retriev$4) NEAR5 (replay resons$4) SAME (wireless cellular)) AND (@AD < "20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 18:03
S645	4311912	("370".clas. "455".clas. "375".clas. "715".clas. "725".clas. H04W$/$.cpc. H04L$/$.cpc. H04B$/$.cpc.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 18:05
S646	7	S645 and S644	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 18:05
S647	501	S645 and (channel$4 WITH access NEAR2 code WITH wireless) AND (@AD < "20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 18:08
S648	0	S645 and (channel$4 WITH access NEAR2 code NEAR5 (reply$4 resons$4) WITH wireless) AND (@AD < "20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 18:09
S649	1	S645 and (channel$4 WITH access NEAR2 code SAME (reply$4 resons$4) WITH wireless) AND (@AD < "20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 18:09
S650	1	S645 and (channel$4 WITH access NEAR2 code SAME (reply$4 resons$4) SAME wireless) AND (@AD < "20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 18:09
S651	36	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$	US-PGPUB; USPAT; DERWENT	OR	ON	2019/08/14 18:10

		or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$ or US-20140016635-$ or US-20090017842-$ or US-20060109960-$ or US-20080255944-$ or US-20060077983-$ or US-20080261560-$ or US-20030087648-$).did. or (US-20060043164-$ or US-20070286170-$ or US-20070230423-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.				
S652	4	S596	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 18:10
S653	1	S652 AND (channel$4 SAME access$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 18:11
S654	1	S652 AND (channel$4 and wireless and (reply$4 respons$4) and wireless)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 18:14
S655	17	S651 AND (channel$4 and wireless and (reply$4 respons$4) and wireless)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 18:15
S656	3	(US-20080056235-$ or US-20070286170-$ or US-20070230423-$).did.	US-PGPUB	OR	ON	2019/08/14 18:35
S657	3	S656 and (server$4 and (data voice video))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 18:36
S658	3	S656 and (server$4 and (data voice video) and (sms short$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 18:43
S659	2	S658 and (IP NEAR5 address)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 21:05
S660	2	S658 and (IP NEAR5 address) same (location$4 gps)	US-PGPUB; USPAT;	OR	ON	2019/08/14 21:05

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S661	3	(US-20080056235-$ or US-20070286170-$ or US-20070230423-$).did.	US-PGPUB	OR	ON	2019/08/14 21:47
S662	3	S661 and (server$4 and (data voice video) and (sms short$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 21:47
S663	2	S662 and (IP NEAR5 address) same (location$4 gps)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 21:47

EAST Search History (Interference)

< This search history is empty>

8/15/2019 3:08:31 AM
C:\Users\mrahman6\Documents\EAST\Workspaces\14035806_10098_MOBILE GATEWAY_DigifonicalInternational.wsp

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	14/035806.app.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/06/10 13:48
L2	31	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$ or US-20140016635-$ or US-20090017842-$ or US-20060109960-$ or US-20080255944-$ or US-20060077983-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2019/06/10 14:00
L3	1	14/035806.app.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/06/10 14:00
L4	39298	((H04W76/11 OR H04W76/15 OR H04W8/02).CPC.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/06/10 14:00
L6	25768	(access$4) NEAR5 (request$4 demand$4 inquiry$4 appeal$4) WITH (server$4 gateway$4 router$4) SAME (WD UE TE TA mobile terminal WTRU)	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2019/06/10 14:04
L7	13	((wireless adj2 (device equipment terminal phone iphone)) NEAR10 (location$4 geographical$4) WITH (ID key$4 identificat$4) SAME (access$4 NEAR5 code$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2019/06/10 14:05
L8	1	l2 AND (access$4) NEAR5 (request$4 demand$4 inquiry$4 appeal$4) WITH	US-PGPUB; USPAT;	OR	OFF	2019/06/10 14:05

		(server$4 gateway$4 router$4) SAME (WD UE TE TA mobile terminal WTRU)	FPRS; EPO; JPO; IBM_TDB			
L9	25768	(access$4) NEAR5 (request$4 demand$4 inquiry$4 appeal$4) WITH (server$4 gateway$4 router$4) SAME (WD UE TE TA mobile terminal WTRU)	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2019/06/10 14:06
L10	174	((wireless adj2 (device equipment terminal phone iphone)) SAME (location$4 geographical$4) SAME (ID key$4 identificat$4) SAME (access$4 NEAR5 code$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2019/06/10 14:06
L11	7	6 and 10	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/06/10 14:08
L12	4	l11 AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/06/10 14:10
S1	2	"13056277"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/25 16:48
S2	34	("20060093135" | "20040022237" | "7055174" | "20060153342" | "20060258328" | "6724860" | "20070112964" | "7046658" | "20030200311" | "8116307" | "6151385" | "6597686" | "6744858" | "20060072550" | "20050025043" | "6963557" | "20040240439").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/25 18:09
S3	2	"13056277"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/13 16:03
S4	34	("20060093135" | "20040022237" | "7055174" | "20060153342" | "20060258328" | "6724860" | "20070112964" | "7046658" | "20030200311" | "8116307" | "6151385" | "6597686" | "6744858" | "20060072550" | "20050025043" | "6963557" | "20040240439").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/13 16:03
S5	34	("20060093135" | "20040022237" | "7055174" | "20060153342" | "20060258328" | "6724860" | "20070112964" | "7046658" | "20030200311" | "8116307" | "6151385" | "6597686" | "6744858" | "20060072550" | "20050025043" | "6963557" | "20040240439").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/13 16:03

S6	4	((JOHAN) near2 (BJORSELL)).INV.	US-PGPUB; USPAT	OR	ON	2013/03/13 16:16
S7	3	((MAKSYM) near2 (SOBOLYEV)).INV.	US-PGPUB; USPAT	OR	ON	2013/03/13 16:16
S8	2	((PENTTI) near2 (HUTTUNEN)).INV.	US-PGPUB; USPAT	OR	ON	2013/03/13 16:17
S10	5	(digifonica).as.	US-PGPUB; USPAT	OR	ON	2013/03/13 16:21
S11	5	S6 or S7 or S8 or S10	US-PGPUB; USPAT	OR	ON	2013/03/13 16:21
S12	288340	(370/310-338,395.$.ccls. "379".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2013/03/13 16:29
S13	1195	((caller 'calling party')same (callee 'called party') same access same code same request same call$4)	US-PGPUB; USPAT	OR	ON	2013/03/13 16:33
S14	701	S12 and ((caller 'calling party')same (callee 'called party') same access same code same request same call$4)	US-PGPUB; USPAT	OR	ON	2013/03/13 16:33
S15	40	S12 and ((caller 'calling party')same (callee 'called party') same access same code same request same call$4 same server same rout$5)	US-PGPUB; USPAT	OR	ON	2013/03/13 16:34
S16	23	S12 and ((caller 'calling party')same (callee 'called party') same access same code same request same call$4 same server same rout$5 same (channel or (ID identifier identificat$5)))	US-PGPUB; USPAT	OR	ON	2013/03/13 16:36
S18	2	us-20070112964-$.did. us-20040022237-$.did.	US-PGPUB; USPAT	OR	ON	2013/03/13 16:49
S19	4	us-20070112964-$.did. us-20040022237-$.did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/13 16:49
S20	245256	(370/310-338,395.$.ccls. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2013/03/13 16:52
S21	1	S20 and ((access adj code) same (channel adj (identifier ID identification) same request))	US-PGPUB; USPAT	OR	ON	2013/03/13 16:53
S22	366030	("370".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2013/03/13 16:54
S24	354	S22 and ((access adj code) same (channel ID identification) same request)	US-PGPUB; USPAT	OR	ON	2013/03/13 16:55
S25	8	S22 and ((access adj code) same (channel with (ID identification)) same request)	US-PGPUB; USPAT	OR	ON	2013/03/13 16:56
S26	10	S22 and ((access adj2 code) same caller same callee)	US-PGPUB; USPAT	OR	ON	2013/03/13 16:59
S27	58	S22 and ((phone caller callee 'calling party') same server same router same (initiat$4 or setup or sett$4)same channel)	US-PGPUB; USPAT	OR	ON	2013/03/13 17:05

S28	10	S22 and ((phone caller callee "calling party" "called party" "called terminal" "calling party") same server same rout$5 same (call near5 (initiat$4 or setup)) same channel same request same (ID identif$7))	US-PGPUB; USPAT	OR	ON	2013/03/13 17:19
S29	257	S22 and (caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5)	US-PGPUB; USPAT	OR	ON	2013/03/13 17:27
S30	72	S22 and (caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5) same access$5	US-PGPUB; USPAT	OR	ON	2013/03/13 17:28
S31	11	(US-20070281705-$ or US-20130028251-$ or US-20090252159-$ or US-20080049732-$ or US-20070121590-$ or US-20040042607-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$).did. or (US-7068684-$ or US-6963635-$).did.	US-PGPUB; USPAT	OR	ON	2013/03/13 19:13
S32	9	S31 and ((caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5))	US-PGPUB; USPAT	OR	ON	2013/03/13 19:13
S33	3	S31 and ((caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5) and processor and interface and identification)	US-PGPUB; USPAT	OR	ON	2013/03/13 19:16
S34	7	S31 and ((caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5) and channel and (initiat$5 setup) and (identi$7 ID))	US-PGPUB; USPAT	OR	ON	2013/03/13 19:18
S35	7	S31 and ((caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5) and channel and (initiat$5 setup) and (identi$7 ID) and voice and (location local$3 geograph$5 area) and number)	US-PGPUB; USPAT	OR	ON	2013/03/13 19:21
S36	2	S31 and ((caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5) and channel and (initiat$5 setup) and (identi$7 ID) and voice and (location local$3 geograph$5 area) and number and expir$5)	US-PGPUB; USPAT	OR	ON	2013/03/13 19:22
S37	2	S31 and ((caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5) and channel and (initiat$5 setup) and (identi$7 ID) and voice and (location local$3 geograph$5 area) and number	US-PGPUB; USPAT	OR	ON	2013/03/13 19:54

		and expir$5 and (access adj code))				
S39	3	"7079526".pn. us-20030114145-$.did. "6016319".pn.	US-PGPUB; USPAT	OR	ON	2013/03/14 11:27
S40	409041	("370".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:17
S43	21100	S40 and (initiat$4 adj3 call)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:21
S44	128	S40 and ((initiat$4 adj2 call) same (access adj2 code))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:22
S45	101	S40 and ((initiat$4 adj2 call) same (access adj2 code) and (channel ID))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:23
S46	38	S40 and ((initiat$4 adj2 call) same (access adj2 code) and (channel ID) and ((voice data) adj2 network))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:23
S47	33	S40 and ((initiat$4 adj2 call) same (access adj2 code) and (channel ID) and ((non$voice data) adj2 network$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:25
S48	11	S40 and ((initiat$4 adj2 call) same (access adj2 code) and (channel ID) and ((non$voice data) adj2 network$5) and (indentifier ID indentification))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:26
S49	35	("2006/0189337").URPN.	USPAT	OR	ON	2013/03/15 11:34
S50	5	S46 not S47	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:46
S51	63	S45 not S46	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:47
S52	409041	("370".clas. "709".clas. "455".clas.) and	US-PGPUB;	OR	ON	2013/03/15

PTO/SB/08 Equivalent

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	14/035,806
	Filing Date	September 24, 2013
	First Named Inventor	Björsell, Johan Emil Viktor
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	Rahman, M. Mostazir
SHEET 7 OF 8	Attorney Docket No.	DIGIF.004C1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[1]
	85	Voip-Pal Ex. 2021, IPR2016-01198, DF DigiFonica International Inc Memo - "Software roll out for supernodes.::Salm Rev 341, RBR Rev 341 added, 1 message" Fuad A. To: E. Björsell, Tue, May 31, 2005 at 1:13 PM, 1 page.	
	86	Voip-Pal Ex. 2022, IPR2016-01198, DF DigiFonica International Inc Memo - "Salm Rev 341, RBR Rev 341, 2 messages" Emil Björsell To: Fuad, et al., Tue, May 31, 2005 at 2:38 *and* 2:44 PM, 1 page.	
	87	Voip-Pal Ex. 2023, IPR2016-01198, DF DigiFonica International Inc Memo - "Software roll out for supernodes.::RBR Roll out Rev 353 added, 1 message" Fuad A. To: E. Björsell, Thu, Jun 2, 2005 at 1:12 PM, 1 page.	
	88	Voip-Pal Ex. 2024, IPR2016-01198, DF DigiFonica International Inc Memo - "Software roll out for supernodes.::RBR Roll out Rev 358 added, 1 message" Fuad A. To: E. Björsell, Sun, Jun 5, 2005 at 1:18 PM, 1 page.	
	89	Voip-Pal Ex. 2025, IPR2016-01198, DF DigiFonica International Inc Memo - "Software roll out for supernodes.::RBR Roll out Rev 361 updated, 1 message" Fuad A. To: E. Björsell, Mon., Jun 6, 2005 at 9:26 AM, 1 page.	
	90	Voip-Pal Ex. 2026, IPR2016-01198, DF DigiFonica International Inc Memo - "RBR Roll out Rev 361, 1 message" David Terry To: Fuad, et al., Mon., Jun 6, 2005 at 9:33 AM, 1 page.	
	91	Voip-Pal Ex. 2027, IPR2016-01198, DF DigiFonica International Inc Memo - "RBR Roll out Rev 361, 1 message" Emil Björsell To: Fuad, et al., Mon., Jun 6, 2005 at 11:33 AM, 1 page.	
	92	Voip-Pal Ex. 2030, IPR2016-01198, DF DigiFonica International Inc Memo - "Software roll out for supernodes.::RBR Rev 541 updated, 1 message" Fuad A. To: E. Björsell, Thu, Aug 4, 2005 at 11:57 AM, 1 page.	
	93	Voip-Pal Ex. 2031, IPR2016-01198, DF DigiFonica International Inc Memo - "RBR Rev 541, 1 message" David Terry To: Fuad, et al., Thu, Aug 4, 2005 at 1:58 PM, 1 page.	
	94	Voip-Pal Ex. 2032, IPR2016-01198, DF DigiFonica International Inc Memo - "RBR Rev 541, 1 message" Emil Björsell To: Fuad, et al., Thu, Aug 4, 2005 at 3:59 PM, 1 page.	
	95	Voip-Pal Ex. 2033, IPR2016-01198, DF DigiFonica International Inc Memo - "Software roll out for supernodes.::RBR Roll out Rev 554 added, 1 message" Fuad A. To: Emil Björsell, Mon, Aug 8, 2005 at 10:55 AM, 1 page.	
	96	Voip-Pal Ex. 2034, IPR2016-01198, DF DigiFonica International Inc Memo - "RBR Roll out Rev 554, 2 messages" David Terry To: Fuad, et al., Mon, Aug 8, 2005 at 11:48 AM and 12:00 PM, 1 page.	
	97	Voip-Pal Ex. 2035, IPR2016-01198, DF DigiFonica International Inc Memo - "RBR Roll out Rev 554, 1 message" Emil Björsell To: Fuad, et al., Mon, Aug 8, 2005 at 12:09 PM, 1 page.	
	98	Voip-Pal Ex. 2036, IPR2016-01198, DF DigiFonica International Inc Memo - "Digifonica : RBR and Salma Deployment," Samantha Edwards To: everyone@digifonica.com, Mon, Aug 8, 2005 at 4:12 PM, 4 pages.	
	99	Voip-Pal Ex. 2042, IPR2016-01198, DF DigiFonica International Inc Memo - "RBR Roll out Rev 693==>694, 1 message" Chris Huff To: Fuad, et al., Tue, Aug 23, 2005 at 1:33 PM, 1 page.	
	100	Voip-Pal Ex. 2043, IPR2016-01198, "DEPOSITION OF HENRY H. HOUH, PH.D., VOLUME I, TAKEN ON BEHALF OF THE PATENT OWNER," APPLE INC., Petitioner, v. VOIP-PAL.COM, INC., Patent Owner, Case No. IPR2016-01201, U.S. Patent 8,542,815, UNITED STATES PATENT AND TRADEMARK OFFICE, BEFORE THE PATENT TRIAL AND APPEAL BOARD, Dated: January 25, 2017, 128 pages.	

Examiner Signature	/M Mostazir Rahman/	Date Considered	08/21/2017

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

T[1] - Place a check mark in this area when an English language Translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /M.R./

		indentification) same request same (call$5 near5 server) same (router rout$5 gateway adj control$5))	USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB			12:33
S67	154	S64 not S65	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:34
S68	32	S52 and (channel same (ID indentifier indentification) same request same (call$5 near5 server) same (router rout$5 gateway))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:34
S69	2	S52 and (channel same (ID indentifier indentification) same request same (call$5 near5 server) same (router rout$5 gateway) and (wireless adj2 ip adj4 network$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:35
S72	2	S52 and (channel same (ID indentifier indentification) same request same (call$5 near5 server) same (router rout$5 gateway) AND (wireless adj2 ip adj4 network$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:36
S73	5	S52 and (channel same (ID indentifier indentification) same request same (call$5 near5 server) same (router rout$5 gateway) AND (wireless with (ip or (internet adj2 protocol))))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:46
S74	12	S52 and (channel same (ID indentifier indentification) same request same (call$5 near5 server) same (router rout$5 gateway) AND ((wireless mobile) with (ip or (internet adj2 protocol))))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:48
S76	7	S74 not S73	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:49
S77	432569	("370".clas. "709".clas. "455".clas. "725".clas.) and (@ad < "20080728" @rlad < "20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 13:10
S79	2	S77 and (channel same (ID indentifier indentification) same request same (call$5 near5 server) same (router rout$5 gateway) AND (wireless adj5 IP))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 13:11
S82	0	S79 and (POOL)	US-PGPUB;	OR	ON	2013/03/15

			USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB			15:32
S83	0	S79 and (indenfi$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:33
S84	2	S79 and (identifi$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:33
S85	2	S79 and (identifi$5 and access)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:33
S86	0	S79 and (identifi$5 with access)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:33
S87	2	S79 and (identifi$5 and access and number)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:33
S88	2	S79 and (identifi$5 and access and number and associat$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:34
S89	2	S79 and (identifi$5 and access and number and associat$5 and select$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:34
S90	900	S52 and (pool database) with (access adj code phone adj number) with (associat$3 respective)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:57
S91	0	S52 and (pool database) with (access adj code) with (phone adj number) with (associat$3 respective) same (wireless IP)\	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:57
S92	0	S52 and (pool database) with (access	US-PGPUB;	OR	ON	2013/03/15

		adj code) with (phone adj number) with (associat$3 respective) and (wireless IP)	USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB			15:58
S93	820	S52 and (pool database) with (access adj code phone adj number) with (associat$3 respective) and (wireless IP)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:58
S94	181	S52 and (pool database) with (access adj code phone adj number) with (associat$3 respective) same (wireless IP)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:58
S95	8	S52 and (pool database) with (access adj code phone adj number) with (associat$3 respective) same (wireless with IP)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:59
S98	20	(US-20070281705-$ or US-20130028251-$ or US-20090252159-$ or US-20080049732-$ or US-20070121590-$ or US-20040042607-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2013/03/15 16:13
S99	11	S98 and (local with number)	US-PGPUB; USPAT; DERWENT	OR	ON	2013/03/15 16:17
S100	9	S98 and (local near7 number)	US-PGPUB; USPAT; DERWENT	OR	ON	2013/03/15 16:19
S101	7	S98 and (local near4 number)	US-PGPUB; USPAT; DERWENT	OR	ON	2013/03/15 16:19
S102	3	(US-20040022237-$ or US-20080056235-$).did. or (US-6674745-$).did.	US-PGPUB; USPAT	OR	ON	2013/03/15 16:49
S103	3	S102 AND (ip adj2 address)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:49
S104	0	S102 AND (ip adj2 address with mobile)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:50

S105	2	S102 AND (ip adj2 address with (receiv$5 reception))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:50
S106	3	S102 AND (ip adj2 address with server)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:52
S107	0	S102 AND (ip adj2 address with server with receiv$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:53
S108	1	S102 AND (ip adj2 address with receiv$3 same server)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:53
S109	0	S102 AND ((ip adj address) with caller)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:54
S110	2	S102 AND ((ip adj address) with call$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:54
S111	1	"12116756"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 14:43
S112	3	(US-20040022237-$ or US-20080056235-$).did. or (US-6674745-$).did.	US-PGPUB; USPAT	OR	ON	2013/03/16 15:36
S115	1	S112 AND (identif$5 same wireless)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 15:37
S116	3	S112 AND (identif$5 and (mobile wireless))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:09
S117	1	S112 AND (identif$5 with (mobile wireless))	US-PGPUB; USPAT; FPRS;	OR	ON	2013/03/16 16:09

			EPO; JPO; DERWENT; IBM_TDB			
S118	2	S112 AND (identif$5 same (mobile wireless))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:09
S119	3	S112 AND (identi$6 and (mobile wireless) and config$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:11
S122	3	S112 AND (identi$6 and (mobile wireless) and config$5 and user)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:11
S123	3	S112 AND (identi$6 and (mobile wireless) and config$5 and user and location)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:12
S124	2	S112 AND (identi$6 same (mobile wireless) and config$5 and user and location)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:12
S126	1	S112 AND (identi$6 same (mobile wireless) and (config$5 same location) and user)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:13
S127	1	S112 AND (identi$6 same (mobile wireless) same location and (config$5 same user))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:17
S128	2	S112 AND (location same identi$6 same user)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:50
S129	3	S112 AND (local same number)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 17:08
S130	2	S112 AND (local near5 number)	US-PGPUB; USPAT; FPRS;	OR	ON	2013/03/16 17:12

			EPO; JPO; DERWENT; IBM_TDB			
S131	3	S112 AND (IP adj2 network same rout$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 17:19
S136	3	S112 AND (call same channel)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 17:39
S137	1	S112 AND (call same channel same establ$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 17:39
S141	1	S112 AND (establ$5 same call same channel)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 17:41
S142	2	S112 AND (call$5 same identif$6 same access)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 18:31
S143	1	S112 AND (call$5 same identif$6 same access same code)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 18:31
S144	3	(US-20040022237-$ or US-20080056235-$).did. or (US-6674745-$).did.	US-PGPUB; USPAT	OR	ON	2013/03/18 19:29
S145	3	S144 and (telephone same number)	US-PGPUB; USPAT	OR	ON	2013/03/18 19:30
S146	2	S144 and ((number or code) with match$4)	US-PGPUB; USPAT	OR	ON	2013/03/18 19:31
S147	3	S144 and ((number or code or ID or identifier) with called)	US-PGPUB; USPAT	OR	ON	2013/03/18 19:37
S148	2	S144 and ((number or code or ID or identifier) with channel)	US-PGPUB; USPAT	OR	ON	2013/03/18 19:45
S149	1	S144 and ((number or code) same (ID or identifier) same channel)	US-PGPUB; USPAT	OR	ON	2013/03/18 19:46
S150	2	S144 and ((number or code or ID or identifier) same channel same (called dialed))	US-PGPUB; USPAT	OR	ON	2013/03/18 19:49
S151	2	S144 and (channel same (called dialed))	US-PGPUB; USPAT	OR	ON	2013/03/18 19:51
S152	3	S144 and (TTL expir$5 timestap)	US-PGPUB;	OR	ON	2013/03/18

			USPAT			19:56
S153	3	S144 and (TTL expir$5 timestamp)	US-PGPUB; USPAT	OR	ON	2013/03/18 19:56
S154	2	S144 and (data non$1voice) with (reply respon$4)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:09
S155	2	S144 and (data non$1voice) same (code numer ID identifier) same (reply respon$4)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:10
S156	3	S144 and (data non$1voice) same (code numer ID identifier)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:12
S157	3	S144 and (data non$1voice) same (code numer ID identifier) same2 (reply$3 respon$5)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:14
S158	3	S144 and (data non$1voice) same (code number ID identifier) same2 (reply$3 respon$5)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:14
S159	3	S144 and (data non$1voice) same (code number ID identifier) same (reply$3 respon$5)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:17
S160	1	S144 and code with (reply$3 respon$5)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:19
S161	3	S144 and (number ID identifier) with (reply$3 respon$5)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:21
S162	2	S144 and (access adj code)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:23
S163	0	S144 and (access adj code) same (reply reponse respond$3)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:23
S164	1	S144 and (access adj code) same2 (reply reponse respond$3)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:24
S165	1	S144 and code same query	US-PGPUB; USPAT	OR	ON	2013/03/18 20:26
S166	0	"L29" and (data with interface with access adj code with (reply response respond$3))	US-PGPUB; USPAT	OR	ON	2013/03/18 20:26
S167	366130	("370".clas. "709".clas. "455".clas.) and (@ad < "20080728" @rlad < "20080728")	US-PGPUB; USPAT	OR	ON	2013/03/18 20:27
S168	6	S167 and (data with interface with access adj code with (reply response respond$3))	US-PGPUB; USPAT	OR	ON	2013/03/18 20:27
S169	1	S167 and (access adj code) with expir$5 with (establish$4 ssetup)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:41
S170	3	S167 and (access adj code) with expir$5 with (establish$4 setup)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:41
S171	8	S167 and (access adj code) with expir$5 with call$3	US-PGPUB; USPAT	OR	ON	2013/03/18 20:43
S172	5	(US-20040022237-$ or US-20080056235-$ or US-20020122391-$).did. or (US-6674745-$ or US-5454030-$).did.	US-PGPUB; USPAT	OR	ON	2013/03/22 14:46
S173	3	S172 and (dial$3 with number)	US-PGPUB; USPAT	OR	ON	2013/03/22 15:52
S174	2	S172 and (called with number with request)	US-PGPUB; USPAT	OR	ON	2013/03/22 15:58
S175	1	S172 and (calling with number with	US-PGPUB;	OR	ON	2013/03/22

		request)	USPAT			16:00
S176	1	S172 and (calling with request)	US-PGPUB; USPAT	OR	ON	2013/03/22 16:01
S178	2	S172 and (request with access)	US-PGPUB; USPAT	OR	ON	2013/03/22 16:03
S179	4	S172 and (access near code)	US-PGPUB; USPAT	OR	ON	2013/03/22 16:04
S180	1	S172 and (access with soft)	US-PGPUB; USPAT	OR	ON	2013/03/22 16:06
S181	1	S172 and (access same soft same (caller calling))	US-PGPUB; USPAT	OR	ON	2013/03/22 16:08
S182	1	S172 and (access same request$3 same (caller calling))	US-PGPUB; USPAT	OR	ON	2013/03/22 16:09
S185	1	S172 and (reply with request$3)	US-PGPUB; USPAT	OR	ON	2013/03/22 16:15
S186	5	S172 and (reply response)	US-PGPUB; USPAT	OR	ON	2013/03/22 16:16
S187	4	S172 and ((reply response) with (code id identif$8))	US-PGPUB; USPAT	OR	ON	2013/03/22 16:19
S188	4	S172 and ((calling caller) with (code id identif$8))	US-PGPUB; USPAT	OR	ON	2013/03/22 16:21
S189	3	S172 and ((calling caller) with (reply$3 respon$5))	US-PGPUB; USPAT	OR	ON	2013/03/22 16:23
S190	1	S172 and ((calling caller) same called same (initial$5 code access))	US-PGPUB; USPAT	OR	ON	2013/03/22 16:24
S191	4	S172 and ((reply response) with (code id identif$8) with (reply$3 respon$5))	US-PGPUB; USPAT	OR	ON	2013/03/22 16:38
S193	5	(US-20040022237-$ or US-20080056235-$ or US-20020122391-$).did. or (US-6674745-$ or US-5454030-$).did.	US-PGPUB; USPAT	OR	ON	2013/03/23 12:05
S194	3	S193 and (ip adj2 address)	US-PGPUB; USPAT	OR	ON	2013/03/23 12:06
S195	0	S193 and (ip adj2 address with mobile)	US-PGPUB; USPAT	OR	ON	2013/03/23 12:07
S196	1	S193 and (ip adj2 address same mobile)	US-PGPUB; USPAT	OR	ON	2013/03/23 12:07
S197	3	S193 and (ip adj2 address)	US-PGPUB; USPAT	OR	ON	2013/03/23 12:08
S198	3	S193 and (ip adj1 address)	US-PGPUB; USPAT	OR	ON	2013/03/23 12:17
S199	1	S193 and (mobile same routed)	US-PGPUB; USPAT	OR	ON	2013/03/23 13:17
S200	2	S193 and (mobile same rout$4)	US-PGPUB; USPAT	OR	ON	2013/03/23 13:18
S201	2	US-20070112964-$.did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/25 12:44
S202	2	"5519769".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO;	OR	ON	2013/03/25 12:55

			DERWENT; IBM_TDB			
S203	5	"13056277"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/11/09 13:30
S204	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/11/09 13:30
S205	68	("20020116464" | "20040255126" | "20060072547" | "20060093135" | "20060153342" | "20080056302" | "20120099599" | "20120227101" | "5469497" | "5608786" | "5712907" | "5838682" | "5905736" | "5930343" | "5991291" | "6005926" | "20120170574" | "20040203582" | "20050287979" | "20070047548" | "20080167019" | "20080167020" | "20080187122" | "20100177671" | "20110201321" | "6993015" | "7400881" | "7573982" | "7738384" | "8041022" | "8189568" | "8437340" | "8462915" | "8605714" | "8750290" | "7587036" | "20140349602" | "8111690" | "8713098" | "20090213839" | "20100083364" | "20100115018" | "20110208859" | "20110276903" | "20110276904" | "20110292929" | "20120089717" | "20130329722" | "20140016764" | "8078164" | "8396445" | "8634838" | "8903051" | "8909556" | "8938534" | "20050222952" | "6636833" | "7447707" | "7676431" | "7765261" | "8161078" | "8627211" | "20020122391" | "20060160565" | "20060177035" | "20060209768" | "20080037715" | "5146491").pn.	US-PGPUB; USPAT	OR	OFF	2015/11/09 14:04
S206	7	((Pentti) near2 (Huttunen)).INV.	US-PGPUB; USPAT	OR	OFF	2015/11/09 14:08
S208	4	((Emil) near2 (Malak)).INV.	US-PGPUB; USPAT	OR	OFF	2015/11/09 14:08
S209	19	((bjorsell) near2 (johan)).INV.	US-PGPUB; USPAT	OR	OFF	2015/11/09 14:09
S210	21	(digifonica).as.	US-PGPUB; USPAT	OR	ON	2015/11/09 14:09
S211	9	((Maksym) near2 (Sobolyev)).INV.	US-PGPUB; USPAT	OR	OFF	2015/11/09 14:10
S212	25	S206 S208 S209 S210 S211	US-PGPUB; USPAT	OR	OFF	2015/11/09 14:10
S213	267985	(370/310-338,395.$.ccls. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2015/11/09 14:12
S214	9728	S213 and ((location$4 GPS) AND (ID	US-PGPUB;	OR	ON	2015/11/09

		identificat$4)).clm.	USPAT			14:12
S215	1	S212 and ((location$4 GPS) AND (ID identificat$4)).clm.	US-PGPUB; USPAT	OR	ON	2015/11/09 14:12
S216	3	S212 and ((location$4 GPS) AND (ID identificat$4 key flag$4 number digit)).clm.	US-PGPUB; USPAT	OR	ON	2015/11/09 14:13
S217	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/11/09 14:14
S218	22	(US-20070281705-$ or US-20130028251-$ or US-20090252159-$ or US-20080049732-$ or US-20070121590-$ or US-20040042607-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/09 15:24
S219	20	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/09 16:15
S220	22	(US-20070281705-$ or US-20090252159-$ or US-20130028251-$ or US-20040042607-$ or US-20080049732-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/09 16:15
S221	21	S220 and (locat$4 GPS)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:15

S222	17	S220 and (locat$4 GPS) AND (ID identificat$4 key$4 flag$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:16
S223	13	S220 and (locat$4 GPS) SAME (ID identificat$4 key$4 flag$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:16
S224	13	S220 and (locat$4 GPS) SAME (ID identificat$4 key$4 flag$4) AND (mobile wireless cellular portable)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:16
S225	10	S220 and (locat$4 GPS) SAME (ID identificat$4 key$4 flag$4) SAME (mobile wireless cellular portable)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:16
S226	10	S220 and (locat$4 GPS) SAME (ID identificat$4 key$4 flag$4) SAME (mobile wireless cellular portable) AND (server$4 router$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:17
S227	9	S220 and (locat$4 GPS) SAME (ID identificat$4 key$4 flag$4) SAME (mobile wireless cellular portable) SAME (server$4 router$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:17
S228	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:28
S230	4816	H04W8/02.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2015/11/09 16:29
S231	5819	H04W76/025.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:31
S233	5844	H04W76/021.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:32
S235	27	S230 AND (plac$3 WITH VOIP same call$3)	US-PGPUB; USPAT;	OR	OFF	2015/11/09 16:33

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S236	56	(S230 S231 S233) AND (plac$3 WITH VOIP same call$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 17:19
S237	48	(S230 S231 S233) AND (plac$3 SAME (wireless mobile cellular) WITH VOIP same call$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 17:20
S238	63	(S230 S231 S233) AND (plac$3 SAME (wireless mobile cellular) SAME (voice adj2 over adj2 internet VOIP) same call$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 17:20
S239	2	(US-20040022237-$ or US-20080056235-$).did.	US-PGPUB	OR	OFF	2015/11/09 17:34
S240	28	(S230 S231 S233) AND (plac$3 SAME (wireless mobile cellular) SAME (voice adj2 over adj2 internet VOIP) same call$3 AND (SMS short adj2 messag$4 adj2 serv$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 17:35
S241	4816	H04W8/02.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2015/11/09 19:23
S242	5819	H04W76/025.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:23
S243	5844	H04W76/021.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:23
S244	976	(S241 S242 S243) AND (SMS short adj2 messag$4 adj2 servic$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:23
S245	397	(S241 S242 S243) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) AND (SMS short adj2 messag$4 adj2 servic$3))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:24
S246	259	(S241 S242 S243) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) AND	US-PGPUB; USPAT;	OR	OFF	2015/11/09 19:25

		(SMS short adj2 messag$4 adj2 servic$3) AND server and controller)	FPRS; EPO; JPO; DERWENT; IBM_TDB			
S247	29	(S241 S242 S243) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) AND (SMS short adj2 messag$4 adj2 servic$3) AND server and controller and (location adj2 ID location adj2 identif$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:26
S248	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:35
S249	1	S248 and (receiv$$ SAME user SAME identifier SAME destination)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:36
S250	1	S248 and (receiv$$ SAME user SAME identifier)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:36
S251	20	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/29 22:07
S252	252985	((H04L29/06027 OR H04L29/06 OR H04L29/1216 OR H04L61/157 OR H04L65/1069 OR H04L12/4608 OR H04L12/66 OR H04L29/12122 OR H04L61/1547 OR H04L65/1026 OR H04L65/103 OR H04L65/1036 OR H04L65/104 OR H04L67/14 OR H04L69/329 OR H04L12/1813 OR H04L12/5695 OR H04L12/6418 OR H04L2012/5626 OR H04L2012/563 OR H04L2012/5645 OR H04L2012/5667 OR H04L2012/5668 OR H04L2012/6472 OR H04L29/12094 OR H04L29/12584 OR H04L29/12896 OR H04L29/12933 OR H04L47/724 OR H04L47/803 OR H04L47/805 OR H04L61/1529 OR H04L61/2015 OR H04L61/2596 OR H04L61/605 OR H04L61/6068 OR H04L63/061 OR H04L63/0823 OR H04L63/126 OR H04L63/164 OR H04L65/1003 OR H04L65/1006 OR	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/29 22:25

		H04L65/1009 OR H04L65/1013 OR H04L65/1043 OR H04L65/1046 OR H04L65/1083 OR H04L65/1096 OR H04L65/4007 OR H04L65/403 OR H04L65/604 OR H04L65/605 OR H04L67/02 OR H04L67/04 OR H04L67/24 OR H04L67/34 OR H04L67/40 OR H04L69/08 OR H04M15/00 OR H04M7/006 OR H04M7/009 OR H04M11/066 OR H04M15/06 OR H04M15/08 OR H04M15/41 OR H04M15/43 OR H04M15/48 OR H04M15/56 OR H04M15/63 OR H04M15/68 OR H04M15/745 OR H04M15/8292 OR H04M1/2473 OR H04M1/2535 OR H04M2203/2022 OR H04M2203/4536 OR H04M2207/12 OR H04M2207/18 OR H04M2207/20 OR H04M2215/0108 OR H04M2215/0156 OR H04M2215/0164 OR H04M2215/0168 OR H04M2215/0196 OR H04M2215/202 OR H04M2215/62 OR H04M2215/68 OR H04M2242/14 OR H04M3/20 OR H04M3/42 OR H04M3/42008 OR H04M3/42042 OR H04M3/42068 OR H04M3/4228 OR H04M3/42314 OR H04M3/42348 OR H04M3/42365 OR H04M3/523 OR H04M3/53325 OR H04M3/545 OR H04M3/567 OR H04M7/00 OR H04M7/0021 OR H04M7/0057 OR H04M7/123 OR H04M7/1245 OR H04M7/125 OR H04M7/1255 OR H04M7/126 OR H04M7/128 OR H04M7/1285 OR H04Q3/0025 OR H04Q3/0045 OR H04Q11/0478 OR H04Q2213/13098 OR H04Q2213/1324 OR H04Q2213/13288 OR G06Q20/3674 OR H04H60/43 OR H04H60/51 OR H04H60/91 OR H04N21/2665 OR H04N21/4126 OR H04N21/42203 OR H04N21/6581 OR H04N21/6582 OR H04N7/17318 OR H04W28/16 OR H04W4/06 OR H04W4/10 OR H04W4/22 OR H04W60/04 OR H04W76/005 OR H04W76/007 OR H04W76/02 OR H04W76/021 OR H04W76/025 OR H04W80/00 OR H04W80/04 OR H04W84/005 OR H04W88/08 OR H04W8/02 OR H04W8/085 OR Y10S379/90).CPC.)				
S253	1	"14035806"	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/29 22:26
S254	6639	((H04W76/021 OR H04W76/025 OR H04W8/02).CPC.)	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/29 22:45
S255	268033	(370/310-338,395.$.ccls. "709".clas. "455".clas.) and (@ad < "20080728" @rlad < "20080728")	US-PGPUB; USPAT	OR	ON	2015/11/29 23:32
S256	4832	H04W8/02.cpc.	US-PGPUB; USPAT;	OR	OFF	2015/11/29 23:32

			FPRS; EPO; JPO			
S257	5881	H04W76/025.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/29 23:32
S258	5933	H04W76/021.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/29 23:32
S259	29	(S256 S257 S258) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) AND (SMS short adj2 messag$4 adj2 servic$3) AND server and controller and (location adj2 ID location adj2 identif$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/29 23:32
S260	265	(S254 S255) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) AND (SMS short adj2 messag$4 adj2 servic$3) AND server and controller and (location adj2 ID location adj2 identif$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/29 23:33
S261	95	(S254 S255) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) SAME (SMS short adj2 messag$4 adj2 servic$3) AND server and controller and (location adj2 ID location adj2 identif$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/29 23:33
S262	25	(S254 S255) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) SAME (SMS short adj2 messag$4 adj2 servic$3) AND server SAME (location adj2 ID location adj2 identif$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/29 23:33
S263	4	(S254 S255) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) SAME (SMS short adj2 messag$4 adj2 servic$3) SAME server SAME (location adj2 ID location adj2 identif$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/29 23:34
S264	6575	(reply with mobile) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2015/11/30 00:57
S265	2208	(reply with mobile same server) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2015/11/30 00:57
S266	168	(reply with mobile same server same sms) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2015/11/30 00:57
S267	35	(reply with mobile same server same sms same gateway) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2015/11/30 00:58
S268	25	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/30 02:11

		20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.				
S269	12	S268 and SMS	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 02:11
S270	12	S268 and (SMS same server$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 02:12
S271	1	S268 and (SMS same server$3 same locat$4 NEAR5 (ID address identificat$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 02:12
S272	25	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/30 09:34
S273	12	S272 and (SMS same server$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 09:34
S274	5	S272 and (SMS same server$3 SAME (location GPS))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 09:38
S275	5	"20080101370"	US-PGPUB; USPAT; FPRS;	OR	OFF	2015/11/30 09:42

			EPO; JPO; DERWENT; IBM_TDB			
S276	26	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/30 09:47
S277	6	S276 and (SMS SAME server SAME (location GPS))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 09:47
S278	8	S276 and (SMS SAME server SAME3 (location GPS))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 10:08
S279	17	S276 and ((ID identification key flag address) SAME (location GPS))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 11:00
S280	15	S276 and ((ID identification key flag address) SAME (location GPS) SAME server)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 11:01
S281	11	S276 and ((transmit$4 send$4) SAME (ID identification key flag address) SAME (location GPS) SAME server)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 11:03
S282	3	S276 and ((transmit$4 send$4) SAME (ID identification key flag address) WITH (location GPS) WITH server)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 11:11
S283	2	(US-20080160953-$ or US-20080056235-$).did.	US-PGPUB	OR	OFF	2015/11/30 12:07
S284	2	S283 and (SMS SAME server)	US-PGPUB; USPAT; FPRS;	OR	OFF	2015/11/30 12:07

			EPO; JPO; DERWENT; IBM_TDB			
S285	2	S283 and (location SAME channel)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 12:25
S286	1	"14035806"	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/30 12:59
S287	0	S283 and (poll)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:04
S288	1	S283 and (poll multiple)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:05
S289	2	S283 and (local and call)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:07
S290	2	S283 and (local SAME call)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:07
S291	2	S283 and (IP SAME address)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:09
S292	0	S283 and (time with out)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:20
S293	0	S283 and (expired)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:21
S294	1	S283 and (expired out)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:21

S295	26	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2016/01/02 22:35
S296	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	OFF	2016/01/02 22:36
S297	0	S296 and (destinat$$ adj2 (ID key flag identificat$4) and (location adj2 ID) and channel$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/02 22:37
S298	0	S296 and (destinat$$ SAME (ID key flag identificat$4) SAME (location adj2 ID) and channel$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/02 22:37
S299	1	S296 and (destinat$$ SAME (ID key flag identificat$4) SAME channel$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/02 22:38
S300	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	OFF	2016/01/03 18:45
S301	1	S300 and (destinat$$ SAME (ID key flag identificat$4) SAME channel$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/03 18:45
S302	26	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2016/01/06 12:00

S303	2	"13710282"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/06 17:24
S304	1	S303 and (similar SAME power$4 same sav$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/06 17:25
S305	1	S303 and (similar NEAR10 power$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/06 18:18
S306	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	OFF	2016/01/06 21:55
S307	26	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2016/01/07 14:24
S308	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	OFF	2016/01/07 14:24
S309	1	"14035806"	US-PGPUB; USPAT	OR	OFF	2016/01/07 15:02
S310	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	OFF	2016/01/07 15:03
S311	26	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2016/01/07 15:03

S312	1	S310 and ((channel$4 tunnel$4 frequenc$4) WITH (ID identificat$4 key flag))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/07 15:04
S313	2	S310 and ((channel$4 tunnel$4 frequenc$4) SAME (ID identificat$4 key flag))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/07 15:04
S314	1	S310 and ((channel$4 tunnel$4 frequenc$4) NEAR10 (ID identificat$4 key flag))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/07 15:35
S315	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	OFF	2016/01/07 15:35
S316	1	S315 and (destinat$$ SAME (ID key flag identificat$4) SAME channel$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/07 15:35
S317	2	S315 and (channel)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/07 16:18
S319	2	S315 and (channel and location)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/07 18:15
S320	5569	H04W8/02.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2016/10/17 13:25
S321	8486	H04W76/025.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/10/17 13:25
S322	8300	H04W76/021.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/10/17 13:25
S323	46	(S320 S321 S322) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) AND (SMS short adj2 messag$4 adj2 servic$3) AND server and controller and (location adj2 ID location adj2 identif$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/10/17 13:25

S324	8	((Pentti) near2 (Huttunen)).INV.	US-PGPUB; USPAT	OR	OFF	2016/10/17 13:25
S325	4	((Emil) near2 (Malak)).INV.	US-PGPUB; USPAT	OR	OFF	2016/10/17 13:25
S326	22	((bjorsell) near2 (johan)).INV.	US-PGPUB; USPAT	OR	OFF	2016/10/17 13:25
S327	21	(digifonica).as.	US-PGPUB; USPAT	OR	ON	2016/10/17 13:25
S328	10	((Maksym) near2 (Sobolyev)).INV.	US-PGPUB; USPAT	OR	OFF	2016/10/17 13:25
S329	29	S324 S325 S326 S327 S328	US-PGPUB; USPAT	OR	OFF	2016/10/17 13:25
S330	1	S329 and ((location$4 GPS) AND (ID identificat$4)).clm.	US-PGPUB; USPAT	OR	ON	2016/10/17 13:25
S331	313876	(370/310-338,395.$.ccls. "379".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2016/10/17 13:26
S332	28	S331 and ((caller 'calling party')same (callee 'called party') same access same code same request same call$4 same server same rout$5 same (channel or (ID identifier identificat$5)))	US-PGPUB; USPAT	OR	ON	2016/10/17 13:26
S333	268664	(370/310-338,395.$.ccls. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2016/10/17 13:26
S334	1	S333 and ((access adj code) same (channel adj (identifier ID identification) same request))	US-PGPUB; USPAT	OR	ON	2016/10/17 13:26
S335	506306	("370".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/10/17 13:26
S336	12	S335 and ((initiat$4 adj2 call) same (access adj2 code) and (channel ID) and ((non$voice data) adj2 network$5) and (indentifier ID indentification))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/10/17 13:26
S337	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	ON	2016/10/17 13:55
S338	2	S337 and (database list table log) WITH (locat$4 GPS)	US-PGPUB	OR	ON	2016/10/17 14:12
S339	2	S337 and (database list table log) WITH (locat$4 GPS) AND (IP internet adj2 protocol)	US-PGPUB	OR	ON	2016/10/17 14:19
S340	0	S337 and (database list table log) WITH (locat$4 GPS) WITH (IP internet adj2 protocol)	US-PGPUB	OR	ON	2016/10/17 14:19
S341	2	S337 and (database list table log) WITH (locat$4 GPS) SAME (IP internet adj2 protocol)	US-PGPUB	OR	ON	2016/10/17 14:19
S342	2	S337 and (database list table log) WITH (locat$4 GPS) SAME (IP internet adj2 protocol) and location	US-PGPUB	OR	ON	2016/10/17 14:45
S343	1	"14035806"	US-PGPUB;	OR	ON	2016/11/15

			USPAT; FPRS; EPO; JPO			14:32
S344	26	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2016/11/15 15:00
S345	6	cn adj2 "102307082"	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2016/11/15 15:52
S346	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2016/11/15 16:54
S347	1	(US-20080056235-$).did.	US-PGPUB	OR	ON	2016/11/15 19:52
S348	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	ON	2016/11/15 19:53
S349	2	S348 AND (locat$5 GPS) WITH (ID key identification flag$4)	US-PGPUB	OR	ON	2016/11/15 19:54
S350	2	S348 AND (locat$5 GPS) WITH (ID key identification flag$4) AND (ID key identification flag$4)	US-PGPUB	OR	ON	2016/11/15 19:55
S351	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	ON	2016/11/15 20:58
S352	2	S351 AND (locat$5 GPS) WITH (ID key identification flag$4) AND (ID key identification flag$4)	US-PGPUB	OR	ON	2016/11/15 20:58
S353	432	((Access NEAR5 server) AND (location$4 GPS) SAME (destinat$4 NEAR5 ID)) AND (@AD <"201080728")	US-PGPUB	OR	ON	2016/11/15 21:57
S354	752	((Access NEAR5 server) AND (location$4 GPS) SAME (destinat$4 NEAR5 ID)) AND (@AD <"201080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2016/11/15 21:58
S355	402	((Access NEAR5 server) AND (location$4 GPS) WITH (destinat$4 NEAR5 ID)) AND (@AD <"201080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2016/11/15 21:58
S356	11	((Access NEAR5 server) SAME (location$4 GPS) WITH (destinat$4 NEAR5 ID)) AND (@AD	US-PGPUB; USPAT; FPRS;	OR	ON	2016/11/15 21:58

		<"201080728")	EPO; JPO; IBM_TDB			
S357	97	((request$4 NEAR5 (messag$4 packet frame PDU data adj2 unit)) SAME (location$4 GPS) WITH (destinat$4 NEAR5 ID)) AND (@AD <"201080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2016/11/15 22:00
S358	19	((request$4 NEAR5 (messag$4 packet frame PDU data adj2 unit)) SAME (location$4 GPS) WITH (destinat$4 NEAR5 ID) SAME (server)) AND (@AD <"201080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2016/11/15 22:01
S359	43	((request$4 SAME (messag$4 packet frame PDU data adj2 unit)) SAME (location$4 GPS) SAME (destinat$4 NEAR5 ID) SAME (server) SAME (channel$4 path$4 rout$4)) AND (@AD <"201080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2016/11/15 22:42
S360	29	((JOHAN) near2 (BJORSELL)).INV.	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
S361	14	((MAKSYM) near2 (SOBOLYEV)).INV.	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
S362	8	((PENTTI) near2 (HUTTUNEN)).INV.	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
S363	21	(digifonica).as.	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
S364	34	S360 or S361 or S362 or S363	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
S365	313893	(370/310-338,395.$.ccls. "379".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
S366	27	S365 and ((caller 'calling party')same (callee 'called party') same access same code same request same call$4 same server same rout$5 same (channel or (ID identifier identificat$5)))	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
S367	268678	(370/310-338,395.$.ccls. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
S368	1	S367 and ((access adj code) same (channel adj (identifier ID identification) same request))	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
S369	45	((request$4 SAME (messag$4 packet frame PDU data adj2 unit)) SAME (location$4 GPS) SAME (destinat$4 NEAR5 ID) SAME (server) SAME (channel$4 path$4 rout$4)) AND (@AD <"201080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2017/08/21 11:59
S370	400075	("370".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2017/08/21 11:59
S371	8	S370 and ((access adj code) same (channel with (ID identification)) same request)	US-PGPUB; USPAT	OR	ON	2017/08/21 11:59
S372	8	((Pentti) near2 (Huttunen)).INV.	US-PGPUB; USPAT	OR	OFF	2017/08/21 11:59
S373	4	((Emil) near2 (Malak)).INV.	US-PGPUB; USPAT	OR	OFF	2017/08/21 11:59

S374	29	((bjorsell) near2 (johan)).INV.	US-PGPUB; USPAT	OR	OFF	2017/08/21 11:59
S375	21	(digifonica).as.	US-PGPUB; USPAT	OR	ON	2017/08/21 11:59
S376	14	((Maksym) near2 (Sobolyev)).INV.	US-PGPUB; USPAT	OR	OFF	2017/08/21 11:59
S377	36	S372 S373 S374 S375 S376	US-PGPUB; USPAT	OR	OFF	2017/08/21 11:59
S378	1	S377 and ((location$4 GPS) AND (ID identificat$4)).clm.	US-PGPUB; USPAT	OR	ON	2017/08/21 11:59
S379	528836	("370".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/08/21 12:00
S380	12	S379 and ((initiat$4 adj2 call) same (access adj2 code) and (channel ID) and ((non$voice data) adj2 network$5) and (indentifier ID indentification))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/08/21 12:00
S381	11	((Access NEAR5 server) SAME (location$4 GPS) WITH (destinat$4 NEAR5 ID)) AND (@AD <"201080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2017/08/21 12:00
S382	13	("20020150080" | "20060195584" | "20070121590" | "20070121602" | "20170104868" | "20170111265" | "20170126752" | "20170142256" | "576852106" | "6947531" | "7477843" | "9537762" | "9549071" | "9565307").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:07
S383	4	("20030043974" | "20050069097" | "6434143" | "7774711").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:07
S384	1	("7174156").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:07
S385	24	("20020057764" | "20050007999" | "20060109960" | "20060233317" | "20070036139" | "20070064919" | "20090238168" | "20100002701" | "20150327320" | "20150358470" | "20160006882" | "20160028619" | "4747124" | "5742596" | "5991378" | "6603977" | "6961334" | "7042985" | "7218722" | "7366157" | "7486684" | "8036366" | "8594298" | "9179005").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:07
S386	24	("20020057764" | "20050007999" | "20060109960" | "20060233317" | "20070036139" | "20070064919" | "20090238168" | "20100002701" | "20150327320" | "20150358470" | "20160006882" | "20160028619" | "4747124" | "5742596" | "5991378" | "6603977" | "6961334" | "7042985" | "7218722" | "7366157" | "7486684" | "8036366" | "8594298" |	US-PGPUB; USPAT	OR	ON	2017/08/21 13:08

		"9179005").PN.				
S387	43	("20050131813" | "20050171898" | "20050192897" | "20050192901" | "20050222952" | "20050267842" | "20060006224" | "20060036522" | "20060095320" | "20060116892" | "20060195398" | "20070016524" | "20140141884" | "5677955" | "5883810" | "6173272" | "6243689" | "6636833" | "6772188" | "6892184" | "7051072" | "7330835" | "7426492" | "7437665" | "7447707" | "7580886" | "7593884" | "7599944" | "7644037" | "7647500" | "7676431" | "7680737" | "7734544" | "7765261" | "7765266" | "7882011" | "7899742" | "8060887" | "8161078" | "8200575" | "8543477" | "8627211" | "8702505").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:08
S388	71	("20070053382" | "20090213839" | "20100083364" | "20100114896" | "20100115018" | "20100142382" | "20100220852" | "20100233991" | "20100278534" | "20100316195" | "20110072095" | "20110167164" | "20110208859" | "20110235543" | "20110273526" | "20110276903" | "20110276904" | "20110292929" | "20120089717" | "20120096145" | "20120155333" | "20120195236" | "20120259975" | "20120270554" | "20130039226" | "20130097308" | "20130128879" | "20130148549" | "20130173534" | "20130229950" | "20130287006" | "20130310002" | "20130318166" | "20130329722" | "20130329864" | "20140010119" | "20140016764" | "20140153477" | "20140215642" | "20140307858" | "20140321333" | "6327351" | "7203478" | "7958233" | "8078164" | "8127005" | "8166547" | "8190739" | "8223927" | "8300632" | "8315521" | "8396445" | "8526306" | "8599747" | "8599837" | "8634838" | "8774378" | "8819566" | "8848887" | "8862701" | "8885609" | "8903051" | "8903360" | "8909556" | "8938209" | "8938534" | "8948061" | "8972612" | "8982719" | "8995428" | "9003306").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:09
S389	6	("20070217354" | "5917899" | "6005870" | "6597783" | "6873599" | "7010727").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:09
S390	54	("0000029" | "0000030" | "0000031" | "0000032" | "0000033" | "0000034" | "0000035" | "0000036" | "0000037" | "0000038" | "0000039" | "0000040" | "0000041" | "20010027478" | "20110255553" | "20110261717" | "20130223276" | "20130237198" | "20130254301" | "20130272297" | "20130281147" | "20140220944" | "20140227962" | "20140244393" | "20140247730" | "20140269624" |	US-PGPUB; USPAT	OR	ON	2017/08/21 13:09

		"20140324969" | "20140337961" | "20140349602" | "6937713" | "8111690" | "8219115" | "8228837" | "8243730" | "8275404" | "8364172" | "8410907" | "8417791" | "8423791" | "8468196" | "8493931" | "8532075" | "8682919" | "8713098" | "8749610" | "8767717" | "8774721" | "8780703" | "8792374" | "8792905" | "8805345" | "8810392" | "8837360" | "8838539").PN.				
S391	7	("6445694" | "6574328" | "6785266" | "7486664" | "7512117" | "7587036" | "7764777").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:09
S392	141	("20010052081" | "20020002041" | "20020018445" | "20020141352" | "20030012196" | "20030095539" | "20030179747" | "20030219103" | "20040034793" | "20040203565" | "20040203582" | "20050063519" | "20050188081" | "20050190892" | "20050202799" | "20050287979" | "20060007940" | "20060013266" | "20060030290" | "20060078094" | "20060142011" | "20060146797" | "20060189303" | "20060205383" | "20060248186" | "20060251056" | "20060268921" | "20060281437" | "20070047548" | "20070092070" | "20070115935" | "20070121593" | "20070174469" | "20070220038" | "20070253429" | "20070263609" | "20070297376" | "20080013523" | "20080056243" | "20080166999" | "20080167019" | "20080167020" | "20080167039" | "20080187122" | "20080188198" | "20080188227" | "20080205378" | "20080310599" | "20090003535" | "20090129566" | "20090135724" | "20090214000" | "20090268615" | "20090296900" | "20100008345" | "20100039946" | "20100105379" | "20100177671" | "20100246589" | "20100272242" | "20110013541" | "20110153809" | "20110176541" | "20110201321" | "20110267986" | "20120014383" | "20120113981" | "20120195415" | "20120250624" | "20120282881" | "20120314699" | "20130272297" | "20140101749" | "20140211789" | "5325421" | "6553025" | "6560224" | "6650641" | "6775534" | "6934279" | "6963739" | "6985440" | "6993015" | "7006508" | "7027564" | "7068668" | "7151772" | "7177399" | "7277528" | "7400881" | "7436835" | "7440442" | "7486667" | "7567131" | "7573982" | "7593390" | "7639792" | "7657011" | "7664495" | "7676215" | "7680114" | "7702308" | "7715821" | "7738384" | "7764944" | "7797459" | "7894441" | "7907551" | "7929955" | "7944909" | "7965645" | "7979529" | "7995589" |	US-PGPUB; USPAT	OR	ON	2017/08/21 13:10

		"8024785" | "8027333" | "8041022" | "8050273" | "8125982" | "8145182" | "8166533" | "8189568" | "8204044" | "8228897" | "8244204" | "8306063" | "8363647" | "8427981" | "8437340" | "8462915" | "8509225" | "8605714" | "8605869" | "8607323" | "8611354" | "8625578" | "8724643" | "8750290" | "8763081" | "8768951" | "8774171" | "8804705").PN.				
S393	14	("20050198499" | "20100150138" | "20100150328" | "20100172345" | "20110122827" | "20120170574" | "5719926" | "5722067" | "5915093" | "6029062" | "6249573" | "7454200" | "8630234" | "8675566").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:10
S394	137	("20020051518" | "20020116464" | "20020122391" | "20030200311" | "20030219103" | "20040022237" | "20040157629" | "20040165709" | "20040181599" | "20040202295" | "20040240439" | "20040255126" | "20050025043" | "20050083911" | "20050094651" | "20050169248" | "20050174937" | "20050177843" | "20060072547" | "20060072550" | "20060093135" | "20060111116" | "20060153342" | "20060160565" | "20060177035" | "20060209768" | "20060258328" | "20060264200" | "20070036143" | "20070112964" | "20070127676" | "20070253418" | "20080037715" | "20080056235" | "20080056302" | "20080063153" | "20090028146" | "20090135735" | "20090141883" | "20090292539" | "20090325558" | "20100086119" | "20100128729" | "20120099599" | "20120227101" | "20130114589" | "4916491" | "4992971" | "5146491" | "5247571" | "5303297" | "5359642" | "5425085" | "5440621" | "5454030" | "5469497" | "5506893" | "5519769" | "5559871" | "5590133" | "5608786" | "5621787" | "5633913" | "5661790" | "5712907" | "5724355" | "5726984" | "5737414" | "5751961" | "5793762" | "5799072" | "5802502" | "5825863" | "5828740" | "5838682" | "5845267" | "5850433" | "5864610" | "5867495" | "5883891" | "5889774" | "5905736" | "5907547" | "5910946" | "5915005" | "5923659" | "5930343" | "5937045" | "5940598" | "5953504" | "5956391" | "5970477" | "5974043" | "5991291" | "6005926" | "6014379" | "6021126" | "6052445" | "6058300" | "6069890" | "6073013" | "6078647" | "6104704" | "6104711" | "6115737" | "6128304" | "6137869" | "6141404" | "6151385" | "6188752" | "6282574" | "6298062" | "6351464" | "6359880" | "6430275" | "6507644" | "6597686" | "6674745" | "6724860" | "6744858" | "6766159" |	US-PGPUB; USPAT	OR	ON	2017/08/21 13:11

		"6798767" | "6819929" | "6954453" | "6963557" | "7046658" | "7055174" | "7068772" | "7079526" | "7120682" | "7212522" | "7454510" | "7950046" | "8116307" | "8422507" | "8537805" | "8542815").PN.				
S395	513	S382 S383 S384 S385 S386 S387 S388 S389 S390 S391 S392 S393 S394	US-PGPUB; USPAT	OR	ON	2017/08/21 13:11
S396	21	S395 AND ((receiv$3 or accept$3 or obtain$3 or recover$3 or retriev$3 or acquir$3 or acquisition) SAME (respons$3 or respond$3 or react$3 or feed$3back$3 or (feed$3 adj3 back) or behaviour or behavior reply$3 return$3 acknowledgment$1 answer$1) SAME (server$4 webserver$4 gate$1way system$4 proxy$4 computer) SAME (location$4 GPS position$4 origin$4 region$4 site coordinat$4) NEAR5 (ID identification key flag$4 tagg$4 badge$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2017/08/21 13:45
S397	12	S395 AND ((receiv$3 or accept$3 or obtain$3 or recover$3 or retriev$3 or acquir$3 or acquisition) SAME (respons$3 or respond$3 or react$3 or feed$3back$3 or (feed$3 adj3 back) or behaviour or behavior reply$3 return$3 acknowledgment$1 answer$1) SAME (server$4 webserver$4 gate$1way system$4 proxy$4 computer) SAME (location$4 GPS position$4 origin$4 region$4 site coordinat$4) NEAR5 (ID identification key flag$4 tagg$4 badge$4)) AND (@AD < "20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2017/08/21 13:45
S398	2	(US-20090017842-$ or US-20060109960-$).did.	US-PGPUB	OR	ON	2017/08/21 14:47
S399	2	S398 and (wifi wi$1fi wireless cellular)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/08/21 14:47
S401	11	"9179005"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/11/29 23:45
S402	2	(US-20090017842-$ or US-20060109960-$).did.	US-PGPUB	OR	ON	2017/11/30 01:18
S403	3	(US-20080056235-$ or US-20090017842-$ or US-20060109960-$).did.	US-PGPUB	OR	ON	2017/11/30 01:19
S404	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/11/30 01:40
S405	1	"14035806"	US-PGPUB;	OR	ON	2017/11/30

			USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB			13:29
S406	3	(US-20080056235-$ or US-20090017842-$ or US-20060109960-$).did.	US-PGPUB	OR	ON	2017/11/30 14:49
S407	1	S406 and (connect$4 join$4 link$4 fasten$4 connector$4 hitch$4) AND (IP internet$4 adj2 protocol$4) NEAR5 address$4	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2017/11/30 14:58
S408	1	S406 and (connect$4 join$4 link$4 fasten$4 connector$4 hitch$4) AND (IP internet$4 adj2 protocol$4) WITH address$4	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2017/11/30 14:59
S409	3	(US-20080056235-$ or US-20090017842-$ or US-20060109960-$).did.	US-PGPUB	OR	ON	2017/11/30 16:04
S410	3	S409 and (connect$4 join$4 link$4 fasten$4 connector$4 hitch$4) WITH (mobile user adj2 equipment UE mobile adj2 device)	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2017/11/30 16:04
S411	1	(US-20080056235-$).did.	US-PGPUB	OR	ON	2018/01/16 14:53
S412	29	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$ or US-20140016635-$ or US-20090017842-$ or US-20060109960-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2018/01/16 14:53
S413	0	S411 and (reply echo packet$4 frame$4 (data adj2 unit) ack acknowlegment$4 feeback$4 feed$1back$4 feed adj2 back$4) WITH (IP NEAR10 address$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/16 14:54
S414	0	S411 and (reply echo packet$4 frame$4 (data adj2 unit) ack acknowlegment$4 feeback$4 feed$1back$4 feed adj2 back$4 return$4 answer$4) WITH ((internet IP) NEAR10 address$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/16 14:56
S415	1	S411 and (reply echo packet$4	US-PGPUB;	OR	ON	2018/01/16

		frame$4 (data adj2 unit) ack acknowlegment$4 feeback$4 feed$1back$4 feed adj2 back$4 return$4 answer$4) SAME ((internet IP) NEAR10 address$4)	USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB			14:56
S416	11	S412 and (reply echo packet$4 frame$4 (data adj2 unit) ack acknowlegment$4 feeback$4 feed$1back$4 feed adj2 back$4 return$4 answer$4) SAME ((internet IP) NEAR10 address$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/16 15:33
S417	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/16 15:40
S418	29261	((H04W76/021 OR H04W76/025 OR H04W8/02).CPC.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/16 15:52
S419	56	S418 AND (IP NEAR5 address) WITH (location$4 gps$4 geographical$4) NEAR5 (ID identification$4 key$4 flag$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/16 15:55
S420	9	S418 AND (IP NEAR5 address) WITH (location$4 gps$4 geographical$4) NEAR5 (ID identification$4 key$4 flag$4) AND (@AD <"20090728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/16 15:56
S421	15	S418 AND (IP NEAR5 address) WITH (location$4 gps$4 geographical$4) NEAR5 (ID identification$4 key$4 flag$4) AND ((@ad OR @pd OR @rlad OR @prad OR @ptad)<"20090728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/16 15:56
S422	29	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$ or US-20140016635-$ or US-20090017842-$ or US-20060109960-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2018/01/24 19:29
S423	0	S422 and (replay$4 echo adj2 back$4)	US-PGPUB;	OR	ON	2018/01/24

		WITH(ip near5 address$4)	USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB			19:30
S424	0	S422 and (replay$4 echo adj2 back$4) WITH (ip near5 address$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/24 19:30
S425	14	S422 and (ip near5 address$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/24 19:30
S426	5	S422 and (ip near5 address$4) and (SMS)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/24 19:39
S427	5	"13056277"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/25 13:28
S428	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/06/27 22:33
S429	268665	(370/310-338,395.$.ccls. "709".clas. "455".clas.) and (@ad < "20080728" @rlad < "20080728")	US-PGPUB; USPAT	OR	ON	2018/06/27 22:34
S430	1	S429 and ((access adj code) same (channel adj (identifier ID identification) same request))	US-PGPUB; USPAT	OR	ON	2018/06/27 22:34
S431	28075	((H04W76/11 OR H04W76/15 OR H04W8/02).CPC.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/06/27 22:34
S432	541465	("370".clas. "709".clas. "455".clas.) and (@ad < "20080728" @rlad < "20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/06/27 22:34
S433	12	S432 and ((initiat$4 adj2 call) same (access adj2 code) and (channel ID) and ((non$voice data) adj2 network$5) and (indentifier ID indentification))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/06/27 22:34
S434	400071	("370".clas. "709".clas. "455".clas.) and	US-PGPUB;	OR	ON	2018/06/27

		(@ad <"20080728" @rlad <"20080728")	USPAT			22:34
S435	8	S434 and ((access adj code) same (channel with (ID identification)) same request)	US-PGPUB; USPAT	OR	ON	2018/06/27 22:34
S436	16903	((H04W76/021 OR H04W76/025 OR H04W8/02).CPC.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/06/27 22:35
S437	13	S436 AND (IP NEAR5 address) WITH (location$4 gps$4 geographical$4) NEAR5 (ID identification$4 key$4 flag$4) AND ((@ad OR @pd OR @rlad OR @ prad OR @ptad)<"20090728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/06/27 22:35
S438	7	S436 AND (IP NEAR5 address) WITH (location$4 gps$4 geographical$4) NEAR5 (ID identification$4 key$4 flag$4) AND (@AD <"20090728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/06/27 22:35
S439	13	S436 AND (IP NEAR5 address) WITH (location$4 gps$4 geographical$4) NEAR5 (ID identification$4 key$4 flag$4) AND ((@ad OR @pd OR @rlad OR @ prad OR @ptad)<"20090728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/06/27 22:35
S440	6917	H04W8/02.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2018/06/27 22:36
S441	4410	H04W76/025.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/06/27 22:36
S442	4889	H04W76/021.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/06/27 22:36
S443	44	(S440 S441 S442) AND (plac$3 SAME (wireless mobile cellular) SAME (voice adj2 over adj2 internet VOIP) same call$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/06/27 22:36
S444	0	((("BjÃ¶rsell") near3 ("Johan") near3 ("Emil") near3 ("Viktor"))).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2018/06/27 22:36
S445	15	((("Sobolyev") near3 ("Maksym"))).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2018/06/27 22:37
S446	8	((("Huttunen") near3 ("Pentti") near3 ("Kalevi"))).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2018/06/27 22:37

S447	4	((("Malak") near3 ("Emil"))).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2018/06/27 22:37
S448	8	((("VOIP-PAL.COM") near3 ("INC"))).AS,AANM.	USPAT	OR	OFF	2018/06/27 22:37
S449	14	(("VOIP-PAL.COM")).AS,AANM.	US-PGPUB; USPAT	OR	OFF	2018/06/27 22:38
S450	21	(digifonica).as.	US-PGPUB; USPAT	OR	ON	2018/06/27 22:38
S451	0	(S444 S445 S446 S447 S448 S449 S450) AND (IP NEAR2 addess$4 AND access ADJ2 code$3 AND (ID identification key location geographical) AND gateway).clm.	US-PGPUB; USPAT	OR	ON	2018/06/27 22:41
S452	29	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$ or US-20140016635-$ or US-20090017842-$ or US-20060109960-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2018/06/27 23:10
S453	13	S452 and (location$4 geographical$4) WITH (ID key$4 identificat$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/06/27 23:11
S454	6	S452 and (location$4 geographical$4) WITH (ID key$4 identificat$4) AND (access$4 NEAR5 code$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/06/27 23:11
S455	2	S452 and (location$4 geographical$4) WITH (ID key$4 identificat$4) AND (access$4 NEAR5 code$4) AND (IP near5 address$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/06/27 23:12
S456	1	14/035806.app.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/07 22:12
S457	29	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-	US-PGPUB; USPAT; DERWENT	OR	ON	2018/08/07 22:33

		20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$ or US-20140016635-$ or US-20090017842-$ or US-20060109960-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.				
S458	7	S457 and ((location$4 gps station$4 office$4 site$4 place places position latitude$4 coordinat$4) WITH (destination$4 deliver$4 receiver$4) WITH (ID identificat$4 key flag$4 PIN code$4 tag$4 password$4)) AND (@AD <"201080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/07 22:37
S459	6	S457 and ((location$4 gps station$4 office$4 site$4 place places position latitude$4 coordinat$4) WITH (destination$4 deliver$4 receiver$4) WITH (ID identificat$4 key flag$4 PIN code$4 tag$4 password$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/07 22:38
S460	6	S457 and ((location$4 gps station$4 office$4 site$4 place places position latitude$4 coordinat$4) WITH (destination$4 deliver$4 receiver$4) WITH (ID identificat$4 key flag$4 PIN code$4 tag$4 password$4) SAME (server$4 proxy$4 gatewary$4 computer$4 process$4 processor$4 fileserver$4 webserver$4 systerm$4 timeserver$4 cloud$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/07 22:40
S461	4	(US-20080056235-$ or US-20080160953-$ or US-20090017842-$ or US-20060109960-$).did.	US-PGPUB	OR	ON	2018/08/07 22:42
S462	0	S461 and ((desination$4 WITH connect$4 with channel$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/07 22:43
S463	0	S461 and ((desination$4 SAME connect$4 SAME channel$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/07 22:44
S464	0	S461 and ((desination$4 AND connect$4 SAME channel$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/07 22:44

S465	1	S461 and ((destination$4 AND connect$4 SAME channel$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/07 22:44
S466	23710	((location$4 gps station$4 office$4 site$4 place places position latitude$4 coordinat$4) WITH (destination$4 deliver$4 receiver$4) WITH (ID identificat$4 key flag$4 PIN code$4 tag$4 password$4) SAME (server$4 proxy$4 gatewary$4 computer$4 process$4 processor$4 fileserver$4 webserver$4 systerm$4 timeserver$4 cloud$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2018/08/07 22:55
S467	33	((request$4 packet$4 frame$4 data adj3 unit demand$4 query$4 seek$4) WITH (location$4 gps station$4 office$4 site$4 place places position latitude$4 coordinat$4) WITH (destination$4 deliver$4 receiver$4) WITH (ID identificat$4 key flag$4 PIN code$4 tag$4 password$4) WITH (server$4 proxy$4 gatewary$4 computer$4 process$4 processor$4 fileserver$4 webserver$4 systerm$4 timeserver$4 cloud$4) WITH reply$4) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2018/08/07 22:57
S468	31	((request$4 packet$4 frame$4 data adj3 unit demand$4 query$4 seek$4) WITH (location$4 gps station$4 office$4 site$4 position latitude$4 coordinat$4) WITH (destination$4 deliver$4 receiver$4) WITH (ID identificat$4 key flag$4 PIN code$4 tag$4 password$4) WITH (server$4 proxy$4 gatewary$4 computer$4 process$4 processor$4 fileserver$4 webserver$4 systerm$4 timeserver$4 cloud$4) WITH reply$4) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2018/08/07 23:09
S469	29	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$ or US-20140016635-$ or US-20090017842-$ or US-20060109960-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2018/08/08 11:58
S470	6	S469 and ((location$4 gps station$4	US-PGPUB;	OR	ON	2018/08/08

		office$4 site$4 place places position latitude$4 coordinat$4) WITH (destination$4 deliver$4 receiver$4) WITH (ID identificat$4 key flag$4 PIN code$4 tag$4 password$4) SAME (server$4 proxy$4 gateway$4 computer$4 process$4 processor$4 fileserver$4 webserver$4 systerm$4 timeserver$4 cloud$4)) AND (@AD <"20080728")	USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB			11:58
S471	29	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$ or US-20140016635-$ or US-20090017842-$ or US-20060109960-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2018/08/09 10:45
S472	6	S471 and ((location$4 gps station$4 office$4 site$4 place places position latitude$4 coordinat$4) WITH (destination$4 deliver$4 receiver$4) WITH (ID identificat$4 key flag$4 PIN code$4 tag$4 password$4) SAME (server$4 proxy$4 gateway$4 computer$4 process$4 processor$4 fileserver$4 webserver$4 systerm$4 timeserver$4 cloud$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/09 10:45
S473	1	(US-20030114145-$).did.	US-PGPUB	OR	ON	2018/08/09 10:47
S478	1	S473 and (gps location$4 geograph$4) and server$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/09 10:49
S479	0	S473 and (gps location$4 geograph$4) and server$4 and reply$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/09 10:49
S480	1	S473 and (gps location$4 geograph$4) and server$4 and (reply$4 request$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/09 10:49
S481	2	(US-20080056235-$ or US-20030114145-$).did.	US-PGPUB	OR	ON	2018/08/13 15:27

S482	1	S481 and (reply$4 echo$4 feedback$4 ack acknowledg$4) SAME (location$4 gps geograph$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/13 15:32
S483	1	S481 and (reply$4 echo$4 feedback$4 ack acknowledg$4) AND (location$4 gps geograph$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/13 15:32
S484	1	S481 and (reply$4 echo$4 feedback$4 ack acknowledg$4) AND (location$4 gps geograph$6)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/13 15:33
S486	1	S481 AND (reply$4 echo$4 feedback$4 ack acknowledg$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/13 15:35
S487	2	S481 AND (reply$4 echo$4 feedback$4 ack acknowledg$4 messag$4 packet$4 data adj2 unit$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/13 15:35
S488	2	(US-20080056235-$ or US-20030114145-$).did.	US-PGPUB	OR	ON	2018/12/18 12:05
S492	1	14/035806.app.	US-PGPUB	OR	ON	2018/12/18 12:22
S493	1	S488 and (wireless$4 and VOIP)	US-PGPUB	OR	ON	2018/12/18 12:23
S494	2	S488 and (wireless$4 and location$4)	US-PGPUB	OR	ON	2018/12/18 12:23
S495	2	S488 and (wireless$4 and (location$4 gps))	US-PGPUB	OR	ON	2018/12/18 12:23
S496	2	S488 and (wireless$4 and (location$4 gps) and (id identification key flag))	US-PGPUB	OR	ON	2018/12/18 12:23
S498	9	"41610774".FMID.	US-PGPUB; USPAT; FPRS	OR	ON	2019/06/10 02:55
S499	0	((("BjÃ¶rsell") near3 ("Johan") near3 ("Emil") near3 ("Viktor"))).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2019/06/10 03:00
S500	16	((("Sobolyev") near3 ("Maksym"))).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2019/06/10 03:00
S501	10	((("Huttunen") near3 ("Pentti") near3 ("Kalevi"))).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2019/06/10 03:00
S502	4	((("Malak") near3 ("Emil"))).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2019/06/10 03:00
S503	11	((("VOIP-PAL.COM") near3	USPAT	OR	OFF	2019/06/10

		("INC"))).AS,AANM.				03:00
S504	19	(("VOIP-PAL.COM")).AS,AANM.	US-PGPUB; USPAT	OR	OFF	2019/06/10 03:00
S505	21	(digifonica).as.	US-PGPUB; USPAT	OR	ON	2019/06/10 03:00
S506	0	(S499 S500 S501 S502 S503 S504 S505) AND (IP NEAR2 addess$4 AND access ADJ2 code$3 AND (ID identification key location geographical) AND gateway).clm.	US-PGPUB; USPAT	OR	ON	2019/06/10 03:00
S507	29	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$ or US-20140016635-$ or US-20090017842-$ or US-20060109960-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2019/06/10 03:00
S508	2	S507 and (location$4 geographical$4) WITH (ID key$4 identificat$4) AND (access$4 NEAR5 code$4) AND (IP near5 address$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2019/06/10 03:00
S509	39324	((H04W76/11 OR H04W76/15 OR H04W8/02).CPC.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/06/10 03:00
S510	555	S509 and (location$4 geographical$4) WITH (ID key$4 identificat$4) AND (access$4 NEAR5 code$4) AND (IP near5 address$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2019/06/10 03:00
S511	0	S510 and (location$4 geographical$4) WITH (ID key$4 identificat$4) SAME (access$4 NEAR5 code$4) SAME (IP near5 address$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2019/06/10 03:01

6/10/2019 2:15:14 PM
C:\Users\mrahman6\Documents\EAST\Workspaces\14035806_10098_MOBILE GATEWAY_DigifonicaInternational.wsp

PTO/SB/08 Equivalent

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	14/035,806
	Filing Date	September 24, 2013
	First Named Inventor	Björsell, Johan Emil Viktor
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	Rahman, M. Mostazir
SHEET 1 OF 1	Attorney Docket No.	DIGIF.004C1

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number *Number - Kind Code (if known)* Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document *Country Code-Number-Kind Code* Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T[1]

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[1]
	1	Canadian Office Action dated August 16, 2016 for Canadian Patent Application No. 2,681,984.	
	2	European Examination Report dated August 29, 2016 for European Patent Application No. EP 07 855 436.7.	
	3	Communication under Rule 71(3) EPC - Intention to Grant - dated October 14, 2016 for European Patent Application No. EP 07 816 106.4.	

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101916

Examiner Signature	/M Mostazir Rahman/	Date Considered	06/10/2019

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /M.R./

T[1] - Place a check mark in this area when an English language Translation is attached.

META 1002
META V. VOIP-PAL

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Cc: PAIR_eOfficeAction@uspto.gov
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Application	Document	Mailroom Date	Attorney Docket No.
14035806	CTFR	08/22/2019	4278-004.PCT.US.CON1
	892	08/22/2019	4278-004.PCT.US.CON1
	1449	08/22/2019	4278-004.PCT.US.CON1
	1449	08/22/2019	4278-004.PCT.US.CON1
	1449	08/22/2019	4278-004.PCT.US.CON1

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PATENT APPLICATION INFORMATION RETRIEVAL SYSTEM

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REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL
(Submitted Only via EFS-Web)

Application Number	14/035,806	Filing Date	2013-09-24	Docket Number (if applicable)	4278-004.PCT.US.CON1	Art Unit	2411
First Named Inventor	Johan Emil Viktor Björseii			Examiner Name	M. Mostazir Rahman		

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. The Instruction Sheet for this form is located at WWW.USPTO.GOV

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).

☐ 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.

- ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____
- ☐ Other _____

☒ Enclosed

- ☒ Amendment/Reply
- ☐ Information Disclosure Statement (IDS)
- ☐ Affidavit(s)/ Declaration(s)
- ☐ Other _____

MISCELLANEOUS

☐ 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)

☐ Other _____

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 any underpayment of fees, or credit any overpayments, to Deposit Account No 200100

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

☒ Patent Practitioner Signature

☐ Applicant Signature

PTO/SB/30EFS (03-09)
Approved for use through 04/30/2009. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Signature of Registered U.S. Patent Practitioner			
Signature	/Sean F. Parmenter/	Date (YYYY-MM-DD)	2020-02-24
Name	Sean F. Parmenter	Registration Number	45357

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.

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

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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.

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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.

Electronic Patent Application Fee Transmittal

Application Number:	14035806
Filing Date:	24-Sep-2013
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Filer:	Sean Franklin Parmenter/Jenny Morison
Attorney Docket Number:	4278-004.PCT.US.CON1

Filed as Small Entity

Filing Fees for Utility under 35 USC 111(a)

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($)
Extension - 3 months with $0 paid	2253	1	700	700
Miscellaneous:				
RCE- 2ND AND SUBSEQUENT REQUEST	2820	1	950	950
		Total in USD ($)		**1650**

Electronic Acknowledgement Receipt

EFS ID:	38677583
Application Number:	14035806
International Application Number:	
Confirmation Number:	5562
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Customer Number:	20551
Filer:	Sean Franklin Parmenter/Jenny Morison
Filer Authorized By:	Sean Franklin Parmenter
Attorney Docket Number:	4278-004.PCT.US.CON1
Receipt Date:	24-FEB-2020
Filing Date:	24-SEP-2013
Time Stamp:	22:35:36
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	$1650
RAM confirmation Number	E20202NM36432240
Deposit Account	
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:	

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Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		FinalOAResponse.pdf	419684 6fad266434181bc9f4aaa59fb103ba2831d85238	yes	36

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Amendment Submitted/Entered with Filing of CPA/RCE	1	1
	Claims	2	26
	Applicant Arguments/Remarks Made in an Amendment	27	36

Warnings:

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2	Request for Continued Examination (RCE)	RCETransmittal.pdf	79850 623493f9717f056a8701a875fd5126744c0da2de	no	3

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3	Fee Worksheet (SB06)	fee-info.pdf	32723 0e1fafd5c454716eb70dca5facd26a538187ffdb	no	2

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IN THE UNITED STATES PATENT & TRADEMARK OFFICE

ART UNIT: 2411 EXAMINER: M. Mostazir Rahman FIRST NAMED INVENTOR: Johan Emil Viktor Björsell SERIAL NO.: 14/035,806 FILED: 9/24/2013 CONF. NO.: 5562 FOR: MOBILE GATEWAY DOCKET NO.: 4278-004.PCT.US.CON1	**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8** DATE OF DEPOSIT: February 24, 2020 I hereby certify that this paper or fee (along with any paper or fee referred to as being attached or enclosed) is being submitted on the date indicated above via: ☒ EFS Web ☐ facsimile to _____ ☐ the United States Postal Service with sufficient postage as first class mail addressed to: Mail Stop _____, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. /Sean F. Parmenter/ Sean F. Parmenter

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AMENDMENT / RESPONSE

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

Dear Sir:

In reply to the Final Office Action dated August 22, 2019, Applicant presents the following amendments and remarks.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Summary of Interview begins on page 27 of this paper.

Remarks begin on page 28 of this paper

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS

AMENDMENTS TO THE CLAIMS

1. (Previously Presented) A method of establishing communications between a wireless device and a destination node of a communications network, the method comprising:

receiving from a user of the wireless device a destination node identifier associated with the destination node;

transmitting an access code request message to an access server, the access code request message including the destination node identifier and a location identifier identifying a geographical location of the wireless device;

receiving an access code reply message from the access server in response to the access code request message, the access code reply message including an access code based on the location identifier in the access code request message, the access code identifying a communications channel on a gateway through which communications between the wireless device and the destination node can be conducted, the access code being distinct from the destination node identifier; and

in response to receiving the access code reply message, causing the wireless device to use the access code received in the access code reply message to initiate communications from the wireless device to the destination node through the channel identified by the access code, wherein the access code is based on the location identifier transmitted in the access code request message and enables the communications to be established from the wireless device to the destination node through the channel on the gateway identified by the access code.

2. (Original) The method of claim 1, wherein transmitting comprises transmitting the access code request message to the access server on a non-voice network.

3. (Original) The method of claim 1, wherein transmitting comprises transmitting the access code request message as a Short Messaging Service (SMS) message.

4. (Original) The method of claim 1, wherein transmitting comprises transmitting the access code request message on a voice network.

5. (Original) The method of claim 4, wherein transmitting the access code request message on a voice network comprises transmitting the access code request message as a Short Messaging Service (SMS) message.

6. (Original) The method of claim 1, wherein the location identifier comprises an Internet Protocol (IP) address of the wireless device in a wireless Internet Protocol (IP) network.

7. (Original) The method of claim 1, wherein the location identifier comprises an identifier of a wireless voice signal station in wireless communication with the wireless device.

8. (Original) The method of claim 1, wherein the location identifier comprises a user-configured identifier of a location associated with the wireless device.

9. (Original) The method of claim 1, wherein receiving the access code reply message comprises receiving the access code reply message from the access server on a non-voice network.

10. (Original) The method of claim 1, wherein receiving the access code reply message comprises receiving the access code reply message as a Short Messaging Service (SMS) message.

11. (Original) The method of claim 1, wherein receiving comprises receiving the access code reply message on a voice network.

12. (Original) The method of claim 11, wherein receiving the access code reply message on a voice network comprises receiving the access code reply message as a Short Messaging Service (SMS) message.

13. (Original) The method of claim 1, wherein receiving the access code reply message comprises receiving, in the access code reply message, an access code temporarily associated with the destination node identifier.

14. (Original) The method of claim 1, wherein receiving the access code reply message comprises receiving, in the access code reply message, a telephone number or an Internet Protocol (IP) address.

15. (Original) The method of claim 14, wherein establishing communications between the wireless device and the destination node comprises engaging a routing controller to route the call on a public switched telephone network (PSTN) or an IP network to the destination node.

16. (Original) The method of claim 1 further comprising:

receiving at the access server, the access code request message from the wireless device;

causing the access server to communicate with a routing controller to obtain from the routing controller the access code, wherein the access code identifies a communications channel associated with the location identifier and wherein the access code is useable by the wireless device in a subsequent communication to cause the routing controller to establish a call to the destination node using the communications channel; and

causing the access server to transmit the access code reply message to the wireless device.

17. (Original) The method of claim 16, wherein transmitting the access code reply message comprises transmitting the access code reply message as a Short Messaging Service (SMS) message.

18. (Original) The method of claim 16, wherein transmitting the access code reply message comprises transmitting the access code reply message on a voice network.

19. (Original) The method of claim 18, wherein transmitting the access code reply message on a voice network comprises transmitting the access code request message as a Short Messaging Service (SMS) message.

20. (Previously Presented) A wireless apparatus comprising:

means for receiving from a user of the wireless apparatus a destination node identifier associated with a destination node with which the user wishes to communicate;

means for transmitting an access code request message to an access server, the access code request message including the destination node identifier and a location identifier identifying a geographical location of the wireless apparatus;

means for receiving an access code reply message from the access server in response to the access code request message, the access code reply message including an access code based on the location identifier in the access code request message, the access code identifying a communications channel on a gateway through which communications between the wireless apparatus and the destination node can be conducted, the access code being distinct from the destination node identifier; and

means for causing the wireless apparatus to establish communications with the destination node through the communications channel identified by the access code in the access code reply message, the access code being based on the location identifier transmitted in the access code request message.

21. (Previously presented) The apparatus of claim 20, wherein the means for transmitting comprises a non-voice network interface for transmitting the access code request message to the access server on a non-voice network.

22. (Original) The apparatus of claim 20, wherein the means for transmitting includes means for transmitting the access code request message as a Short Messaging Service (SMS) message.

23. (Original) The apparatus of claim 20, wherein the means for transmitting comprises means for transmitting the access code request message on a voice network.

24. (Original) The apparatus of claim 23, wherein the means for transmitting the access code request message on a voice network comprises means for transmitting the access code request message as a Short Messaging Service (SMS) message.

25. (Original) The apparatus of claim 20, wherein the location identifier comprises an Internet Protocol (IP) address of the wireless apparatus in a wireless IP network.

26. (Original) The apparatus of claim 20, wherein the location identifier comprises an identifier of a wireless voice signal station in wireless communication with the wireless apparatus.

27. (Original) The apparatus of claim 20, wherein the location identifier comprises a user-configured identifier of a location associated with the wireless apparatus.

28. (Original) The apparatus of claim 20, wherein the means for receiving an access code reply message comprises a non-voice network interface for receiving the access code reply message on a non-voice network.

29. (Original) The apparatus of claim 20, wherein the means for receiving the access code request message comprises means for receiving the access code request message as a Short Messaging Service (SMS) message.

30. (Currently Amended) The apparatus of claim 20, wherein the means for receiving the access code request message comprises means for receiving the access code request message on a voice network.

31. (Original) The apparatus of claim 30, wherein the means for receiving the access code request message on a voice network comprises means for receiving the access code request message as a Short Messaging Service (SMS) message.

32. (Original) The apparatus of claim 20, wherein the access code includes a telephone number or an IP address.

33. (Currently Amended) The wireless apparatus of claim 20, wherein the means for causing the wireless apparatus to establish~~establishing~~ communications comprises a mobile telephone network interface.

34. (Previously presented) A system for enabling roaming by a wireless apparatus, the system comprising the wireless apparatus of claim 20 and further comprising:

a routing controller;

the access server, wherein the access server comprises:

means for receiving from the wireless apparatus the access code request message;

means for communicating with the routing controller to obtain from the routing controller the access code wherein the access code identifies a communications channel associated with the location identifier and wherein the access code is useable by the wireless apparatus to cause the routing controller to establish a call to the destination node using the communications channel; and

means for transmitting the access code reply message including the access code to the wireless apparatus.

35. (Original) The system of claim 34, wherein the means for transmitting the access code reply message comprises means for transmitting the access code reply message as a Short Messaging Service (SMS) message.

36. (Original) The system of claim 34, wherein the means for transmitting the access code reply message comprises means for transmitting the access code reply message on a voice network.

37. (Original) The system of claim 36, wherein the means for transmitting the access code reply message on a voice network comprises means for transmitting the access code request message as a Short Messaging Service (SMS) message.

38. (Previously Presented) A wireless apparatus comprising:

a processor circuit comprising at least one processor;

a network interface in communication with the processor circuit; and

a non-transitory computer readable medium having computer executable codes stored thereon for directing the processor circuit to:

receive from a user of the wireless apparatus a destination node identifier associated with a destination node with which the user wishes to communicate;

transmit an access code request message to an access server, the access code request message including the destination node identifier and a location identifier identifying a geographical location of the wireless apparatus;

receive an access code reply message from the access server in response to the access code request message, the access code reply message including an access code based on the location identifier in the access code request message, the access code identifying a communications channel on a gateway through which communications between the wireless apparatus and the destination node can be conducted, the access code being distinct from the destination node identifier; and

initiate communications from the wireless apparatus, via the network interface, using the access code based on the location identifier, to establish communications between the wireless apparatus and the destination node through the communications channel identified by the access code.

39. (Original) The apparatus of claim 38, wherein the network interface comprises a non-voice network interface, and wherein the codes for directing the processor circuit to cause the access code request message to be transmitted include codes for directing the processor circuit to cause the access code request message to be transmitted to the access server using the non-voice network interface on a non-voice network.

40. (Original) The apparatus of claim 38, wherein the codes for directing the processor circuit to cause an access code to be transmitted to the access code server include codes for directing the processor circuit to cause the access code request message to be transmitted as a Short Messaging Service (SMS) message.

41. (Original) The apparatus of claim 38, wherein the network interface comprises a voice network interface and wherein the codes for directing the processor circuit to cause an access code to be transmitted to the access code server include codes for directing the processor circuit to cause the access code request message to be transmitted on a voice network.

42. (Original) The apparatus of claim 41, wherein the codes for directing the processor circuit to cause an access code to be transmitted to the access code server include codes for directing the processor circuit to cause the access code request message to be transmitted as a Short Messaging Service (SMS) message on the voice network.

43. (Original) The wireless apparatus of claim 38, wherein the location identifier comprises an Internet Protocol (IP) address of the wireless apparatus in a wireless IP network.

44. (Original) The wireless apparatus of claim 38, wherein the location identifier comprises an identifier of a wireless voice signal station in wireless communication with the wireless apparatus.

45. (Original) The wireless apparatus of claim 38, wherein the location identifier comprises a user-configured identifier of a location associated with the wireless apparatus.

46. (Original) The wireless apparatus of claim 38, wherein the network interface comprises a non-voice network interface, and wherein the codes for directing the processor circuit to receive an access code reply message include codes for directing the processor circuit to cause the access code reply message to be received from the access server using the non-voice network interface on a non-voice network.

47. (Original) The wireless apparatus of claim 38, wherein the access code includes a telephone number or an IP address.

48. (Previously presented) The wireless apparatus of claim 38, wherein the network interface comprises a mobile telephone network interface, and wherein the codes for directing the

processor circuit to establish communications between the wireless apparatus and the destination node to include codes for directing the processor circuit to cause a call to be initiated using the mobile telephone network interface on a mobile telephone network.

49. (Original) A system for enabling roaming by a wireless apparatus, the system comprising the wireless apparatus of claim 38 and further comprising:

a routing controller; and

an access server comprising a processor circuit and a computer readable medium in communication with the processor circuit, the computer readable medium encoded with codes for directing the processor circuit of the access server to:

receive the access code request message from the wireless apparatus;

communicate with the routing controller to obtain from the routing controller the access code wherein the access code identifies a communications channel associated with the location identifier and wherein the access code is useable by the wireless apparatus to cause the routing controller to establish a call to the destination node using the communications channel; and

transmit the access code reply message to the wireless apparatus.

50. (Previously Presented) A non-transitory computer readable medium having stored thereon computer executable codes for directing a processor circuit of a wireless device to establish communications with a destination node on a network, the codes comprising codes for directing the processor circuit to:

cause the wireless device to receive from a user of the wireless device a destination node identifier associated with the destination node;

cause the wireless device to transmit an access code request message to an access server, the access code request message including the destination node identifier and a location identifier identifying a geographical location of the wireless device;

cause the wireless device to receive an access code reply message comprising an access code identifying an Internet Protocol (IP) address based on the location identifier in the access code request message, the access code representing a communications channel of a

network element in the network through which communications between the wireless device and the destination node can be conducted, the communications channel being associated with the geographical location of the wireless device, the access code being distinct from the destination node identifier; and

cause the wireless device to use the access code comprising the Internet Protocol (IP) address based on the location identifier to establish communications between the wireless device and the destination node through the communications channel of the network element identified by the access code.

51. (Previously Presented) A method for enabling a wireless device to establish communications with a destination node, the method comprising:

receiving from the wireless device an access code request message including a destination node identifier associated with the destination node and a location identifier identifying a geographical location of the wireless device;

in response to receiving the access code request message, causing a routing controller to produce an access code identifying a communications channel on a gateway through which communications between the wireless device and the destination node can be conducted, the access code being based on the location identifier of the access code request message received from the wireless device, wherein the access code is useable by the wireless device to initiate communications with the destination node through the communications channel; and

transmitting, to the wireless device, an access code reply message including the access code based on the location identifier, to cause the wireless device to use the access code to initiate communications with the destination node through the communications channel.

52. (Original) The method of claim 51, wherein receiving comprises receiving the access code request message on a non-voice network.

53. (Original) The method of claim 51, wherein receiving the access code request message comprises receiving the access code request message as a Short Messaging Service (SMS) message.

54. (Original) The method of claim 51, wherein receiving comprises receiving the access code request message on a voice network.

55. (Original) The method of claim 54, wherein receiving the access code request message on a voice network comprises receiving the access code request message as a Short Messaging Service (SMS) message.

56. (Original) The method of claim 51, wherein the routing controller is operably configured to route a call between the wireless device and the destination node when the wireless device uses the access code to establish communications between the wireless device and the destination node.

57. (Original) The method of claim 51, wherein causing the routing controller to produce the access code comprises causing the access code to be selected from a pool of access codes.

58. (Original) The method of claim 57 further comprising determining from the location identifier a local calling area associated with the wireless device and causing the access server to select an access code associated with a calling area matching the local calling area associated with the wireless device.

59. (Original) The method of claim 57, further comprising accessing a location field of a dialing profile associated with the wireless device when a local calling area cannot be determined from the location identifier and determining a local calling area associated with the wireless device from the contents of the location field and selecting an access code associated with a calling area matching the local calling area associated with the wireless device.

60. (Original) The method of claim 51, wherein the location identifier comprises an Internet Protocol (IP) address of the wireless device in a wireless IP network.

61. (Original) The method of claim 51, wherein the location identifier comprises an identifier of a wireless voice signal station in wireless communication with the wireless device.

62. (Original) The method of claim 51, wherein the location identifier comprises a user-configured identifier of a location associated with the wireless device.

63. (Original) The method of claim 57, wherein at least one of the access codes in the pool of access codes identifies an IP network address as a possible communications channel through which the communications can be conducted.

64. (Previously presented) The method of claim 51, wherein the access code identifies an IP network address as a possible communications channel through which the communications can be conducted, the method further comprising enabling communications between the wireless device and the destination node to be established through an IP network in response to a call received at the IP network address from the wireless device using the access code identifying the IP network address.

65. (Original) The method of claim 57, wherein at least one of the access codes identifies a telephone number as a possible communications channel through which the communications can be conducted.

66. (Original) The method of claim 65, further comprising enabling communications between the wireless device and the destination node to be established through a public switched telephone network (PSTN) in response to a call received at the telephone number from the wireless device using the access code identifying the telephone number.

67. (Original) The method of claim 51, wherein the access code request message includes a caller identifier and wherein the method further comprises associating the caller identifier included in the access code request message with the access code produced by the routing controller.

68. (Original) The method of claim 64, further comprising enabling the routing controller to facilitate communications in response to use of the access code by the wireless device

only if the caller identifier associated with the access code used by the wireless device to establish communications with the destination node identifies the wireless device.

69. (Original) The method of claim 67, further comprising associating the destination node identifier included in the access code request message with the access code produced by the routing controller.

70. (Original) The method of claim 69, wherein the associating the caller identifier and the destination node identifier with the selected access code occurs only when:

a) the access code is not already associated with a destination node identifier; or

b) the access code is already associated with another destination node identifier, and a timeout value associated with the another destination node identifier has expired.

71. (Original) The method of claim 51, further comprising causing a timestamp to be associated with the access code, for use in determining when the usability of the access code to initiate a call to the destination node will expire, and causing the timestamp to be included in the access code reply message transmitted to the wireless device.

72. (Original) The method of claim 70, further comprising causing communications to be permitted between the wireless device and the destination node when the wireless device seeks to establish a call to the destination node using the access code transmitted in the access code reply message when the timestamp associated with the access code indicates the usability of the access code has not expired, and causing the communications to be prevented when the timestamp indicates the usability of the access code has expired.

73. (Original) The method of claim 51, wherein transmitting comprises transmitting the access code reply message on a non-voice network.

74. (Original) The method of claim 51, wherein transmitting the access code reply message comprises transmitting the access code reply message as a Short Messaging Service (SMS) message.

75. (Original) The method of claim 51, wherein transmitting comprises transmitting the access code reply message on a voice network.

76. (Original) The method of claim 75, wherein transmitting the access code reply message on a voice network comprises transmitting the access code reply message as a Short Messaging Service (SMS) message.

77. (Previously Presented) An apparatus for enabling a wireless device to establish communications with a destination node, the apparatus comprising:

means for receiving from the wireless device an access code request message including a destination node identifier associated with the destination node and a location identifier identifying a geographical location of the wireless device;

means for causing a routing controller to produce an access code identifying a communications channel on a gateway through which communications between the wireless device and the destination node can be conducted, in response to receiving the access code request message, such that the access code is produced based on the location identifier of the access code request message received from the wireless device and such that the access code is useable by the wireless device to initiate communications with the destination node through the communications channel; and

means for transmitting an access code reply message including the access code to the wireless device, wherein the access code in the access code reply message is based on the location identifier and is used by the wireless device to initiate communications with the destination node through the communication channel on the gateway.

78. (Original) The apparatus of claim 77, wherein the means for receiving comprises a non-voice network interface for receiving the access code request message on a non-voice network.

79. (Original) The apparatus of claim 77, wherein the means for receiving the access code request message comprises means for receiving the access code request message as a Short Messaging Service (SMS) message.

80. (Original) The apparatus of claim 77, wherein the means for receiving comprises means for receiving the access code request message on a voice network.

81. (Original) The apparatus of claim 80, wherein the means for receiving the access code request message on a voice network comprises means for receiving the access code request message as a Short Messaging Service (SMS) message.

82. (Original) The apparatus of claim 77, further comprising the routing controller and wherein routing controller is operably configured to route a call between the wireless device and the destination node.

83. (Original) The apparatus of claim 82, wherein the routing controller is operably configured to select the access code from a pool of access codes.

84. (Original) The apparatus of claim 83, wherein the routing controller is operably configured to determine a local calling area associated with the wireless device from the location identifier and to select an access code associated with a calling area matching the local calling area associated with the wireless device.

85. (Original) The apparatus of claim 83, further comprising:

a dialing profile associated with the wireless device, the dialing profile including a location field; and

wherein the routing controller is operably configured to determine a local calling area associated with the wireless device from the contents of the location field and to select an access code associated with a calling area matching the local calling area associated with the wireless device, when a local calling area associated with the wireless device cannot be determined from the location identifier.

86. (Original) The apparatus of claim 77, wherein the location identifier includes an Internet Protocol (IP) address of the wireless device in a wireless IP network.

87. (Original) The apparatus of claim 77, wherein the location identifier includes an identifier of a wireless voice signal station in wireless communication with the wireless device.

88. (Original) The apparatus of claim 77, wherein the location identifier includes a user-configured identifier of a location associated with the wireless device.

89. (Original) The apparatus of claim 83, wherein at least one of the access codes in the pool of access codes identifies an IP network address as a possible communications channel through which the communications can be conducted.

90. (Previously presented) The apparatus of claim 77, wherein the access code identifies an IP network address as a possible communications channel through which the communications can be conducted, and wherein the routing controller is operably configured to enable communications between the wireless device and the destination node to be established through an IP network in response to a call received at the IP network address from the wireless device using the access code identifying the IP network address.

91. (Original) The apparatus of claim 83, wherein at least one of the access codes in the pool of access codes identifies a telephone number as a possible communications channel through which the communications can be conducted.

92. (Original) The apparatus of claim 91, wherein the routing controller is operably configured to enable communications between the wireless device and the destination node to be established through a public switched telephone network (PSTN) in response to a call received at the telephone number from the wireless device using the access code identifying the telephone number.

93. (Original) The apparatus of claim 83, wherein the access code request message includes a caller identifier and wherein the routing controller is operably configured to associate the caller identifier with the selected access code.

94. (Original) The apparatus of claim 93, wherein the routing controller is operably configured to facilitate communications between the wireless device and the destination node in

response to use of the access code by the wireless device only if the caller identifier associated with the access code used by the wireless device to establish communications with the destination node identifies the wireless device.

95. (Original) The apparatus of claim 93, wherein the routing controller is operably configured to associate the destination node identifier included in the access code request message with the selected access code.

96. (Original) The apparatus of claim 95, wherein the routing controller is operably configured to associate the caller identifier and the destination node identifier with the selected access code only when:

a) the access code is not already associated with a destination node identifier; or

b) the access code is already associated with another destination node identifier, and a timeout value associated with the another destination node identifier has expired.

97. (Original) The apparatus of claim 82, wherein the routing controller is operably configured to associate a timestamp with the access code, for use in determining when the usability of the access code to initiate a call to the destination node will expire, and to cause the timestamp to be included in the access code reply message transmitted to the wireless device.

98. (Original) The apparatus of claim 97, wherein the routing controller is operably configured to enable communications to be established between the wireless device and the destination node when the wireless device seeks to establish a call to the destination node using the access code transmitted in the access code reply message when the timestamp associated with the access code indicates the usability of the access code has not expired and to prevent the communications from being established when the timestamp indicates the usability of the access code has expired.

99. (Original) The apparatus of claim 77, wherein the means for transmitting comprises a non-voice network interface for transmitting the access code reply message on a non-voice network.

100. (Original) The apparatus of claim 77, wherein the means for transmitting the access code reply message comprises means for transmitting the access code reply message as a Short Messaging Service (SMS) message.

101. (Original) The apparatus of claim 77, wherein the means for transmitting comprises means for transmitting the access code reply message on a voice network.

102. (Previously presented) The apparatus of claim 101, wherein the means for transmitting the access code reply message on a voice network comprises means for transmitting the access code reply message as a Short Messaging Service (SMS) message.

103. (Previously Presented) An apparatus for enabling a wireless device to establish communications with a destination node, the apparatus comprising:

a processor circuit including at least one processor;

a network interface in communication with the processor circuit; and

a non-transitory computer readable medium having stored thereon computer executable codes for directing the at least one processor to:

receive from the wireless device an access code request message including a destination node identifier associated with the destination node and a location identifier identifying a geographical location of the wireless device;

cause a routing controller to produce an access code identifying a communications channel on a gateway through which communications between the wireless device and the destination node can be conducted, in response to receiving the access code request message, such that the access code is produced based on the location identifier of the access code request message received from the wireless device and such that the access code is useable by the wireless device to initiate communications with the destination node through the communications channel; and

transmit an access code reply message including the access code to the wireless device, wherein the access code in the access code reply message is based on

the location identifier and is used by the wireless device to initiate communications with the destination node through the communication channel.

104. (Original) The apparatus of claim 103, wherein the network interface comprises a non-voice network interface, and wherein the codes for directing the processor circuit to receive include codes for directing the processor circuit to cause the access code request message to be received using the non-voice network interface on a non-voice network.

105. (Original) The apparatus of claim 103, wherein the codes includes codes for directing the processor circuit to receive the access code request message as a Short Messaging Service (SMS) message.

106. (Original) The apparatus of claim 103, wherein the codes include codes for directing the processor circuit to receive the access code request message on a voice network.

107. (Original) The apparatus of claim 106, wherein the codes include codes for directing the processor circuit to receive the access code request message as a Short Messaging Service (SMS) message.

108. (Original) The apparatus of claim 103 further comprising the routing controller.

109. (Previously presented) The apparatus of claim 108, wherein the routing controller is operably configured to cause the access code to be selected from a pool of access codes, wherein none of the access codes in the pool of access codes identifies a respective telephone number.

110. (Original) The apparatus of claim 109, wherein the routing controller is operably configured to determine from the location identifier a local calling area associated with the wireless device and to select an access code associated with a calling area matching the local calling area associated with the wireless device.

111. (Original) The apparatus of claim 109, wherein the routing controller is operably configured to access a location field of a dialing profile associated with the wireless device when a

local calling area cannot be determined from the contents of the location identifier and to determine a local calling area associated with the wireless device from the contents of the location field and to select an access code associated with a calling area matching the local calling area associated with the wireless device.

112. (Original) The apparatus of claim 103, wherein the location identifier comprises an Internet Protocol (IP) address of the wireless device in a wireless IP network.

113. (Original) The apparatus of claim 103, wherein the location identifier comprises an identifier of a wireless voice signal station in wireless communication with the wireless device.

114. (Original) The apparatus of claim 103, wherein the location identifier comprises a user-configured identifier of a location associated with the wireless device.

115. (Original) The apparatus of claim 109, wherein at least one of the access codes in the pool of access codes identifies an IP network address as a possible communications channel through which the communications can be conducted.

116. (Previously presented) The apparatus of claim 103, wherein the access code identifies an IP network address as a possible communications channel through which the communications can be conducted, and wherein the routing controller is operably configured to enable communications between the wireless device and the destination node to be established through an IP network in response to a call received at the IP network address from the wireless device using the access code identifying the IP network address.

117. (Previously presented) The apparatus of claim 108, wherein the routing controller is operably configured to cause the access code to be selected from a pool of access codes, and wherein at least one of the access codes in the pool of access codes identifies a telephone number as a possible communications channel through which the communications can be conducted.

118. (Original) The apparatus of claim 117, wherein the routing controller is operably configured to enable communications between the wireless device and the destination node to be

established through a public switched telephone network (PSTN) in response to a call received at the telephone number from the wireless device using the access code identifying the telephone number.

119. (Previously presented) The apparatus of claim 108, wherein the access code request message includes a caller identifier and wherein the routing controller is operably configured to associate the caller identifier included in the access code request message with an access code selected by the routing controller.

120. (Previously presented) The apparatus of claim 119, wherein the routing controller is operably configured to facilitate communications between the wireless device and the destination node in response to the access code used by the wireless device only if the caller identifier associated with the access code used by the wireless device to establish communications with the destination node identifies the wireless device.

121. (Original) The apparatus of claim 119, wherein the routing controller is operably configured to associate the destination node identifier included in the access code request message with the selected access code.

122. (Original) The apparatus of claim 121, wherein the routing controller is operably configured to associate the caller identifier and the destination node identifier with the selected access code only when:

a) the access code is not already associated with another destination node identifier; or

b) the access code is already associated with a destination node identifier, and a timeout value associated with the another destination node identifier has expired.

123. (Original) The apparatus of claim 122, wherein the routing controller is operably configured to associate a timestamp with the access code, for use in determining when the usability of the access code to initiate a call to the destination node will expire, and to cause the timestamp to be included in the access code reply message.

124. (Previously presented) The apparatus of claim 103, wherein the routing controller is operably configured to enable communications to be established between the wireless device and the destination node when the wireless device seeks to establish a call to the destination node using the access code transmitted in the access code reply message when a timestamp associated with the access code indicates that usability of the access code has not expired and to prevent the communications from being established when the timestamp indicates that the usability of the access code has expired.

125. (Original) The apparatus of claim 103, wherein the network interface comprises a non-voice network interface, and wherein codes for directing the processor circuit to transmit include codes for directing the processor circuit to cause the access code reply message to be transmitted using the non-voice network interface on a non-voice network.

126. (Original) The apparatus of claim 103, wherein the codes include codes for directing the processor circuit to cause the access code reply message to be transmitted as a Short Messaging Service (SMS) message.

127. (Original) The apparatus of claim 103, wherein the codes include codes for directing the processor circuit to cause the access code reply message to be transmitted on a voice network.

128. (Original) The apparatus of claim 127, wherein the codes include codes for directing the processor circuit to cause the access code reply message to be transmitted as a Short Messaging Service (SMS) message.

129. (Previously Presented) A non-transitory computer readable medium encoded with computer executable codes for directing a processor circuit of a wireless device to establish communications with a destination node, the codes comprising codes for directing the processor circuit to:

receive from the wireless device an access code request message including a destination node identifier associated with the destination node and a location identifier identifying a geographical location of the wireless device;

cause a routing controller to produce an access code comprising an Internet Protocol (IP) network address identifying a communications channel on a gateway through which communications between the wireless device and the destination node can be conducted, in response to receiving the access code request message, such that the access code is produced based on the location identifier of the access code request message received from the wireless device and such that the access code is useable by the wireless device to initiate communications with the destination node through the communications channel; and

transmit an access code reply message including the access code to the wireless device, wherein the Internet Protocol (IP) address of the access code is based on the location identifier and is used by the wireless device to initiate communications with the destination node through the communication channel on the gateway.

130. (Previously Presented) A method of operating an apparatus for enabling a wireless device to establish communications with a destination node, the method comprising:

receiving from the wireless device a request message including a destination node identifier associated with the destination node and a location identifier associated with a geographical location of the wireless device, wherein the location identifier comprises a first Internet Protocol (IP) address associated with the wireless device;

in response to receiving the request message, producing an access code identifying a second Internet Protocol (IP) address associated with a IP network communication device through which communications between the wireless device and the destination node can be conducted, wherein the access code is produced based on the location identifier received from the wireless device, wherein the access code is useable by the wireless device to initiate communications with the destination node through the IP network communication device; and

transmitting a reply message including the access code to the wireless device, wherein the second Internet Protocol (IP) address is based on the location identifier and is used by the

wireless device to initiate communications with the destination node through the communication channel on the IP network communication device.

131. (Previously presented) The method of claim 130 wherein the access code is produced based on the destination node identifier.

132. (Previously presented) The method of claim 131 wherein the destination node identifier comprises a phone number associated with the destination node.

133. (Previously presented) The method of claim 130 further comprising, if the destination node is a PSTN telephone on the public switched telephone network (PSTN), establishing communications from the wireless device to a communications supplier gateway operable to connect to the PSTN telephone via the public switched telephone network (PSTN).

134. (Previously presented) The method of claim 51, wherein causing the routing controller to produce the access code further comprises:

determining, from the location identifier, a current location of the wireless device; and

searching an access code association database table to identify an access code associated with the current location of the wireless device but not presently associated with communications to any destination node, to produce the access code transmitted in the access code reply message.

135. (Previously presented) The method of claim 1 wherein the access code request message is transmitted from the wireless device via a WiFi network and the access code reply message is received by the wireless device via the WiFi network.

136. (Previously presented) The method of claim 1, wherein the destination node identifier and the location identifier are transmitted at the same time.

137. (Previously Presented) The method of claim 51, wherein the access code is based on an area code corresponding to a location identified by the location identifier.

138. (Previously presented) The method of claim 51, wherein the access code reply message identifies an Internet Protocol (IP) network address of the communications channel through which the communications can be conducted, wherein the access code is useable by the wireless device to initiate the communications with the destination node through the communications channel.

139. (Previously presented) The apparatus of claim 103, wherein the access code reply message identifies an Internet Protocol (IP) network address associated with the communications channel through which the communications can be conducted, wherein the Internet Protocol (IP) network address is useable by the wireless device to initiate the communications with the destination node through the communications channel.

140. (Previously presented) The method of claim 1, further comprising:

(a) receiving, in the access code reply message, an Internet Protocol (IP) address; and

(b) establishing the communications between the wireless device and the destination node based on the Internet Protocol (IP) address received in the access code reply message.

141. (Previously presented) The method of claim 1, wherein the access code received in the access code reply message does not comprise a telephone number.

REMARKS

In response to the Office Action dated November 22, 2019, no claims are canceled or added. Claims 30 and 33 have been amended to correct minor typographical issues.

Claims 1-141 are thus pending. Claims 1, 20, 38, 50, 51, 77, 103, 129 and 130 are the independent claims.

Discussion of 35 U.S.C. §112

Applicant acknowledges that certain means-plus-function elements of claims 20-37 and 77-102 should be interpreted in accordance with pre-AIA 35 U.S.C. 112, sixth paragraph to cover corresponding steps and structure disclosed in the specification for the claimed function, and equivalents thereof, but Applicant should not be taken as necessarily agreeing with some or all of the identifications of corresponding steps or structure in the Office action. Applicant has explained in a previous paper (July 14, 2016) that particular portions of the published specification disclose steps and structure that correspond to the recited means.

Discussion of Claim Rejections under 35 U.S.C. §103(a)

Claims 1-129 and 134-141 were rejected under pre-*AIA* 35 U.S.C. 103(a) as being unpatentable over U.S. Pat. Publication No. 20080056235A1 ("Albina") in view of U.S. Pat. Publication No. 20070286170A1 ("Kahn") and further in view of U.S. Pat. Publication No. 20070230423A1 ("Yoshida"). Claims 130-133 were rejected under pre-*AIA* 35 U.S.C. 103(a) as being unpatentable over Albina in view of Kahn and further in view of U.S. Pat. Publication No. 20040240439A1 ("Castleberry").

The standard for obviousness has been addressed by the Supreme Court in *KSR International Co. v. Teleflex Inc.* 127 S. Ct. 1727 (2007) (hereinafter, "*KSR*"). In *KSR*, the Supreme Court affirmed that the factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1 (1966), form the basis of the obviousness inquiry. Accordingly, obviousness is a question of law based on underlying factual inquiries. The Graham factual inquiries are: (1) determining the scope and content of the prior art; (2) ascertaining the differences between the claimed

invention and the prior art; (3) resolving the level of ordinary skill in the pertinent art; and (4) considering objective evidence indicating obviousness or non-obviousness.

With reference to at least the second *Graham* factual inquiry, Applicant respectfully submits that important differences exist between the claimed invention and the cited prior art, as will be explained below, and in view of these differences, it is respectfully submitted that the cited prior art references do not provide a proper basis for a rejection under 35 U.S.C. § 103(a).

Applicant respectfully submits that the current Office Action overlooks that the proposed combination of Albina, Kahn and Yoshida fails to supply all the elements recited in Applicant's claims 1-129 and 134-141 and that the proposed combination of Albina, Kahn and Castleberry likewise fails to supply all of the elements in Applicant's claims 130-133. Thus, the proposed combinations are incapable of rendering the claimed invention obvious.

The Court in *KSR* also indicated that a proper finding of obviousness requires an explicit analysis based on an "apparent reason to combine the known elements in the fashion claimed by the patent at issue," and has warned against basing such an analysis on hindsight. *KSR*, pp. 14 and 17. In the present case, the Office action has provided insufficient explanation of how or why the cited references would have been combined by a skilled person without using hindsight.

Albina

Albina discloses a system of establishing a VoIP communication between a mobile device and a VoIP destination device through a PSTN-to-VoIP gateway. *See* Abstract, Fig. 1. The system of Albina discloses the use of a temporary directory number (TDN) associated with the VoIP destination device for use in establishing the communication. *See* [0007]-[0011].

Kahn

Kahn discloses a system for processing a communication request from a VoIP terminal and a mechanism to determine if the terminal is roaming. *See* Abstract. Kahn uses the MAC address of a gateway connected to a VoIP terminal in order to determine if the VoIP terminal is at its home location "by way of detecting a mismatch between the MAC address received and that of its home network." *See* [0029], [0030], [0031]. In some embodiments, location information can be supplied from the VoIP terminal. *See* Fig. 3 (steps 318, 326), [0025], [0032], [0033].

However, in Kahn, the determination of whether the VoIP terminal is roaming and/or the location information from the VoIP terminal is used simply to provide location information to public service access (PSAP) services. *See* Fig. 3 (step 312), [0004], [0014], [0031], [0032].

Yoshida

Yoshida discloses a wireless LAN in which terminals can communicate either directly or via an access point. *See* Abstract. Yoshida discloses that inter-terminal direct communication can take place over a different channel than communications between a terminal and an access point. *See* Abstract, [0021], [0026], [0028]. In the system of Yoshida, a terminal negotiates with an access point based on its capabilities to support inter-terminal direct communication and permission to communicate can be granted by the access point. *See* [0010], [0011], [0023].

Castleberry

Castleberry discloses a method of intercepting call content in a packet-based Internet Protocol (IP) network. *See* Abstract. The system of Castleberry includes a Softswitch 20 and an Intercept Router 22 which are utilized to intercept VoIP communications for law enforcement purposes. *See* [0018]-[0020].

Independent Claim 1

Claim 1 recites:

1. A method of establishing communications between a wireless device and a destination node of a communications network, the method comprising:

receiving from a user of the wireless device a destination node identifier associated with the destination node;

transmitting an access code request message to an access server, the access code request message including the destination node identifier and a location identifier identifying a geographical location of the wireless device;

receiving an access code reply message from the access server in response to the access code request message, the access code reply message including an access code based

on the location identifier in the access code request message, the access code identifying a communications channel on a gateway through which communications between the wireless device and the destination node can be conducted, the access code being distinct from the destination node identifier; and

in response to receiving the access code reply message, causing the wireless device to use the access code received in the access code reply message to initiate communications from the wireless device to the destination node through the channel identified by the access code, wherein the access code is based on the location identifier transmitted in the access code request message and enables the communications to be established from the wireless device to the destination node through the channel on the gateway identified by the access code.

[emphasis added]

Claim 1 recites, *inter alia*, an "access code reply message including an access code based on the location identifier in the access code request message" and "causing the wireless device to use the access code received in the access code reply message to initiate communications from the wireless device to the destination node through the channel identified by the access code" The cited references fail to disclose or suggest this claim limitation, whether the references are taken alone or in combination.

In the Office Action, the Examiner states that: "Albina appears silent on … the access code reply message including an access code based on the location identifier in the access code request message … causing the wireless device to use the access code received in the access code reply message to initiate communications from the wireless device to the destination node through the channel identified by the access code" (*see* Office Action at 8) and relies on the combination of Kahn and Yoshida to supply these missing elements.

However, the apparently missing elements of Albina are not cured by Kahn and Yoshida. Kahn discloses the transmission of location information, but does not disclose a reply message that includes an access code based on the location information, and furthermore doesn't disclose a reply message that causes the wireless device to initiate communications using information in the reply message. Kahn discloses only the use of location information so that it can be supplied to

PSAP (*i.e.*, emergency 911) services. Kahn does not appear to disclose any communication back to VoIP terminal that is based on the location information.

The Examiner cites to Kahn paragraph [0031] in connection with the claimed feature of the "access code reply message including an access code based on the location identifier in the access code request message" (*see* Office Action at 9), but the Examiner does not specifically identify precisely *what* in the paragraph corresponds to the claimed "access code." In fact, Kahn doesn't appear to disclose sending any information back to the VoIP terminal based on the location information. As discussed above, Kahn only discloses the location information used by the network proxy so that it can be sent to the PSAP. No location-based information needs be sent to the VoIP terminal. *See* Kahn at Fig. 3 (step 312), [0004], [0014], [0031], [0032].

The Examiner also cites to Kahn paragraphs [0011], [0028] and [0033] in connection with the claimed feature of "causing the wireless device to use the access code received in the access code reply message to initiate communications from the wireless device to the destination node" (*see* Office Action at 9), but the Examiner still does not specifically identify *what* in these paragraphs corresponds to the claimed "access code." The Examiner asserts that Kahn discloses that "[t]wo Voice Over IP (VoIP) terminals communicate with each other using gateway" (*see* Office Action at 9), however, this disclosure is not sufficient to necessarily disclose the claimed features. As noted above, Kahn only discloses that the location information is used so that it can be sent to the PSAP. Ultimately, there is no disclosure in Kahn of sending anything like an access code back to the VoIP terminal that is "based on the location identifier in the access code request message," and which the VoIP terminal would then use to "initiate communications … to the destination node," as recited in pending claim 1. *See* Kahn at Fig. 3 (step 312), [0004], [0014], [0031], [0032].

The Examiner also states that the combination of Albina and Kahn "does not explicitly disclose: "causing the wireless device ... [to] initiate communications … through the channel on the gateway identified by the access code" (*see* Office Action at 10) and relies on Yoshida to supply the missing claim elements.

However, the addition of Yoshida to the combination of Albina and Kahn still does not disclose nor render obvious the claimed features. Yoshida discloses a wireless LAN in which terminals can communicate directly and through an access point. Yoshida does not utilize

location information for the terminals and does not disclose an access code that is based on a location identifier. Even accepting, *arguendo*, that Yoshida discloses the identification of a channel in an access code and the initiation of communication using such an access code, this still does not disclose nor render obvious the claimed features because there is no disclosure of an "access code reply message including an access code based on the location identifier in the access code request message." Yoshida discloses very specific techniques for a wireless communication system that have no bearing on the subject-matter of the claims. Indeed, Yoshida appears to be non-analogous art.

Neither Albina nor Yoshida appear to disclose the use of location information for a wireless device, and, as already discussed above, the location information disclosed in Kahn is used by the network proxy but not to generate an "access code reply message". Thus, the Office action has not presented any plausible reason or way, absent reliance on impermissible hindsight, for a skilled person to combine Albina, Kahn and Yoshida so as to provide all of the features recited in claim 1. Accordingly, the Office action has not established a *prima facie* case of obviousness of claim 1. It is respectfully submitted that the obviousness rejection of claim 1 under § 103 is improper and should be withdrawn.

In addition, the Office action is incomplete because it does not clearly state what elements in the cited patent references correspond to what claimed features, nor does it explain the manner in which they will function together in the proposed combination. "In rejecting claims for want of novelty or for obviousness, the examiner must cite the best references at his or her command. When a reference is complex or shows or describes inventions other than that claimed by the applicant, the particular part relied on must be designated as nearly as practicable. The pertinence of each reference, if not apparent, must be clearly explained and each rejected claim specified." *See* 37 C.F.R. § 1.104 (c)(2). Therefore, this Office action should be withdrawn and replaced with a complete *non-final* Office action.

Independent Claim 130

Claim 130 recites, *inter alia*, "transmitting a reply message including the access code to the wireless device, wherein the second Internet Protocol (IP) address is based on the location identifier and is used by the wireless device to initiate communications with the destination node

through the communication channel on the IP network communication device." However, the cited references, whether alone or in combination, fail to disclose or suggest this claim limitation.

The Examiner rejected independent claim 130 over the combination of Albina, Kahn and Castleberry under essentially the same basis as claim 1 was rejected over the combination of Albina, Kahn and Yoshida. *See* Office Action at 51-58. The substitution of Castleberry for Yoshida does not supply the claim elements that the Office action believes are missing from claim 1.

Castleberry discloses a system in which a determination is made that a communication is to be intercepted and communication takes place through an Intercept Router 22. See Castleberry at [0017]-[0021]. The combination of Albina, Kahn and Castleberry still does not disclose or suggest the claimed features because there is no disclosure of an "access code reply message including an access code based on the location identifier in the access code request message." Neither Albina nor Yoshida appear to disclose the use of location information for a wireless device. Furthermore, the IP address of the target 12 in Castleberry is used by the Softswitch 20 to configure Intercept Router 22, but not to generate an "access code reply message" that is sent to the target 12. *See* Castleberry at Fig. 7, [0039]. In fact, it would defeat the purpose of Castleberry if a message were sent to the target 12 that was based on whether the communication was being intercepted since the goal of Castleberry's invention is to prevent the target 12 from being aware that communications are being monitored. *See* Castleberry at [0003]. Thus, the Office action suggests no plausible reason or way to combine Albina, Kahn and Castleberry so as to provide all of the features recited in claim 1.

Independent Claims 20, 38, 50, 51, 77, 103 and 129

Applicant respectfully submits that each of the independent Claims 20, 38, 50, 51, 77, 103, 129 and 130 recite elements similar to the elements discussed above regarding Claim 1, for example:

(a) claim 20 recites, *inter alia*, "means for causing the wireless apparatus to establish communications with the destination node through the communications channel identified by the access code in the access code reply message, the access code being based on the location identifier transmitted in the access code request message";

(b) claim 38 recites, *inter alia*, "initiate communications from the wireless apparatus, via the network interface, using the access code based on the location identifier, to establish communications between the wireless apparatus and the destination node through the communications channel identified by the access code";

(c) claim 50 recites, *inter alia*, "cause the wireless device to use the access code comprising the Internet Protocol (IP) address based on the location identifier to establish communications between the wireless device and the destination node through the communications channel of the network element identified by the access code";

(d) claim 51 recites, *inter alia*, "the access code being based on the location identifier of the access code request message received from the wireless device, wherein the access code is useable by the wireless device to initiate communications with the destination node through the communications channel";

(e) claim 77 recites, *inter alia*, "means for transmitting an access code reply message including the access code to the wireless device, wherein the access code in the access code reply message is based on the location identifier and is used by the wireless device to initiate communications with the destination node through the communication channel on the gateway";

(f) claim 103 recites, *inter alia*, "transmit an access code reply message including the access code to the wireless device, wherein the access code in the access code reply message is based on the location identifier and is used by the wireless device to initiate communications with the destination node through the communication channel"; and

(g) claim 129 recites, *inter alia*, "transmit an access code reply message including the access code to the wireless device, wherein the Internet Protocol (IP) address of the access code is based on the location identifier and is used by the wireless device to initiate communications with the destination node through the communication channel on the gateway."

Thus, for reasons similar to those given above, *mutatis mutandis*, it is respectfully submitted that the Examiner's rejections under 35 U.S.C. §103(a) of each of Applicant's independent claims 20, 38, 50, 51, 77, 103 and 129 are improper and should be withdrawn.

Discussion of Dependent Claims

Although Applicant has not addressed the dependent claims, Applicant respectfully submits that Applicant does not necessarily agree with the characterization and assessments of the dependent claims in the Office action, and Applicant believes that each of the dependent claims is patentable on its own merits.

In particular, Applicant respectfully submits that claims 2-19, 21-37, 39-49, 52-76, 78-102, 104-128 and 131-137 should be allowable over the cited references due to their respective direct or indirect dependence from one of independent claims 1, 20, 38, 51, 77, 103, and 130, and also due to the additional subject-matter that each of these dependent claims recites.

Co-Pending Applications of Assignee

Applicant wishes to draw the Examiner's attention to the following co-pending applications assigned to Applicant's assignee.

Serial No.	**Title**	**Filed**
14/853705	Determining A Time To Permit A Communications Session To Be Conducted	Sep. 14, 2015
15/861572	Intercepting Voice Over IP Communications and Other Data Communications	Jan. 3, 2018
15/421058	Emergency Assistance Calling For Voice Over IP Communications Systems	Jan. 31, 2017
16/030761	Uninterrupted Transmission Of Internet Protocol Transmissions During Endpoint Changes	July 9, 2018
16/285162	Producing Routing Messages For Voice Over IP Communications	Feb. 25, 2019

CONCLUSION

Although the present communication includes alterations to and/or characterizations of the claims, Applicant does not concede in this communication that previously pending claims are not patentable over the cited references. Rather, any alterations or characterizations are being made to facilitate expeditious prosecution of this application. Applicant reserves the right to pursue at a later date any previously pending or other broader or narrower claims that capture any subject matter supported by the present disclosure, including subject matter found to be specifically disclaimed herein or by any prior prosecution. Accordingly, reviewers of this or any parent, child

or related prosecution history shall not reasonably infer that Applicant has made any disclaimers or disavowals of any subject matter supported by the present application.

Applicant has endeavored to address all of the Examiner's concerns as expressed in the outstanding Office Action. If the Examiner has any outstanding concerns following this response, Applicant respectfully requests an Interview with the Examiner to be able to address any such outstanding concerns as expeditiously as possible.

In light of the above, Applicant respectfully submits that pending claims 1-141 are now in condition for allowance. Applicant requests that the rejections and objections be withdrawn, and that the claims be allowed and passed to issue. If any impediment to the allowance of these claims remains after entry of this Amendment, the Examiner is strongly encouraged to call Sean F. Parmenter at (801) 566-6633 so that such matters may be resolved expeditiously.

The Commissioner is hereby authorized to charge any additional fee or to credit any overpayment in connection with this Amendment to Deposit Account No. 20-0100.

DATED this 24th day of February, 2020.

Respectfully submitted,

/Sean F. Parmenter/

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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 14/035,806	Filing Date 09/24/2013	☐ 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 $40 =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*		x $210 =	
☐ 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

		(Column 1)		(Column 2)	(Column 3)			
AMENDMENT	02/24/2020	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 141	Minus	** 141	= 0		x $50 =	0
	Independent (37 CFR 1.16(h))	* 9	Minus	*** 9	= 0		x $230 =	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

		(Column 1)		(Column 2)	(Column 3)			
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	*	Minus	**	=		x $0 =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=		x $0 =	
	☐ 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.	LIE
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".	/JAMES E MASON/
*** 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.	

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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EXAMINER	
RAHMAN, M MOSTAZIR	
ART UNIT	PAPER NUMBER
2411	

DATE MAILED: 05/13/2020

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/035,806	09/24/2013	Johan Emil Viktor Björsell	4278-004.PCT.US.CON1	5562

TITLE OF INVENTION: MOBILE GATEWAY

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	$500	$0.00	$0.00	$500	08/13/2020

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)".

For purposes of this notice, small entity fees are 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Maintenance fees are due in utility patents issuing on applications filed on or after Dec. 12, 1980. It is patentee's responsibility to ensure timely payment of maintenance fees when due. More information is available at www.uspto.gov/PatentMaintenanceFees.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), by mail or fax, or via EFS-Web.

By mail, send to: Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

By fax, send to: (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

20551 7590 05/13/2020
THORPE NORTH & WESTERN, LLP.
P.O. Box 1219
SANDY, UT 84091-1219

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

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 transmitted to the USPTO via EFS-Web or by facsimile to (571) 273-2885, on the date below.

(Typed or printed name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/035,806	09/24/2013	Johan Emil Viktor Björsell	4278-004.PCT.US.CON1	5562

TITLE OF INVENTION: MOBILE GATEWAY

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	$500	$0.00	$0.00	$500	08/13/2020

EXAMINER	ART UNIT	CLASS-SUBCLASS
RAHMAN, M MOSTAZIR	2411	370-328000

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 03-09 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,
(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 _____
2 _____
3 _____

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 must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). 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. Fees submitted: ❑Issue Fee ❑Publication Fee (if required) ❑Advance Order - # of Copies _____

4b. Method of Payment: *(Please first reapply any previously paid fee shown above)*

❑ Electronic Payment via EFS-Web ❑ Enclosed check ❑ Non-electronic payment by credit card (Attach form PTO-2038)

❑ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. _____

5. **Change in Entity Status** (from status indicated above)

❑ Applicant certifying micro entity status. See 37 CFR 1.29

❑ Applicant asserting small entity status. See 37 CFR 1.27

❑ Applicant changing to regular undiscounted fee status.

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.
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.
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. _____

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/035,806	09/24/2013	Johan Emil Viktor Björsell	4278-004.PCT.US.CON1	5562

20551 7590 05/13/2020

THORPE NORTH & WESTERN, LLP.
P.O. Box 1219
SANDY, UT 84091-1219

EXAMINER	
RAHMAN, M MOSTAZIR	
ART UNIT	PAPER NUMBER
2411	

DATE MAILED: 05/13/2020

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

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 30 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.

Notice of Allowability	Application No. 14/035,806	Applicant(s) Björsell et al.	
	Examiner M MOSTAZIR RAHMAN	Art Unit 2411	AIA (FITF) 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 02/24/2020.
   ☐ 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 1-141 . 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 _____.

/M Mostazir Rahman/ Examiner, Art Unit 2411	/ANDREW LAI/ Supervisory Patent Examiner, Art Unit 2411

DETAILED ACTION

Notice of Pre-AIA or AIA Status

The present application is being examined under the pre-AIA first to invent provisions.

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 ***02/24/2020*** has been entered.

Allowable Subject Matter

Claims 1-141 are allowed.

The following is a statement of reasons for the indication of allowable subject matter:

Regarding independent claim 1:

The prior art of record fails to teach *"in response to receiving the access code reply message, causing the wireless device to use the access code received in the access code reply message to initiate communications from the wireless device to the destination node through the channel identified by the access code, wherein the access*

code is based on the location identifier transmitted in the access code request message and enables the communications to be established from the wireless device to the destination node through the channel on the gateway identified by the access code." as substantially described in independent claim 1. These limitations, in combination with the other features of claim 1, are not taught nor suggested by the prior art of record. Accordingly, applicant's claim is allowed for these reasons and for the reasons recited by the applicant remarks filed on February 24th, 2020.

Regarding independent claim 20:

The prior art of record fails to teach *" means for receiving an access code reply message from the access server in response to the access code request message, the access code reply message including an access code based on the location identifier in the access code request message, .. means for causing the wireless apparatus to establish communications with the destination node through the communications channel identified by the access code in the access code reply message, the access code being based on the location identifier transmitted in the access code request message."* as substantially described in independent claim 20. These limitations, in combination with the other features of claim 20, are not taught nor suggested by the prior art of record. Accordingly, applicant's claim is allowed for these reasons and for the reasons recited by the applicant remarks filed on February 24th, 2020.

Regarding independent claim 38:

The prior art of record fails to teach *" initiate communications from the wireless apparatus, via the network interface, using the access code based on the location identifier, to establish communications between the wireless apparatus and the destination node through the communications channel identified by the access code."* as substantially described in independent claim 38. These limitations, in combination with the other features of claim 38, are not taught nor suggested by the prior art of record. Accordingly, applicant's claim is allowed for these reasons and for the reasons recited by the applicant remarks filed on February 24th, 2020.

Regarding independent claim 50:

The prior art of record fails to teach *"cause the wireless device to use the access code comprising the Internet Protocol (IP) address based on the location identifier to establish communications between the wireless device and the destination node through the communications channel of the network element identified by the access code."* as substantially described in independent claim 50. These limitations, in combination with the other features of claim 50, are not taught nor suggested by the prior art of record. Accordingly, applicant's claim is allowed for these reasons and for the reasons recited by the applicant remarks filed on February 24th, 2020.

Regarding independent claim 51:

The prior art of record fails to teach *"transmitting, to the wireless device, an access code reply message including the access code based on the location identifier, to cause the wireless device to use the access code to initiate communications with the destination*

node through the communications channel." as substantially described in independent claim 51. These limitations, in combination with the other features of claim 51, are not taught nor suggested by the prior art of record. Accordingly, applicant's claim is allowed for these reasons and for the reasons recited by the applicant remarks filed on February 24th, 2020.

Regarding independent claim 77:

The prior art of record fails to teach *"means for transmitting an access code reply message including the access code to the wireless device, wherein the access code in the access code reply message is based on the location identifier and is used by the wireless device to initiate communications with the destination node through the communication channel on the gateway."* as substantially described in independent claim 77. These limitations, in combination with the other features of claim 77, are not taught nor suggested by the prior art of record. Accordingly, applicant's claim is allowed for these reasons and for the reasons recited by the applicant remarks filed on February 24th, 2020.

Regarding independent claim 103:

The prior art of record fails to teach *"transmit an access code reply message including the access code to the wireless device, wherein the access code in the access code reply message is based on the location identifier and is used by the wireless device to initiate communications with the destination node through the communication channel."* as substantially described in independent claim 103. These limitations, in

combination with the other features of claim 103, are not taught nor suggested by the prior art of record. Accordingly, applicant's claim is allowed for these reasons and for the reasons recited by the applicant remarks filed on February 24th, 2020.

Regarding independent claim 129:

The prior art of record fails to teach *"transmit an access code reply message including the access code to the wireless device, wherein the Internet Protocol (IP) address of the access code is based on the location identifier and is used by the wireless device to initiate communications with the destination node through the communication channel on the gateway."* as substantially described in independent claim 129. These limitations, in combination with the other features of claim 129, are not taught nor suggested by the prior art of record. Accordingly, applicant's claim is allowed for these reasons and for the reasons recited by the applicant remarks filed on February 24th, 2020.

Regarding independent claim 130:

The prior art of record fails to teach *"transmitting a reply message including the access code to the wireless device, wherein the second Internet Protocol (IP) address is based on the location identifier and is used by the wireless device to initiate communications with the destination node through the communication channel on the IP network communication device."* as substantially described in independent claim 130. These limitations, in combination with the other features of claim 130, are not taught nor suggested by the prior art of record. Accordingly, applicant's claim is allowed for these

reasons and for the reasons recited by the applicant remarks filed on February 24th, 2020.

Application's all dependent claims are allowed for the same reason as set forth above for their respective independent claim.

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."

CONCLUSION

Any inquiry concerning this communication or earlier communications from the examiner should be directed to M MOSTAZIR RAHMAN whose telephone number is (571)272-4785. The examiner can normally be reached on 8:30am-5:00pm PST. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, ANDREW LAI can be reached on 571-272-9741. 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.

/M MOSTAZIR RAHMAN/
Examiner, Art Unit 2411

/ANDREW LAI/
Supervisory Patent Examiner, Art Unit 2411

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14/035,806	Björsell et al.
	Examiner	Art Unit
	M MOSTAZIR RAHMAN	2411

CPC - Searched*		
Symbol	Date	Examiner
H04W76/021 OR H04W76/025 OR H04W8/02	11/29/2015	MR

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

/M MOSTAZIR RAHMAN/ Examiner.Art Unit 2411	

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14/035,806	Björsell et al.
	Examiner	Art Unit
	M MOSTAZIR RAHMAN	2411

Search Notes		
Search Notes	**Date**	**Examiner**
EAST Search: 1)keyword search in USPAT, US-PGPUB, DERWENT , EPO, JPO, IBM_TDB;	11/29/2015	MR
class/subclasses with keyword, inventors, assignee	11/29/2015	MR
Inventor and assignee search in EAST, eDAN and PALM.	11/29/2015	MR
NPL Search: IP.COM	11/29/2015	MR
Updated search	10/16/2016	MR
Consulted with SPE, Andrew Lai	10/18/2016	MR
Updated search	11/15/2016	MR
Updated search	08/21/2017	MR
Updated search	06/27/2018	MR
Updated search	08/07/2018	MR
Updated search	06/10/2019	MR
Consulted with SPE, Andrew Lai	06/11/2019	MR
Updated search	08/13/2019	MR
Consulted with SPE, Andrew Lai	04/28/2020	MR
Updated search	05/05/2020	MR

Interference Search			
US Class/CPC Symbol	**US Subclass/CPC Group**	**Date**	**Examiner**
Please see search report		05/05/2020	MR

/M MOSTAZIR RAHMAN/ Examiner.Art Unit 2411	

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14/035,806	Björsell et al.
	Examiner	**Art Unit**
	M MOSTAZIR RAHMAN	2411

CPC							
Symbol						**Type**	**Version**
H04W	/	8	/	02		F	2013-01-01
H04W	/	76	/	11		I	2018-02-01
H04W	/	76	/	15		A	2018-02-01

CPC Combination Sets								
Symbol						**Type**	**Set**	**Ranking**	**Version**
	/		/						

/M Mostazir Rahman/ Examiner, Art Unit 2411	05 May 2020	**Total Claims Allowed:**	
(Assistant Examiner)	(Date)	141	
/ANDREW LAI/ Supervisory Patent Examiner, Art Unit 2411	07 May 2020	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	1

U.S. Patent and Trademark Office — Part of Paper No.: 20200505

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14/035,806	Björsell et al.
	Examiner	**Art Unit**
	M MOSTAZIR RAHMAN	2411

INTERNATIONAL CLASSIFICATION				
CLAIMED				
H04W	/	8	/	02

NON-CLAIMED				
H04W	/	76	/	11

US ORIGINAL CLASSIFICATION	
CLASS	**SUBCLASS**

CROSS REFERENCES(S)						
CLASS	**SUBCLASS (ONE SUBCLASS PER BLOCK)**					

/M Mostazir Rahman/ Examiner, Art Unit 2411	05 May 2020	**Total Claims Allowed:**	
(Assistant Examiner)	(Date)	141	
/ANDREW LAI/ Supervisory Patent Examiner, Art Unit 2411	07 May 2020	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	1

U.S. Patent and Trademark Office — Part of Paper No.: 20200505

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14/035,806	Björsell et al.
	Examiner	**Art Unit**
	M MOSTAZIR RAHMAN	2411

☑ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIMS

Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
	1		19		37		55		73		91		109		127
	2		20		38		56		74		92		110		128
	3		21		39		57		75		93		111		129
	4		22		40		58		76		94		112		130
	5		23		41		59		77		95		113		131
	6		24		42		60		78		96		114		132
	7		25		43		61		79		97		115		133
	8		26		44		62		80		98		116		134
	9		27		45		63		81		99		117		135
	10		28		46		64		82		100		118		136
	11		29		47		65		83		101		119		137
	12		30		48		66		84		102		120		138
	13		31		49		67		85		103		121		139
	14		32		50		68		86		104		122		140
	15		33		51		69		87		105		123		141
	16		34		52		70		88		106		124		
	17		35		53		71		89		107		125		
	18		36		54		72		90		108		126		

/M Mostazir Rahman/ Examiner, Art Unit 2411	05 May 2020	**Total Claims Allowed:**	
(Assistant Examiner)	(Date)	141	
/ANDREW LAI/ Supervisory Patent Examiner, Art Unit 2411	07 May 2020	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	1

U.S. Patent and Trademark Office — Part of Paper No.: 20200505

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14/035,806	Björsell et al.
	Examiner	Art Unit
	M MOSTAZIR RAHMAN	2411

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

CLAIMS

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIM		DATE								
Final	Original	11/25/2015	10/16/2016	08/21/2017	08/03/2018	08/13/2019	05/05/2020			
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	14/035,806	Björsell et al.
	Examiner	Art Unit
	M MOSTAZIR RAHMAN	2411

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	14/035,806	Björsell et al.
	Examiner	Art Unit
	M MOSTAZIR RAHMAN	2411

CLAIM		DATE								
Final	Original	11/25/2015	10/16/2016	08/21/2017	08/03/2018	08/13/2019	05/05/2020			
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Bibliographic Data

Application No: 14/035,806

Foreign Priority claimed: ○ Yes ◉ No

35 USC 119 (a-d) conditions met: ☐ Yes ☑ No ☐ Met After Allowance

Verified and Acknowledged: /M Mostazir Rahman/ Examiner's Signature | Initials

Title: MOBILE GATEWAY

FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
09/24/2013	370	2411	4278-004.PCT.US.CON1
RULE			

APPLICANTS

VOIP-PAL.COM, INC., Bellevue, WA,

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Pentti Kalevi Huttunen Vancouver, CANADA

Emil Malak Vancouver, CANADA

CONTINUING DATA

This application is a CON of 13056277 01/27/2011 PAT 8630234

13056277 is a 371 of PCT/CA2009/001062 07/28/2009

PCT/CA2009/001062 has PRO of 61129898 07/28/2008

FOREIGN APPLICATIONS

IF REQUIRED, FOREIGN LICENSE GRANTED**

10/08/2013

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FILING FEE RECEIVED

$6,140

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	11	((("VOIP-PAL.COM") near3 ("INC"))).AS,AANM.	USPAT	OR	ON	2020/05/05 19:25
L2	16	((("Sobolyev") near3 ("Maksym"))).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2020/05/05 19:25
L3	10	((("Huttunen") near3 ("Pentti") near3 ("Kalevi"))).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2020/05/05 19:25
L4	4	((("Malak") near3 ("Emil"))).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2020/05/05 19:25
L5	29	(digifonica).as,AANM.	US-PGPUB; USPAT	OR	ON	2020/05/05 19:25
L6	20	((("VOIP-PAL.COM"))).AS,AANM.	US-PGPUB; USPAT	OR	ON	2020/05/05 19:25
L7	0	(L6 L5 L4 L3 L2 L1) AND (source$4 and destinat$4 and (access$4 NEAR4 (code$4 id idenfication$4 key flag$4)) AND (location$4 gps) AND (reply$4 feedback$4)).clm.	US-PGPUB; USPAT	OR	ON	2020/05/05 19:25
L8	29	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$ or US-20140016635-$ or US-20090017842-$ or US-20060109960-$).did. or (US-	US-PGPUB; USPAT; DERWENT	OR	OFF	2020/05/05 19:25

		7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.				
L9	2	L8 and (location$4 geographical$4) WITH (ID key$4 identificat$4) AND (access$4 NEAR5 code$4) AND (IP near5 address$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2020/05/05 19:25
L10	582394	("370".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/05/05 19:25
L11	12	L10 and ((initiat$4 adj2 call) same (access adj2 code) and (channel ID) and ((non$voice data) adj2 network$5) and (indentifier ID indentification))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/05/05 19:25
L12	3	(L6 L5 L4 L3 L2 L1) AND ((destinat$4 UE terminal$4 phone mobile$4 WTRU STA STA TE TA) and (access$4 AND (code$4 id idenfication$4 key flag$4)) AND (location$4 gps) AND (reply$4 feedback$4)).clm.	US-PGPUB; USPAT	OR	ON	2020/05/05 19:27
L13	45	(reply$3 feedback$4 feed$1back$3 acknowledg$4 ACK respons$4) NEAR3 (messag$4 packet$4 frame$1 PDU data adj2 gram$1 data adj2 unit$4) SAME access$3 NEAR3 code$3 SAME (location$3 GPS position$4 coordinat$4 latitud$4) NEAR5 (identifier$3 ID information$4 data$1) SAME (request$4 demand$4 ask$4 query$4 solicit$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2020/05/05 19:27
L14	34	((server$4 gatewar$4 rout$4) NEAR6 (reply$4 feed$1back$4 feedbck$1 acknowledg$5 ACK) NEAR5 (channel$4 frequency$4 path$4 rout$4 access$1 near2 code$4) SAME (location$4 gps$4) NEAR5 (WD wireless adj2 device$4	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2020/05/05 19:27

		WTRU terminal TA TE user adj2 equipment UE STA STB)) AND (@AD <"20080728")				
L15	34	((server$4 gatewar$4 rout$4) NEAR6 (reply$4 feed$1back$4 feedbck$1 acknowledg$5 ACK) NEAR5 (channel$4 frequency$4 path$4 rout$4 access$1 near2 code$4) SAME (location$4 gps$4) NEAR5 (WD wireless adj2 device$4 WTRU terminal TA TE user adj2 equipment UE STA STB)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2020/05/05 19:27
L16	104	((server$4 gatewar$4 rout$4) NEAR6 (reply$4 feed$1back$4 feedbck$1 acknowledg$5 ACK) SAME (channel$4 frequency$4 path$4 rout$4 access$1 near2 code$4) SAME (location$4 gps$4) SAME (WD wireless adj2 device$4 WTRU terminal TA TE user adj2 equipment UE STA STB)) AND (@AD <"20080728") NOT L15	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2020/05/05 19:27
S1	2	"13056277"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/25 16:48
S2	34	("20060093135" | "20040022237" | "7055174" | "20060153342" | "20060258328" | "6724860" | "20070112964" | "7046658" | "20030200311" | "8116307" | "6151385" | "6597686" | "6744858" | "20060072550" | "20050025043" | "6963557" | "20040240439").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/25 18:09
S3	2	"13056277"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/13 16:03

S4	34	("20060093135" | "20040022237" | "7055174" | "20060153342" | "20060258328" | "6724860" | "20070112964" | "7046658" | "20030200311" | "8116307" | "6151385" | "6597686" | "6744858" | "20060072550" | "20050025043" | "6963557" | "20040240439").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/13 16:03
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S6	4	((JOHAN) near2 (BJORSELL)).INV.	US-PGPUB; USPAT	OR	ON	2013/03/13 16:16
S7	3	((MAKSYM) near2 (SOBOLYEV)).INV.	US-PGPUB; USPAT	OR	ON	2013/03/13 16:16
S8	2	((PENTTI) near2 (HUTTUNEN)).INV.	US-PGPUB; USPAT	OR	ON	2013/03/13 16:17
S10	5	(digifonica).as.	US-PGPUB; USPAT	OR	ON	2013/03/13 16:21
S11	5	S6 or S7 or S8 or S10	US-PGPUB; USPAT	OR	ON	2013/03/13 16:21
S12	288340	(370/310-338,395.$.ccls. "379".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2013/03/13 16:29
S13	1195	((caller 'calling party')same (callee 'called party') same access same code same request same call$4)	US-PGPUB; USPAT	OR	ON	2013/03/13 16:33
S14	701	S12 and ((caller 'calling party')same (callee 'called party') same access same code same request same call$4)	US-PGPUB; USPAT	OR	ON	2013/03/13 16:33
S15	40	S12 and ((caller 'calling party')same (callee 'called party') same access same code same request same call$4 same server same rout$5)	US-PGPUB; USPAT	OR	ON	2013/03/13 16:34

S16	23	S12 and ((caller 'calling party')same (callee 'called party') same access same code same request same call$4 same server same rout$5 same (channel or (ID identifier identificat$5)))	US-PGPUB; USPAT	OR	ON	2013/03/13 16:36
S18	2	us-20070112964-$.did. us-20040022237-$.did.	US-PGPUB; USPAT	OR	ON	2013/03/13 16:49
S19	4	us-20070112964-$.did. us-20040022237-$.did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/13 16:49
S20	245256	(370/310-338,395.$.ccls. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2013/03/13 16:52
S21	1	S20 and ((access adj code) same (channel adj (identifier ID identification) same request))	US-PGPUB; USPAT	OR	ON	2013/03/13 16:53
S22	366030	("370".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2013/03/13 16:54
S24	354	S22 and ((access adj code) same (channel ID identification) same request)	US-PGPUB; USPAT	OR	ON	2013/03/13 16:55
S25	8	S22 and ((access adj code) same (channel with (ID identification)) same request)	US-PGPUB; USPAT	OR	ON	2013/03/13 16:56
S26	10	S22 and ((access adj2 code) same caller same callee)	US-PGPUB; USPAT	OR	ON	2013/03/13 16:59
S27	58	S22 and ((phone caller callee 'calling party') same server same router same (initiat$4 or setup or sett$4)same channel)	US-PGPUB; USPAT	OR	ON	2013/03/13 17:05
S28	10	S22 and ((phone caller callee "calling party" "called party" "called terminal" "calling party") same server same rout$5 same (call near5 (initiat$4 or	US-PGPUB; USPAT	OR	ON	2013/03/13 17:19

		setup)) same channel same request same (ID identif$7))				
S29	257	S22 and (caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5)	US-PGPUB; USPAT	OR	ON	2013/03/13 17:27
S30	72	S22 and (caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5) same access$5	US-PGPUB; USPAT	OR	ON	2013/03/13 17:28
S31	11	(US-20070281705-$ or US-20130028251-$ or US-20090252159-$ or US-20080049732-$ or US-20070121590-$ or US-20040042607-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$).did. or (US-7068684-$ or US-6963635-$).did.	US-PGPUB; USPAT	OR	ON	2013/03/13 19:13
S32	9	S31 and ((caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5))	US-PGPUB; USPAT	OR	ON	2013/03/13 19:13
S33	3	S31 and ((caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5) and processor and interface and identification)	US-PGPUB; USPAT	OR	ON	2013/03/13 19:16
S34	7	S31 and ((caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5) and channel and (initiat$5 setup) and (identi$7 ID))	US-PGPUB; USPAT	OR	ON	2013/03/13 19:18
S35	7	S31 and ((caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5) and channel and (initiat$5 setup) and	US-PGPUB; USPAT	OR	ON	2013/03/13 19:21

		(identi$7 ID) and voice and (location local$3 geograph$5 area) and number)				
S36	2	S31 and ((caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5) and channel and (initiat$5 setup) and (identi$7 ID) and voice and (location local$3 geograph$5 area) and number and expir$5)	US-PGPUB; USPAT	OR	ON	2013/03/13 19:22
S37	2	S31 and ((caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5) and channel and (initiat$5 setup) and (identi$7 ID) and voice and (location local$3 geograph$5 area) and number and expir$5 and (access adj code))	US-PGPUB; USPAT	OR	ON	2013/03/13 19:54
S39	3	"7079526".pn. us-20030114145-$.did. "6016319".pn.	US-PGPUB; USPAT	OR	ON	2013/03/14 11:27
S40	409041	("370".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:17
S43	21100	S40 and (initiat$4 adj3 call)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:21
S44	128	S40 and ((initiat$4 adj2 call) same (access adj2 code))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:22
S45	101	S40 and ((initiat$4 adj2 call) same (access adj2 code) and (channel ID))	US-PGPUB; USPAT; FPRS; EPO; JPO;	OR	ON	2013/03/15 11:23

			DERWENT; IBM_TDB			
S46	38	S40 and ((initiat$4 adj2 call) same (access adj2 code) and (channel ID) and ((voice data) adj2 network))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:23
S47	33	S40 and ((initiat$4 adj2 call) same (access adj2 code) and (channel ID) and ((non$voice data) adj2 network$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:25
S48	11	S40 and ((initiat$4 adj2 call) same (access adj2 code) and (channel ID) and ((non$voice data) adj2 network$5) and (indentifier ID indentification))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:26
S49	35	("2006/0189337").URPN.	USPAT	OR	ON	2013/03/15 11:34
S50	5	S46 not S47	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:46
S51	63	S45 not S46	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:47
S52	409041	("370".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:52

S53	0	S52 and ((initiat$4 adj2 call) same (access adj2 code) same (data adj2 network$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:52
S54	213	S52 and ((initiat$4 with call) same (access adj5 code) and (data with network$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:53
S55	159	S52 and ((initiat$4 with call) same (access adj5 code) and (data with network$5) and (wirless mobile handfree))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:54
S56	22	S52 and ((initiat$4 with call) same (access adj5 code) and (data with network$5) and (wirless mobile handfree) adj5 (IP or (internet adj2 protocol)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:54
S57	20	S52 and ((initiat$4 with call) same (access adj5 code) and (data adj5 network$5) and (wirless mobile handfree) adj5 (IP or (internet adj2 protocol)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:55
S58	17	(US-20070281705-$ or US-20130028251-$ or US-20090252159-$ or US-20080049732-$ or US-20070121590-$ or US-20040042607-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2013/03/15 12:01

S62	17	S58 and (server)	US-PGPUB; USPAT; DERWENT	OR	ON	2013/03/15 12:02
S63	11	S58 and (server and client)	US-PGPUB; USPAT; DERWENT	OR	ON	2013/03/15 12:03
S64	181	S52 and (channel same (ID indentifier indentification) same request same server same (router rout$5 gateway adj control$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:32
S65	27	S52 and (channel same (ID indentifier indentification) same request same (call$5 near5 server) same (router rout$5 gateway adj control$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:33
S67	154	S64 not S65	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:34
S68	32	S52 and (channel same (ID indentifier indentification) same request same (call$5 near5 server) same (router rout$5 gateway))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:34
S69	2	S52 and (channel same (ID indentifier indentification) same request same (call$5 near5 server) same (router rout$5 gateway) and (wireless adj2 ip adj4 network$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:35
S72	2	S52 and (channel same (ID indentifier indentification) same request same (call$5 near5 server) same (router rout$5 gateway) AND (wireless adj2 ip adj4 network$5))	US-PGPUB; USPAT; FPRS; EPO; JPO;	OR	ON	2013/03/15 12:36

			DERWENT; IBM_TDB			
S73	5	S52 and (channel same (ID indentifier indentification) same request same (call$5 near5 server) same (router rout$5 gateway) AND (wireless with (ip or (internet adj2 protocol))))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:46
S74	12	S52 and (channel same (ID indentifier indentification) same request same (call$5 near5 server) same (router rout$5 gateway) AND ((wireless mobile) with (ip or (internet adj2 protocol))))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:48
S76	7	S74 not S73	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:49
S77	432569	("370".clas. "709".clas. "455".clas. "725".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 13:10
S79	2	S77 and (channel same (ID indentifier indentification) same request same (call$5 near5 server) same (router rout$5 gateway) AND (wireless adj5 IP))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 13:11
S82	0	S79 and (POOL)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:32
S83	0	S79 and (indenfi$5)	US-PGPUB; USPAT; FPRS; EPO; JPO;	OR	ON	2013/03/15 15:33

			DERWENT; IBM_TDB			
S84	2	S79 and (identifi$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:33
S85	2	S79 and (identifi$5 and access)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:33
S86	0	S79 and (identifi$5 with access)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:33
S87	2	S79 and (identifi$5 and access and number)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:33
S88	2	S79 and (identifi$5 and access and number and associat$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:34
S89	2	S79 and (identifi$5 and access and number and associat$5 and select$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:34
S90	900	S52 and (pool database) with (access adj code phone adj number) with (associat$3 respective)	US-PGPUB; USPAT; FPRS; EPO; JPO;	OR	ON	2013/03/15 15:57

			DERWENT; IBM_TDB			
S91	0	S52 and (pool database) with (access adj code) with (phone adj number) with (associat$3 respective) same (wireless IP)\	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:57
S92	0	S52 and (pool database) with (access adj code) with (phone adj number) with (associat$3 respective) and (wireless IP)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:58
S93	820	S52 and (pool database) with (access adj code phone adj number) with (associat$3 respective) and (wireless IP)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:58
S94	181	S52 and (pool database) with (access adj code phone adj number) with (associat$3 respective) same (wireless IP)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:58
S95	8	S52 and (pool database) with (access adj code phone adj number) with (associat$3 respective) same (wireless with IP)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:59
S98	20	(US-20070281705-$ or US-20130028251-$ or US-20090252159-$ or US-20080049732-$ or US-20070121590-$ or US-20040042607-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or	US-PGPUB; USPAT; DERWENT	OR	ON	2013/03/15 16:13

		US-6016319-$ or US-6674745-$).did. or (WO-2010012090-$).did.				
S99	11	S98 and (local with number)	US-PGPUB; USPAT; DERWENT	OR	ON	2013/03/15 16:17
S100	9	S98 and (local near7 number)	US-PGPUB; USPAT; DERWENT	OR	ON	2013/03/15 16:19
S101	7	S98 and (local near4 number)	US-PGPUB; USPAT; DERWENT	OR	ON	2013/03/15 16:19
S102	3	(US-20040022237-$ or US-20080056235-$).did. or (US-6674745-$).did.	US-PGPUB; USPAT	OR	ON	2013/03/15 16:49
S103	3	S102 AND (ip adj2 address)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:49
S104	0	S102 AND (ip adj2 address with mobile)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:50
S105	2	S102 AND (ip adj2 address with (receiv$5 reception))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:50
S106	3	S102 AND (ip adj2 address with server)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:52
S107	0	S102 AND (ip adj2 address with server with receiv$3)	US-PGPUB; USPAT;	OR	ON	2013/03/15 16:53

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S108	1	S102 AND (ip adj2 address with receiv$3 same server)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:53
S109	0	S102 AND ((ip adj address) with caller)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:54
S110	2	S102 AND ((ip adj address) with call$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:54
S111	1	"12116756"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 14:43
S112	3	(US-20040022237-$ or US-20080056235-$).did. or (US-6674745-$).did.	US-PGPUB; USPAT	OR	ON	2013/03/16 15:36
S115	1	S112 AND (identif$5 same wireless)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 15:37
S116	3	S112 AND (identif$5 and (mobile wireless))	US-PGPUB; USPAT; FPRS; EPO; JPO;	OR	ON	2013/03/16 16:09

			DERWENT; IBM_TDB			
S117	1	S112 AND (identif$5 with (mobile wireless))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:09
S118	2	S112 AND (identif$5 same (mobile wireless))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:09
S119	3	S112 AND (identi$6 and (mobile wireless) and config$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:11
S122	3	S112 AND (identi$6 and (mobile wireless) and config$5 and user)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:11
S123	3	S112 AND (identi$6 and (mobile wireless) and config$5 and user and location)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:12
S124	2	S112 AND (identi$6 same (mobile wireless) and config$5 and user and location)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:12
S126	1	S112 AND (identi$6 same (mobile wireless) and (config$5 same location) and user)	US-PGPUB; USPAT; FPRS; EPO; JPO;	OR	ON	2013/03/16 16:13

			DERWENT; IBM_TDB			
S127	1	S112 AND (identi$6 same (mobile wireless) same location and (config$5 same user))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:17
S128	2	S112 AND (location same identi$6 same user)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:50
S129	3	S112 AND (local same number)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 17:08
S130	2	S112 AND (local near5 number)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 17:12
S131	3	S112 AND (IP adj2 network same rout$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 17:19
S136	3	S112 AND (call same channel)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 17:39
S137	1	S112 AND (call same channel same establ$5)	US-PGPUB; USPAT; FPRS; EPO; JPO;	OR	ON	2013/03/16 17:39

			DERWENT; IBM_TDB			
S141	1	S112 AND (establ$5 same call same channel)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 17:41
S142	2	S112 AND (call$5 same identif$6 same access)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 18:31
S143	1	S112 AND (call$5 same identif$6 same access same code)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 18:31
S144	3	(US-20040022237-$ or US-20080056235-$).did. or (US-6674745-$).did.	US-PGPUB; USPAT	OR	ON	2013/03/18 19:29
S145	3	S144 and (telephone same number)	US-PGPUB; USPAT	OR	ON	2013/03/18 19:30
S146	2	S144 and ((number or code) with match$4)	US-PGPUB; USPAT	OR	ON	2013/03/18 19:31
S147	3	S144 and ((number or code or ID or identifier) with called)	US-PGPUB; USPAT	OR	ON	2013/03/18 19:37
S148	2	S144 and ((number or code or ID or identifier) with channel)	US-PGPUB; USPAT	OR	ON	2013/03/18 19:45
S149	1	S144 and ((number or code) same (ID or identifier) same channel)	US-PGPUB; USPAT	OR	ON	2013/03/18 19:46
S150	2	S144 and ((number or code or ID or identifier) same channel same (called dialed))	US-PGPUB; USPAT	OR	ON	2013/03/18 19:49
S151	2	S144 and (channel same (called dialed))	US-PGPUB; USPAT	OR	ON	2013/03/18 19:51

S152	3	S144 and (TTL expir$5 timestap)	US-PGPUB; USPAT	OR	ON	2013/03/18 19:56
S153	3	S144 and (TTL expir$5 timestamp)	US-PGPUB; USPAT	OR	ON	2013/03/18 19:56
S154	2	S144 and (data non$1voice) with (reply respon$4)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:09
S155	2	S144 and (data non$1voice) same (code numer ID identifier) same (reply respon$4)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:10
S156	3	S144 and (data non$1voice) same (code numer ID identifier)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:12
S157	3	S144 and (data non$1voice) same (code numer ID identifier) same2 (reply$3 respon$5)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:14
S158	3	S144 and (data non$1voice) same (code number ID identifier) same2 (reply$3 respon$5)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:14
S159	3	S144 and (data non$1voice) same (code number ID identifier) same (reply$3 respon$5)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:17
S160	1	S144 and code with (reply$3 respon$5)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:19
S161	3	S144 and (number ID identifier) with (reply$3 respon$5)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:21
S162	2	S144 and (access adj code)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:23
S163	0	S144 and (access adj code) same (reply reponse respond$3)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:23
S164	1	S144 and (access adj code) same2 (reply reponse respond$3)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:24
S165	1	S144 and code same query	US-PGPUB; USPAT	OR	ON	2013/03/18 20:26
S166	0	"L29" and (data with interface with access adj code with (reply response respond$3))	US-PGPUB; USPAT	OR	ON	2013/03/18 20:26

S167	366130	("370".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2013/03/18 20:27
S168	6	S167 and (data with interface with access adj code with (reply response respond$3))	US-PGPUB; USPAT	OR	ON	2013/03/18 20:27
S169	1	S167 and (access adj code) with expir$5 with (establish$4 ssetup)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:41
S170	3	S167 and (access adj code) with expir$5 with (establish$4 setup)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:41
S171	8	S167 and (access adj code) with expir$5 with call$3	US-PGPUB; USPAT	OR	ON	2013/03/18 20:43
S172	5	(US-20040022237-$ or US-20080056235-$ or US-20020122391-$).did. or (US-6674745-$ or US-5454030-$).did.	US-PGPUB; USPAT	OR	ON	2013/03/22 14:46
S173	3	S172 and (dial$3 with number)	US-PGPUB; USPAT	OR	ON	2013/03/22 15:52
S174	2	S172 and (called with number with request)	US-PGPUB; USPAT	OR	ON	2013/03/22 15:58
S175	1	S172 and (calling with number with request)	US-PGPUB; USPAT	OR	ON	2013/03/22 16:00
S176	1	S172 and (calling with request)	US-PGPUB; USPAT	OR	ON	2013/03/22 16:01
S178	2	S172 and (request with access)	US-PGPUB; USPAT	OR	ON	2013/03/22 16:03
S179	4	S172 and (access near code)	US-PGPUB; USPAT	OR	ON	2013/03/22 16:04
S180	1	S172 and (access with soft)	US-PGPUB; USPAT	OR	ON	2013/03/22 16:06
S181	1	S172 and (access same soft same (caller calling))	US-PGPUB; USPAT	OR	ON	2013/03/22 16:08
S182	1	S172 and (access same request$3 same (caller calling))	US-PGPUB; USPAT	OR	ON	2013/03/22 16:09

S185	1	S172 and (reply with request$3)	US-PGPUB; USPAT	OR	ON	2013/03/22 16:15
S186	5	S172 and (reply response)	US-PGPUB; USPAT	OR	ON	2013/03/22 16:16
S187	4	S172 and ((reply response) with (code id identif$8))	US-PGPUB; USPAT	OR	ON	2013/03/22 16:19
S188	4	S172 and ((calling caller) with (code id identif$8))	US-PGPUB; USPAT	OR	ON	2013/03/22 16:21
S189	3	S172 and ((calling caller) with (reply$3 respon$5))	US-PGPUB; USPAT	OR	ON	2013/03/22 16:23
S190	1	S172 and ((calling caller) same called same (initial$5 code access))	US-PGPUB; USPAT	OR	ON	2013/03/22 16:24
S191	4	S172 and ((reply response) with (code id identif$8) with (reply$3 respon$5))	US-PGPUB; USPAT	OR	ON	2013/03/22 16:38
S193	5	(US-20040022237-$ or US-20080056235-$ or US-20020122391-$).did. or (US-6674745-$ or US-5454030-$).did.	US-PGPUB; USPAT	OR	ON	2013/03/23 12:05
S194	3	S193 and (ip adj2 address)	US-PGPUB; USPAT	OR	ON	2013/03/23 12:06
S195	0	S193 and (ip adj2 address with mobile)	US-PGPUB; USPAT	OR	ON	2013/03/23 12:07
S196	1	S193 and (ip adj2 address same mobile)	US-PGPUB; USPAT	OR	ON	2013/03/23 12:07
S197	3	S193 and (ip adj2 address)	US-PGPUB; USPAT	OR	ON	2013/03/23 12:08
S198	3	S193 and (ip adj1 address)	US-PGPUB; USPAT	OR	ON	2013/03/23 12:17
S199	1	S193 and (mobile same routed)	US-PGPUB; USPAT	OR	ON	2013/03/23 13:17
S200	2	S193 and (mobile same rout$4)	US-PGPUB; USPAT	OR	ON	2013/03/23 13:18
S201	2	US-20070112964-$.did.	US-PGPUB; USPAT;	OR	ON	2013/03/25 12:44

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S202	2	"5519769".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/25 12:55
S203	5	"13056277"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/11/09 13:30
S204	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/11/09 13:30
S205	68	("20020116464" | "20040255126" | "20060072547" | "20060093135" | "20060153342" | "20080056302" | "20120099599" | "20120227101" | "5469497" | "5608786" | "5712907" | "5838682" | "5905736" | "5930343" | "5991291" | "6005926" | "20120170574" | "20040203582" | "20050287979" | "20070047548" | "20080167019" | "20080167020" | "20080187122" | "20100177671" | "20110201321" | "6993015" | "7400881" | "7573982" | "7738384" | "8041022" | "8189568" | "8437340" | "8462915" | "8605714" | "8750290" | "7587036" | "20140349602" | "8111690" | "8713098" | "20090213839" | "20100083364" | "20100115018" | "20110208859" | "20110276903" | "20110276904" | "20110292929" | "20120089717" | "20130329722" | "20140016764" | "8078164" | "8396445" | "8634838" |	US-PGPUB; USPAT	OR	OFF	2015/11/09 14:04

		"8903051" | "8909556" | "8938534" | "20050222952" | "6636833" | "7447707" | "7676431" | "7765261" | "8161078" | "8627211" | "20020122391" | "20060160565" | "20060177035" | "20060209768" | "20080037715" | "5146491").pn.				
S206	7	((Pentti) near2 (Huttunen)).INV.	US-PGPUB; USPAT	OR	OFF	2015/11/09 14:08
S208	4	((Emil) near2 (Malak)).INV.	US-PGPUB; USPAT	OR	OFF	2015/11/09 14:08
S209	19	((bjorsell) near2 (johan)).INV.	US-PGPUB; USPAT	OR	OFF	2015/11/09 14:09
S210	21	(digifonica).as.	US-PGPUB; USPAT	OR	ON	2015/11/09 14:09
S211	9	((Maksym) near2 (Sobolyev)).INV.	US-PGPUB; USPAT	OR	OFF	2015/11/09 14:10
S212	25	S206 S208 S209 S210 S211	US-PGPUB; USPAT	OR	OFF	2015/11/09 14:10
S213	267985	(370/310-338,395.$.ccls. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2015/11/09 14:12
S214	9728	S213 and ((location$4 GPS) AND (ID identificat$4)).clm.	US-PGPUB; USPAT	OR	ON	2015/11/09 14:12
S215	1	S212 and ((location$4 GPS) AND (ID identificat$4)).clm.	US-PGPUB; USPAT	OR	ON	2015/11/09 14:12
S216	3	S212 and ((location$4 GPS) AND (ID identificat$4 key flag$4 number digit)).clm.	US-PGPUB; USPAT	OR	ON	2015/11/09 14:13
S217	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/11/09 14:14

S218	22	(US-20070281705-$ or US-20130028251-$ or US-20090252159-$ or US-20080049732-$ or US-20070121590-$ or US-20040042607-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/09 15:24
S219	20	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/09 16:15
S220	22	(US-20070281705-$ or US-20090252159-$ or US-20130028251-$ or US-20040042607-$ or US-20080049732-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/09 16:15
S221	21	S220 and (locat$4 GPS)	US-PGPUB; USPAT; FPRS; EPO;	OR	OFF	2015/11/09 16:15

			JPO; DERWENT; IBM_TDB			
S222	17	S220 and (locat$4 GPS) AND (ID identificat$4 key$4 flag$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:16
S223	13	S220 and (locat$4 GPS) SAME (ID identificat$4 key$4 flag$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:16
S224	13	S220 and (locat$4 GPS) SAME (ID identificat$4 key$4 flag$4) AND (mobile wireless cellular portable)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:16
S225	10	S220 and (locat$4 GPS) SAME (ID identificat$4 key$4 flag$4) SAME (mobile wireless cellular portable)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:16
S226	10	S220 and (locat$4 GPS) SAME (ID identificat$4 key$4 flag$4) SAME (mobile wireless cellular portable) AND (server$4 router$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:17
S227	9	S220 and (locat$4 GPS) SAME (ID identificat$4 key$4 flag$4) SAME (mobile wireless cellular portable) SAME (server$4 router$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:17
S228	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO;	OR	OFF	2015/11/09 16:28

			JPO; DERWENT; IBM_TDB			
S230	4816	H04W8/02.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2015/11/09 16:29
S231	5819	H04W76/025.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:31
S233	5844	H04W76/021.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:32
S235	27	S230 AND (plac$3 WITH VOIP same call$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:33
S236	56	(S230 S231 S233) AND (plac$3 WITH VOIP same call$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 17:19
S237	48	(S230 S231 S233) AND (plac$3 SAME (wireless mobile cellular) WITH VOIP same call$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 17:20
S238	63	(S230 S231 S233) AND (plac$3 SAME (wireless mobile cellular) SAME (voice adj2 over adj2 internet VOIP) same call$3)	US-PGPUB; USPAT; FPRS; EPO; JPO;	OR	OFF	2015/11/09 17:20

			DERWENT; IBM_TDB			
S239	2	(US-20040022237-$ or US-20080056235-$).did.	US-PGPUB	OR	OFF	2015/11/09 17:34
S240	28	(S230 S231 S233) AND (plac$3 SAME (wireless mobile cellular) SAME (voice adj2 over adj2 internet VOIP) same call$3 AND (SMS short adj2 messag$4 adj2 serv$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 17:35
S241	4816	H04W8/02.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2015/11/09 19:23
S242	5819	H04W76/025.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:23
S243	5844	H04W76/021.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:23
S244	976	(S241 S242 S243) AND (SMS short adj2 messag$4 adj2 servic$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:23
S245	397	(S241 S242 S243) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) AND (SMS short adj2 messag$4 adj2 servic$3))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:24
S246	259	(S241 S242 S243) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) AND	US-PGPUB; USPAT; FPRS; EPO;	OR	OFF	2015/11/09 19:25

		(SMS short adj2 messag$4 adj2 servic$3) AND server and controller)	JPO; DERWENT; IBM_TDB			
S247	29	(S241 S242 S243) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) AND (SMS short adj2 messag$4 adj2 servic$3) AND server and controller and (location adj2 ID location adj2 identif$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:26
S248	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:35
S249	1	S248 and (receiv$$ SAME user SAME identifier SAME destination)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:36
S250	1	S248 and (receiv$$ SAME user SAME identifier)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:36
S251	20	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/29 22:07

S252	252985	((H04L29/06027 OR H04L29/06 OR H04L29/1216 OR H04L61/157 OR H04L65/1069 OR H04L12/4608 OR H04L12/66 OR H04L29/12122 OR H04L61/1547 OR H04L65/1026 OR H04L65/103 OR H04L65/1036 OR H04L65/104 OR H04L67/14 OR H04L69/329 OR H04L12/1813 OR H04L12/5695 OR H04L12/6418 OR H04L2012/5626 OR H04L2012/563 OR H04L2012/5645 OR H04L2012/5667 OR H04L2012/5668 OR H04L2012/6472 OR H04L29/12094 OR H04L29/12584 OR H04L29/12896 OR H04L29/12933 OR H04L47/724 OR H04L47/803 OR H04L47/805 OR H04L61/1529 OR H04L61/2015 OR H04L61/2596 OR H04L61/605 OR H04L61/6068 OR H04L63/061 OR H04L63/0823 OR H04L63/126 OR H04L63/164 OR H04L65/1003 OR H04L65/1006 OR H04L65/1009 OR H04L65/1013 OR H04L65/1043 OR H04L65/1046 OR H04L65/1083 OR H04L65/1096 OR H04L65/4007 OR H04L65/403 OR H04L65/604 OR H04L65/605 OR H04L67/02 OR H04L67/04 OR H04L67/24 OR H04L67/34 OR H04L67/40 OR H04L69/08 OR H04M15/00 OR H04M7/006 OR H04M7/009 OR H04M11/066 OR H04M15/06 OR H04M15/08 OR H04M15/41 OR H04M15/43 OR H04M15/48 OR H04M15/56 OR H04M15/63 OR H04M15/68 OR H04M15/745 OR H04M15/8292 OR H04M1/2473 OR H04M1/2535 OR H04M2203/2022 OR H04M2203/4536 OR H04M2207/12 OR H04M2207/18 OR H04M2207/20 OR H04M2215/0108 OR H04M2215/0156 OR H04M2215/0164 OR H04M2215/0168 OR H04M2215/0196 OR H04M2215/202 OR H04M2215/62 OR H04M2215/68 OR H04M2242/14 OR H04M3/20 OR H04M3/42 OR H04M3/42008 OR H04M3/42042 OR H04M3/42068 OR H04M3/4228 OR H04M3/42314 OR H04M3/42348 OR H04M3/42365 OR	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/29 22:25

		H04M3/523 OR H04M3/53325 OR H04M3/545 OR H04M3/567 OR H04M7/00 OR H04M7/0021 OR H04M7/0057 OR H04M7/123 OR H04M7/1245 OR H04M7/125 OR H04M7/1255 OR H04M7/126 OR H04M7/128 OR H04M7/1285 OR H04Q3/0025 OR H04Q3/0045 OR H04Q11/0478 OR H04Q2213/13098 OR H04Q2213/1324 OR H04Q2213/13288 OR G06Q20/3674 OR H04H60/43 OR H04H60/51 OR H04H60/91 OR H04N21/2665 OR H04N21/4126 OR H04N21/42203 OR H04N21/6581 OR H04N21/6582 OR H04N7/17318 OR H04W28/16 OR H04W4/06 OR H04W4/10 OR H04W4/22 OR H04W60/04 OR H04W76/005 OR H04W76/007 OR H04W76/02 OR H04W76/021 OR H04W76/025 OR H04W80/00 OR H04W80/04 OR H04W84/005 OR H04W88/08 OR H04W8/02 OR H04W8/085 OR Y10S379/90).CPC.)				
S253	1	"14035806"	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/29 22:26
S254	6639	((H04W76/021 OR H04W76/025 OR H04W8/02).CPC.)	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/29 22:45
S255	268033	(370/310-338,395.$.ccls. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2015/11/29 23:32
S256	4832	H04W8/02.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2015/11/29 23:32
S257	5881	H04W76/025.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/29 23:32

S258	5933	H04W76/021.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/29 23:32
S259	29	(S256 S257 S258) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) AND (SMS short adj2 messag$4 adj2 servic$3) AND server and controller and (location adj2 ID location adj2 identif$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/29 23:32
S260	265	(S254 S255) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) AND (SMS short adj2 messag$4 adj2 servic$3) AND server and controller and (location adj2 ID location adj2 identif$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/29 23:33
S261	95	(S254 S255) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) SAME (SMS short adj2 messag$4 adj2 servic$3) AND server and controller and (location adj2 ID location adj2 identif$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/29 23:33
S262	25	(S254 S255) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) SAME (SMS short adj2 messag$4 adj2 servic$3) AND server SAME (location adj2 ID location adj2 identif$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/29 23:33
S263	4	(S254 S255) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) SAME (SMS short adj2 messag$4 adj2 servic$3) SAME server SAME (location adj2 ID location adj2 identif$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/29 23:34
S264	6575	(reply with mobile) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2015/11/30 00:57
S265	2208	(reply with mobile same server) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2015/11/30 00:57

S266	168	(reply with mobile same server same sms) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2015/11/30 00:57
S267	35	(reply with mobile same server same sms same gateway) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2015/11/30 00:58
S268	25	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/30 02:11
S269	12	S268 and SMS	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 02:11
S270	12	S268 and (SMS same server$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 02:12
S271	1	S268 and (SMS same server$3 same locat$4 NEAR5 (ID address identificat$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 02:12

S272	25	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/30 09:34
S273	12	S272 and (SMS same server$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 09:34
S274	5	S272 and (SMS same server$3 SAME (location GPS))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 09:38
S275	5	"20080101370"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 09:42
S276	26	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/30 09:47

		or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.				
S277	6	S276 and (SMS SAME server SAME (location GPS))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 09:47
S278	8	S276 and (SMS SAME server SAME3 (location GPS))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 10:08
S279	17	S276 and ((ID identification key flag address) SAME (location GPS))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 11:00
S280	15	S276 and ((ID identification key flag address) SAME (location GPS) SAME server)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 11:01
S281	11	S276 and ((transmit$4 send$4) SAME (ID identification key flag address) SAME (location GPS) SAME server)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 11:03
S282	3	S276 and ((transmit$4 send$4) SAME (ID identification key flag address) WITH (location GPS) WITH server)	US-PGPUB; USPAT; FPRS; EPO; JPO;	OR	OFF	2015/11/30 11:11

			DERWENT; IBM_TDB			
S283	2	(US-20080160953-$ or US-20080056235-$).did.	US-PGPUB	OR	OFF	2015/11/30 12:07
S284	2	S283 and (SMS SAME server)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 12:07
S285	2	S283 and (location SAME channel)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 12:25
S286	1	"14035806"	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/30 12:59
S287	0	S283 and (poll)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:04
S288	1	S283 and (poll multiple)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:05
S289	2	S283 and (local and call)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:07
S290	2	S283 and (local SAME call)	US-PGPUB; USPAT; FPRS; EPO; JPO;	OR	OFF	2015/11/30 14:07

			DERWENT; IBM_TDB			
S291	2	S283 and (IP SAME address)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:09
S292	0	S283 and (time with out)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:20
S293	0	S283 and (expired)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:21
S294	1	S283 and (expired out)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:21
S295	26	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2016/01/02 22:35

S296	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	OFF	2016/01/02 22:36
S297	0	S296 and (destinat$$ adj2 (ID key flag identificat$4) and (location adj2 ID) and channel$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/02 22:37
S298	0	S296 and (destinat$$ SAME (ID key flag identificat$4) SAME (location adj2 ID) and channel$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/02 22:37
S299	1	S296 and (destinat$$ SAME (ID key flag identificat$4) SAME channel$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/02 22:38
S300	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	OFF	2016/01/03 18:45
S301	1	S300 and (destinat$$ SAME (ID key flag identificat$4) SAME channel$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/03 18:45
S302	26	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-	US-PGPUB; USPAT; DERWENT	OR	OFF	2016/01/06 12:00

		6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.				
S303	2	"13710282"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/06 17:24
S304	1	S303 and (similar SAME power$4 same sav$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/06 17:25
S305	1	S303 and (similar NEAR10 power$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/06 18:18
S306	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	OFF	2016/01/06 21:55
S307	26	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2016/01/07 14:24
S308	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	OFF	2016/01/07 14:24

S309	1	"14035806"	US-PGPUB; USPAT	OR	OFF	2016/01/07 15:02
S310	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	OFF	2016/01/07 15:03
S311	26	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2016/01/07 15:03
S312	1	S310 and ((channel$4 tunnel$4 frequenc$4) WITH (ID identificat$4 key flag))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/07 15:04
S313	2	S310 and ((channel$4 tunnel$4 frequenc$4) SAME (ID identificat$4 key flag))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/07 15:04
S314	1	S310 and ((channel$4 tunnel$4 frequenc$4) NEAR10 (ID identificat$4 key flag))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/07 15:35
S315	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	OFF	2016/01/07 15:35

S316	1	S315 and (destinat$$ SAME (ID key flag identificat$4) SAME channel$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/07 15:35
S317	2	S315 and (channel)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/07 16:18
S319	2	S315 and (channel and location)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/07 18:15
S320	5569	H04W8/02.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2016/10/17 13:25
S321	8486	H04W76/025.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/10/17 13:25
S322	8300	H04W76/021.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/10/17 13:25
S323	46	(S320 S321 S322) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) AND (SMS short adj2 messag$4 adj2 servic$3) AND server and controller and (location adj2 ID location adj2 identif$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/10/17 13:25

S324	8	((Pentti) near2 (Huttunen)).INV.	US-PGPUB; USPAT	OR	OFF	2016/10/17 13:25
S325	4	((Emil) near2 (Malak)).INV.	US-PGPUB; USPAT	OR	OFF	2016/10/17 13:25
S326	22	((bjorsell) near2 (johan)).INV.	US-PGPUB; USPAT	OR	OFF	2016/10/17 13:25
S327	21	(digifonica).as.	US-PGPUB; USPAT	OR	ON	2016/10/17 13:25
S328	10	((Maksym) near2 (Sobolyev)).INV.	US-PGPUB; USPAT	OR	OFF	2016/10/17 13:25
S329	29	S324 S325 S326 S327 S328	US-PGPUB; USPAT	OR	OFF	2016/10/17 13:25
S330	1	S329 and ((location$4 GPS) AND (ID identificat$4)).clm.	US-PGPUB; USPAT	OR	ON	2016/10/17 13:25
S331	313876	(370/310-338,395.$.ccls. "379".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2016/10/17 13:26
S332	28	S331 and ((caller 'calling party')same (callee 'called party') same access same code same request same call$4 same server same rout$5 same (channel or (ID identifier identificat$5)))	US-PGPUB; USPAT	OR	ON	2016/10/17 13:26
S333	268664	(370/310-338,395.$.ccls. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2016/10/17 13:26
S334	1	S333 and ((access adj code) same (channel adj (identifier ID identification) same request))	US-PGPUB; USPAT	OR	ON	2016/10/17 13:26
S335	506306	("370".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/10/17 13:26
S336	12	S335 and ((initiat$4 adj2 call) same (access adj2 code) and (channel ID)	US-PGPUB; USPAT; FPRS; EPO;	OR	ON	2016/10/17 13:26

		and ((non$voice data) adj2 network$5) and (indentifier ID indentification))	JPO; DERWENT; IBM_TDB			
S337	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	ON	2016/10/17 13:55
S338	2	S337 and (database list table log) WITH (locat$4 GPS)	US-PGPUB	OR	ON	2016/10/17 14:12
S339	2	S337 and (database list table log) WITH (locat$4 GPS) AND (IP internet adj2 protocol)	US-PGPUB	OR	ON	2016/10/17 14:19
S340	0	S337 and (database list table log) WITH (locat$4 GPS) WITH (IP internet adj2 protocol)	US-PGPUB	OR	ON	2016/10/17 14:19
S341	2	S337 and (database list table log) WITH (locat$4 GPS) SAME (IP internet adj2 protocol)	US-PGPUB	OR	ON	2016/10/17 14:19
S342	2	S337 and (database list table log) WITH (locat$4 GPS) SAME (IP internet adj2 protocol) and location	US-PGPUB	OR	ON	2016/10/17 14:45
S343	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2016/11/15 14:32
S344	26	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2016/11/15 15:00

S345	6	cn adj2 "102307082"	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2016/11/15 15:52
S346	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2016/11/15 16:54
S347	1	(US-20080056235-$).did.	US-PGPUB	OR	ON	2016/11/15 19:52
S348	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	ON	2016/11/15 19:53
S349	2	S348 AND (locat$5 GPS) WITH (ID key identification flag$4)	US-PGPUB	OR	ON	2016/11/15 19:54
S350	2	S348 AND (locat$5 GPS) WITH (ID key identification flag$4) AND (ID key identification flag$4)	US-PGPUB	OR	ON	2016/11/15 19:55
S351	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	ON	2016/11/15 20:58
S352	2	S351 AND (locat$5 GPS) WITH (ID key identification flag$4) AND (ID key identification flag$4)	US-PGPUB	OR	ON	2016/11/15 20:58
S353	432	((Access NEAR5 server) AND (location$4 GPS) SAME (destinat$4 NEAR5 ID)) AND (@AD <"201080728")	US-PGPUB	OR	ON	2016/11/15 21:57
S354	752	((Access NEAR5 server) AND (location$4 GPS) SAME (destinat$4 NEAR5 ID)) AND (@AD <"201080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2016/11/15 21:58
S355	402	((Access NEAR5 server) AND (location$4 GPS) WITH (destinat$4 NEAR5 ID)) AND (@AD <"201080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2016/11/15 21:58
S356	11	((Access NEAR5 server) SAME (location$4 GPS) WITH (destinat$4	US-PGPUB; USPAT;	OR	ON	2016/11/15 21:58

		NEAR5 ID)) AND (@AD <"201080728")	FPRS; EPO; JPO; IBM_TDB			
S357	97	((request$4 NEAR5 (messag$4 packet frame PDU data adj2 unit)) SAME (location$4 GPS) WITH (destinat$4 NEAR5 ID)) AND (@AD <"201080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2016/11/15 22:00
S358	19	((request$4 NEAR5 (messag$4 packet frame PDU data adj2 unit)) SAME (location$4 GPS) WITH (destinat$4 NEAR5 ID) SAME (server)) AND (@AD <"201080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2016/11/15 22:01
S359	43	((request$4 SAME (messag$4 packet frame PDU data adj2 unit)) SAME (location$4 GPS) SAME (destinat$4 NEAR5 ID) SAME (server) SAME (channel$4 path$4 rout$4)) AND (@AD <"201080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2016/11/15 22:42
S360	29	((JOHAN) near2 (BJORSELL)).INV.	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
S361	14	((MAKSYM) near2 (SOBOLYEV)).INV.	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
S362	8	((PENTTI) near2 (HUTTUNEN)).INV.	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
S363	21	(digifonica).as.	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
S364	34	S360 or S361 or S362 or S363	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
S365	313893	(370/310-338,395.$.ccls. "379".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
S366	27	S365 and ((caller 'calling party')same (callee 'called party') same access same code same request same call$4 same server same rout$5 same (channel or (ID identifier identificat$5)))	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58

S367	268678	(370/310-338,395.$.ccls. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
S368	1	S367 and ((access adj code) same (channel adj (identifier ID identification) same request))	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
S369	45	((request$4 SAME (messag$4 packet frame PDU data adj2 unit)) SAME (location$4 GPS) SAME (destinat$4 NEAR5 ID) SAME (server) SAME (channel$4 path$4 rout$4)) AND (@AD <"201080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2017/08/21 11:59
S370	400075	("370".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2017/08/21 11:59
S371	8	S370 and ((access adj code) same (channel with (ID identification)) same request)	US-PGPUB; USPAT	OR	ON	2017/08/21 11:59
S372	8	((Pentti) near2 (Huttunen)).INV.	US-PGPUB; USPAT	OR	OFF	2017/08/21 11:59
S373	4	((Emil) near2 (Malak)).INV.	US-PGPUB; USPAT	OR	OFF	2017/08/21 11:59
S374	29	((bjorsell) near2 (johan)).INV.	US-PGPUB; USPAT	OR	OFF	2017/08/21 11:59
S375	21	(digifonica).as.	US-PGPUB; USPAT	OR	ON	2017/08/21 11:59
S376	14	((Maksym) near2 (Sobolyev)).INV.	US-PGPUB; USPAT	OR	OFF	2017/08/21 11:59
S377	36	S372 S373 S374 S375 S376	US-PGPUB; USPAT	OR	OFF	2017/08/21 11:59
S378	1	S377 and ((location$4 GPS) AND (ID identificat$4)).clm.	US-PGPUB; USPAT	OR	ON	2017/08/21 11:59
S379	528836	("370".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO;	OR	ON	2017/08/21 12:00

			DERWENT; IBM_TDB			
S380	12	S379 and ((initiat$4 adj2 call) same (access adj2 code) and (channel ID) and ((non$voice data) adj2 network$5) and (indentifier ID indentification))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/08/21 12:00
S381	11	((Access NEAR5 server) SAME (location$4 GPS) WITH (destinat$4 NEAR5 ID)) AND (@AD <"201080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2017/08/21 12:00
S382	13	("20020150080" | "20060195584" | "20070121590" | "20070121602" | "20170104868" | "20170111265" | "20170126752" | "20170142256" | "576852106" | "6947531" | "7477843" | "9537762" | "9549071" | "9565307").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:07
S383	4	("20030043974" | "20050069097" | "6434143" | "7774711").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:07
S384	1	("7174156").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:07
S385	24	("20020057764" | "20050007999" | "20060109960" | "20060233317" | "20070036139" | "20070064919" | "20090238168" | "20100002701" | "20150327320" | "20150358470" | "20160006882" | "20160028619" | "4747124" | "5742596" | "5991378" | "6603977" | "6961334" | "7042985" | "7218722" | "7366157" | "7486684" | "8036366" | "8594298" | "9179005").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:07
S386	24	("20020057764" | "20050007999" | "20060109960" | "20060233317" | "20070036139" | "20070064919" | "20090238168" | "20100002701" | "20150327320" | "20150358470" | "20160006882" | "20160028619" | "4747124" | "5742596" | "5991378" |	US-PGPUB; USPAT	OR	ON	2017/08/21 13:08

		"6603977" | "6961334" | "7042985" | "7218722" | "7366157" | "7486684" | "8036366" | "8594298" | "9179005").PN.				
S387	43	("20050131813" | "20050171898" | "20050192897" | "20050192901" | "20050222952" | "20050267842" | "20060006224" | "20060036522" | "20060095320" | "20060116892" | "20060195398" | "20070016524" | "20140141884" | "5677955" | "5883810" | "6173272" | "6243689" | "6636833" | "6772188" | "6892184" | "7051072" | "7330835" | "7426492" | "7437665" | "7447707" | "7580886" | "7593884" | "7599944" | "7644037" | "7647500" | "7676431" | "7680737" | "7734544" | "7765261" | "7765266" | "7882011" | "7899742" | "8060887" | "8161078" | "8200575" | "8543477" | "8627211" | "8702505").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:08
S388	71	("20070053382" | "20090213839" | "20100083364" | "20100114896" | "20100115018" | "20100142382" | "20100220852" | "20100233991" | "20100278534" | "20100316195" | "20110072095" | "20110167164" | "20110208859" | "20110235543" | "20110273526" | "20110276903" | "20110276904" | "20110292929" | "20120089717" | "20120096145" | "20120155333" | "20120195236" | "20120259975" | "20120270554" | "20130039226" | "20130097308" | "20130128879" | "20130148549" | "20130173534" | "20130229950" | "20130287006" | "20130310002" | "20130318166" | "20130329722" | "20130329864" | "20140010119" | "20140016764" | "20140153477" | "20140215642" | "20140307858" | "20140321333" | "6327351" | "7203478" | "7958233" | "8078164" | "8127005" | "8166547" | "8190739" | "8223927" | "8300632" | "8315521" | "8396445" | "8526306" | "8599747" | "8599837" | "8634838" | "8774378" |	US-PGPUB; USPAT	OR	ON	2017/08/21 13:09

		"8819566" | "8848887" | "8862701" | "8885609" | "8903051" | "8903360" | "8909556" | "8938209" | "8938534" | "8948061" | "8972612" | "8982719" | "8995428" | "9003306").PN.				
S389	6	("20070217354" | "5917899" | "6005870" | "6597783" | "6873599" | "7010727").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:09
S390	54	("0000029" | "0000030" | "0000031" | "0000032" | "0000033" | "0000034" | "0000035" | "0000036" | "0000037" | "0000038" | "0000039" | "0000040" | "0000041" | "20010027478" | "20110255553" | "20110261717" | "20130223276" | "20130237198" | "20130254301" | "20130272297" | "20130281147" | "20140220944" | "20140227962" | "20140244393" | "20140247730" | "20140269624" | "20140324969" | "20140337961" | "20140349602" | "6937713" | "8111690" | "8219115" | "8228837" | "8243730" | "8275404" | "8364172" | "8410907" | "8417791" | "8423791" | "8468196" | "8493931" | "8532075" | "8682919" | "8713098" | "8749610" | "8767717" | "8774721" | "8780703" | "8792374" | "8792905" | "8805345" | "8810392" | "8837360" | "8838539").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:09
S391	7	("6445694" | "6574328" | "6785266" | "7486664" | "7512117" | "7587036" | "7764777").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:09
S392	141	("20010052081" | "20020002041" | "20020018445" | "20020141352" | "20030012196" | "20030095539" | "20030179747" | "20030219103" | "20040034793" | "20040203565" | "20040203582" | "20050063519" | "20050188081" | "20050190892" | "20050202799" | "20050287979" | "20060007940" | "20060013266" | "20060030290" | "20060078094" | "20060142011" | "20060146797" | "20060189303" | "20060205383" |	US-PGPUB; USPAT	OR	ON	2017/08/21 13:10

"20060248186" | "20060251056" |
"20060268921" | "20060281437" |
"20070047548" | "20070092070" |
"20070115935" | "20070121593" |
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"20080056243" | "20080166999" |
"20080167019" | "20080167020" |
"20080167039" | "20080187122" |
"20080188198" | "20080188227" |
"20080205378" | "20080310599" |
"20090003535" | "20090129566" |
"20090135724" | "20090214000" |
"20090268615" | "20090296900" |
"20100008345" | "20100039946" |
"20100105379" | "20100177671" |
"20100246589" | "20100272242" |
"20110013541" | "20110153809" |
"20110176541" | "20110201321" |
"20110267986" | "20120014383" |
"20120113981" | "20120195415" |
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"8166533" | "8189568" | "8204044" |
"8228897" | "8244204" | "8306063" |
"8363647" | "8427981" | "8437340" |
"8462915" | "8509225" | "8605714" |
"8605869" | "8607323" | "8611354" |
"8625578" | "8724643" | "8750290" |
"8763081" | "8768951" | "8774171" |
"8804705").PN.

S393	14	("20050198499" | "20100150138" | "20100150328" | "20100172345" | "20110122827" | "20120170574" | "5719926" | "5722067" | "5915093" | "6029062" | "6249573" | "7454200" | "8630234" | "8675566").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:10
S394	137	("20020051518" | "20020116464" | "20020122391" | "20030200311" | "20030219103" | "20040022237" | "20040157629" | "20040165709" | "20040181599" | "20040202295" | "20040240439" | "20040255126" | "20050025043" | "20050083911" | "20050094651" | "20050169248" | "20050174937" | "20050177843" | "20060072547" | "20060072550" | "20060093135" | "20060111116" | "20060153342" | "20060160565" | "20060177035" | "20060209768" | "20060258328" | "20060264200" | "20070036143" | "20070112964" | "20070127676" | "20070253418" | "20080037715" | "20080056235" | "20080056302" | "20080063153" | "20090028146" | "20090135735" | "20090141883" | "20090292539" | "20090325558" | "20100086119" | "20100128729" | "20120099599" | "20120227101" | "20130114589" | "4916491" | "4992971" | "5146491" | "5247571" | "5303297" | "5359642" | "5425085" | "5440621" | "5454030" | "5469497" | "5506893" | "5519769" | "5559871" | "5590133" | "5608786" | "5621787" | "5633913" | "5661790" | "5712907" | "5724355" | "5726984" | "5737414" | "5751961" | "5793762" | "5799072" | "5802502" | "5825863" | "5828740" | "5838682" | "5845267" | "5850433" | "5864610" | "5867495" | "5883891" | "5889774" | "5905736" | "5907547" | "5910946" | "5915005" | "5923659" | "5930343" | "5937045" | "5940598" | "5953504" | "5956391" | "5970477" | "5974043" | "5991291" | "6005926" | "6014379" | "6021126" | "6052445" | "6058300" | "6069890" | "6073013" | "6078647" | "6104704" |	US-PGPUB; USPAT	OR	ON	2017/08/21 13:11

		"6104711" | "6115737" | "6128304" | "6137869" | "6141404" | "6151385" | "6188752" | "6282574" | "6298062" | "6351464" | "6359880" | "6430275" | "6507644" | "6597686" | "6674745" | "6724860" | "6744858" | "6766159" | "6798767" | "6819929" | "6954453" | "6963557" | "7046658" | "7055174" | "7068772" | "7079526" | "7120682" | "7212522" | "7454510" | "7950046" | "8116307" | "8422507" | "8537805" | "8542815").PN.				
S395	513	S382 S383 S384 S385 S386 S387 S388 S389 S390 S391 S392 S393 S394	US-PGPUB; USPAT	OR	ON	2017/08/21 13:11
S396	21	S395 AND ((receiv$3 or accept$3 or obtain$3 or recover$3 or retriev$3 or acquir$3 or acquisition) SAME (respons$3 or respond$3 or react$3 or feed$3back$3 or (feed$3 adj3 back) or behaviour or behavior reply$3 return$3 acknowledgment$1 answer$1) SAME (server$4 webserver$4 gate$1way system$4 proxy$4 computer) SAME (location$4 GPS position$4 origin$4 region$4 site coordinat$4) NEAR5 (ID identification key flag$4 tagg$4 badge$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2017/08/21 13:45
S397	12	S395 AND ((receiv$3 or accept$3 or obtain$3 or recover$3 or retriev$3 or acquir$3 or acquisition) SAME (respons$3 or respond$3 or react$3 or feed$3back$3 or (feed$3 adj3 back) or behaviour or behavior reply$3 return$3 acknowledgment$1 answer$1) SAME (server$4 webserver$4 gate$1way system$4 proxy$4 computer) SAME (location$4 GPS position$4 origin$4 region$4 site coordinat$4) NEAR5 (ID identification key flag$4 tagg$4 badge$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2017/08/21 13:45
S398	2	(US-20090017842-$ or US-20060109960-$).did.	US-PGPUB	OR	ON	2017/08/21 14:47

S399	2	S398 and (wifi wi$1fi wireless cellular)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/08/21 14:47
S401	11	"9179005"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/11/29 23:45
S402	2	(US-20090017842-$ or US-20060109960-$).did.	US-PGPUB	OR	ON	2017/11/30 01:18
S403	3	(US-20080056235-$ or US-20090017842-$ or US-20060109960-$).did.	US-PGPUB	OR	ON	2017/11/30 01:19
S404	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/11/30 01:40
S405	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/11/30 13:29
S406	3	(US-20080056235-$ or US-20090017842-$ or US-20060109960-$).did.	US-PGPUB	OR	ON	2017/11/30 14:49
S407	1	S406 and (connect$4 join$4 link$4 fasten$4 connector$4 hitch$4) AND (IP internet$4 adj2 protocol$4) NEAR5 address$4	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2017/11/30 14:58
S408	1	S406 and (connect$4 join$4 link$4 fasten$4 connector$4 hitch$4) AND (IP	US-PGPUB; USPAT; FPRS; EPO;	OR	ON	2017/11/30 14:59

		internet$4 adj2 protocol$4) WITH address$4	JPO; IBM_TDB			
S409	3	(US-20080056235-$ or US-20090017842-$ or US-20060109960-$).did.	US-PGPUB	OR	ON	2017/11/30 16:04
S410	3	S409 and (connect$4 join$4 link$4 fasten$4 connector$4 hitch$4) WITH (mobile user adj2 equipment UE mobile adj2 device)	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2017/11/30 16:04
S411	1	(US-20080056235-$).did.	US-PGPUB	OR	ON	2018/01/16 14:53
S412	29	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$ or US-20140016635-$ or US-20090017842-$ or US-20060109960-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2018/01/16 14:53
S413	0	S411 and (reply echo packet$4 frame$4 (data adj2 unit) ack acknowlegment$4 feeback$4 feed$1back$4 feed adj2 back$4) WITH (IP NEAR10 address$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/16 14:54
S414	0	S411 and (reply echo packet$4 frame$4 (data adj2 unit) ack acknowlegment$4 feeback$4 feed$1back$4 feed adj2 back$4	US-PGPUB; USPAT; FPRS; EPO; JPO;	OR	ON	2018/01/16 14:56

		return$4 answer$4) WITH ((internet IP) NEAR10 address$4)	DERWENT; IBM_TDB			
S415	1	S411 and (reply echo packet$4 frame$4 (data adj2 unit) ack acknowlegment$4 feeback$4 feed$1back$4 feed adj2 back$4 return$4 answer$4) SAME ((internet IP) NEAR10 address$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/16 14:56
S416	11	S412 and (reply echo packet$4 frame$4 (data adj2 unit) ack acknowlegment$4 feeback$4 feed$1back$4 feed adj2 back$4 return$4 answer$4) SAME ((internet IP) NEAR10 address$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/16 15:33
S417	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/16 15:40
S418	29261	((H04W76/021 OR H04W76/025 OR H04W8/02).CPC.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/16 15:52
S419	56	S418 AND (IP NEAR5 address) WITH (location$4 gps$4 geographical$4) NEAR5 (ID identification$4 key$4 flag$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/16 15:55
S420	9	S418 AND (IP NEAR5 address) WITH (location$4 gps$4 geographical$4) NEAR5 (ID identification$4 key$4 flag$4) AND (@AD <"20090728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/16 15:56
S421	15	S418 AND (IP NEAR5 address) WITH (location$4 gps$4 geographical$4) NEAR5 (ID identification$4 key$4 flag$4	US-PGPUB; USPAT; FPRS; EPO; JPO;	OR	ON	2018/01/16 15:56

		) AND ((@ad OR @pd OR @rlad OR @ prad OR @ptad)<"20090728")	DERWENT; IBM_TDB			
S422	29	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$ or US-20140016635-$ or US-20090017842-$ or US-20060109960-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2018/01/24 19:29
S423	0	S422 and (replay$4 echo adj2 back$4) WITH(ip near5 address$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/24 19:30
S424	0	S422 and (replay$4 echo adj2 back$4) WITH (ip near5 address$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/24 19:30
S425	14	S422 and (ip near5 address$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/24 19:30
S426	5	S422 and (ip near5 address$4) and (SMS)	US-PGPUB; USPAT; FPRS; EPO; JPO;	OR	ON	2018/01/24 19:39

			DERWENT; IBM_TDB			
S427	5	"13056277"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/25 13:28
S428	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/06/27 22:33
S429	268665	(370/310-338,395.$.ccls. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2018/06/27 22:34
S430	1	S429 and ((access adj code) same (channel adj (identifier ID identification) same request))	US-PGPUB; USPAT	OR	ON	2018/06/27 22:34
S431	28075	((H04W76/11 OR H04W76/15 OR H04W8/02).CPC.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/06/27 22:34
S432	541465	("370".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/06/27 22:34
S433	12	S432 and ((initiat$4 adj2 call) same (access adj2 code) and (channel ID) and ((non$voice data) adj2 network$5) and (indentifier ID indentification))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/06/27 22:34

S434	400071	("370".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2018/06/27 22:34
S435	8	S434 and ((access adj code) same (channel with (ID identification)) same request)	US-PGPUB; USPAT	OR	ON	2018/06/27 22:34
S436	16903	((H04W76/021 OR H04W76/025 OR H04W8/02).CPC.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/06/27 22:35
S437	13	S436 AND (IP NEAR5 address) WITH (location$4 gps$4 geographical$4) NEAR5 (ID identification$4 key$4 flag$4) AND ((@ad OR @pd OR @rlad OR @ prad OR @ptad)<"20090728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/06/27 22:35
S438	7	S436 AND (IP NEAR5 address) WITH (location$4 gps$4 geographical$4) NEAR5 (ID identification$4 key$4 flag$4) AND (@AD <"20090728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/06/27 22:35
S439	13	S436 AND (IP NEAR5 address) WITH (location$4 gps$4 geographical$4) NEAR5 (ID identification$4 key$4 flag$4) AND ((@ad OR @pd OR @rlad OR @ prad OR @ptad)<"20090728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/06/27 22:35
S440	6917	H04W8/02.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2018/06/27 22:36
S441	4410	H04W76/025.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/06/27 22:36

S442	4889	H04W76/021.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/06/27 22:36
S443	44	(S440 S441 S442) AND (plac$3 SAME (wireless mobile cellular) SAME (voice adj2 over adj2 internet VOIP) same call$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/06/27 22:36
S444	0	((("BjÃ¶rsell") near3 ("Johan") near3 ("Emil") near3 ("Viktor"))).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2018/06/27 22:36
S445	15	((("Sobolyev") near3 ("Maksym"))).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2018/06/27 22:37
S446	8	((("Huttunen") near3 ("Pentti") near3 ("Kalevi"))).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2018/06/27 22:37
S447	4	((("Malak") near3 ("Emil"))).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2018/06/27 22:37
S448	8	((("VOIP-PAL.COM") near3 ("INC"))).AS,AANM.	USPAT	OR	OFF	2018/06/27 22:37
S449	14	(("VOIP-PAL.COM")).AS,AANM.	US-PGPUB; USPAT	OR	OFF	2018/06/27 22:38
S450	21	(digifonica).as.	US-PGPUB; USPAT	OR	ON	2018/06/27 22:38
S451	0	(S444 S445 S446 S447 S448 S449 S450) AND (IP NEAR2 addess$4 AND access ADJ2 code$3 AND (ID identification key location geographical) AND gateway).clm.	US-PGPUB; USPAT	OR	ON	2018/06/27 22:41
S452	29	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$	US-PGPUB; USPAT; DERWENT	OR	OFF	2018/06/27 23:10

		or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$ or US-20140016635-$ or US-20090017842-$ or US-20060109960-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.				
S453	13	S452 and (location$4 geographical$4) WITH (ID key$4 identificat$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/06/27 23:11
S454	6	S452 and (location$4 geographical$4) WITH (ID key$4 identificat$4) AND (access$4 NEAR5 code$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/06/27 23:11
S455	2	S452 and (location$4 geographical$4) WITH (ID key$4 identificat$4) AND (access$4 NEAR5 code$4) AND (IP near5 address$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2018/06/27 23:12
S456	1	14/035806.app.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/07 22:12
S457	29	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-	US-PGPUB; USPAT; DERWENT	OR	ON	2018/08/07 22:33

		20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$ or US-20140016635-$ or US-20090017842-$ or US-20060109960-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.				
S458	7	S457 and ((location$4 gps station$4 office$4 site$4 place places position latitude$4 coordinat$4) WITH (destination$4 deliver$4 receiver$4) WITH (ID identificat$4 key flag$4 PIN code$4 tag$4 password$4)) AND (@AD <"201080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/07 22:37
S459	6	S457 and ((location$4 gps station$4 office$4 site$4 place places position latitude$4 coordinat$4) WITH (destination$4 deliver$4 receiver$4) WITH (ID identificat$4 key flag$4 PIN code$4 tag$4 password$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/07 22:38
S460	6	S457 and ((location$4 gps station$4 office$4 site$4 place places position latitude$4 coordinat$4) WITH (destination$4 deliver$4 receiver$4) WITH (ID identificat$4 key flag$4 PIN code$4 tag$4 password$4) SAME (server$4 proxy$4 gatewary$4 computer$4 process$4 processor$4 fileserver$4 webserver$4 systerm$4 timeserver$4 cloud$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/07 22:40
S461	4	(US-20080056235-$ or US-20080160953-$ or US-20090017842-$ or US-20060109960-$).did.	US-PGPUB	OR	ON	2018/08/07 22:42

S462	0	S461 and ((desination$4 WITH connect$4 with channel$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/07 22:43
S463	0	S461 and ((desination$4 SAME connect$4 SAME channel$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/07 22:44
S464	0	S461 and ((desination$4 AND connect$4 SAME channel$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/07 22:44
S465	1	S461 and ((destination$4 AND connect$4 SAME channel$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/07 22:44
S466	23710	((location$4 gps station$4 office$4 site$4 place places position latitude$4 coordinat$4) WITH (destination$4 deliver$4 receiver$4) WITH (ID identificat$4 key flag$4 PIN code$4 tag$4 password$4) SAME (server$4 proxy$4 gatewary$4 computer$4 process$4 processor$4 fileserver$4 webserver$4 systerm$4 timeserver$4 cloud$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2018/08/07 22:55
S467	33	((request$4 packet$4 frame$4 data adj3 unit demand$4 query$4 seek$4) WITH (location$4 gps station$4 office$4 site$4 place places position latitude$4 coordinat$4) WITH (destination$4 deliver$4 receiver$4) WITH (ID identificat$4 key flag$4 PIN code$4 tag$4 password$4) WITH (server$4 proxy$4 gatewary$4 computer$4 process$4 processor$4 fileserver$4	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2018/08/07 22:57

		webserver$4 systerm$4 timeserver$4 cloud$4) WITH reply$4) AND (@AD <"20080728")				
S468	31	((request$4 packet$4 frame$4 data adj3 unit demand$4 query$4 seek$4) WITH (location$4 gps station$4 office$4 site$4 position latitude$4 coordinat$4) WITH (destination$4 deliver$4 receiver$4) WITH (ID identificat$4 key flag$4 PIN code$4 tag$4 password$4) WITH (server$4 proxy$4 gatewary$4 computer$4 process$4 processor$4 fileserver$4 webserver$4 systerm$4 timeserver$4 cloud$4) WITH reply$4) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2018/08/07 23:09
S469	29	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$ or US-20140016635-$ or US-20090017842-$ or US-20060109960-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2018/08/08 11:58
S470	6	S469 and ((location$4 gps station$4 office$4 site$4 place places position latitude$4 coordinat$4) WITH (destination$4 deliver$4 receiver$4) WITH (ID identificat$4 key flag$4 PIN code$4 tag$4 password$4) SAME (server$4 proxy$4 gatewary$4 computer$4 process$4 processor$4 fileserver$4 webserver$4 systerm$4 timeserver$4 cloud$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/08 11:58

S471	29	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$ or US-20140016635-$ or US-20090017842-$ or US-20060109960-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2018/08/09 10:45
S472	6	S471 and ((location$4 gps station$4 office$4 site$4 place places position latitude$4 coordinat$4) WITH (destination$4 deliver$4 receiver$4) WITH (ID identificat$4 key flag$4 PIN code$4 tag$4 password$4) SAME (server$4 proxy$4 gatewary$4 computer$4 process$4 processor$4 fileserver$4 webserver$4 systerm$4 timeserver$4 cloud$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/09 10:45
S473	1	(US-20030114145-$).did.	US-PGPUB	OR	ON	2018/08/09 10:47
S478	1	S473 and (gps location$4 geograph$4) and server$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/09 10:49
S479	0	S473 and (gps location$4 geograph$4) and server$4 and reply$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/09 10:49

S480	1	S473 and (gps location$4 geograph$4) and server$4 and (reply$4 request$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/09 10:49
S481	2	(US-20080056235-$ or US-20030114145-$).did.	US-PGPUB	OR	ON	2018/08/13 15:27
S482	1	S481 and (reply$4 echo$4 feedback$4 ack acknowledg$4) SAME (location$4 gps geograph$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/13 15:32
S483	1	S481 and (reply$4 echo$4 feedback$4 ack acknowledg$4) AND (location$4 gps geograph$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/13 15:32
S484	1	S481 and (reply$4 echo$4 feedback$4 ack acknowledg$4) AND (location$4 gps geograph$6)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/13 15:33
S486	1	S481 AND (reply$4 echo$4 feedback$4 ack acknowledg$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/13 15:35
S487	2	S481 AND (reply$4 echo$4 feedback$4 ack acknowledg$4 messag$4 packet$4 data adj2 unit$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/08/13 15:35
S488	2	(US-20080056235-$ or US-20030114145-$).did.	US-PGPUB	OR	ON	2018/12/18 12:05

S492	1	14/035806.app.	US-PGPUB	OR	ON	2018/12/18 12:22
S493	1	S488 and (wireless$4 and VOIP)	US-PGPUB	OR	ON	2018/12/18 12:23
S494	2	S488 and (wireless$4 and location$4)	US-PGPUB	OR	ON	2018/12/18 12:23
S495	2	S488 and (wireless$4 and (location$4 gps))	US-PGPUB	OR	ON	2018/12/18 12:23
S496	2	S488 and (wireless$4 and (location$4 gps) and (id identification key flag))	US-PGPUB	OR	ON	2018/12/18 12:23
S498	9	"41610774".FMID.	US-PGPUB; USPAT; FPRS	OR	ON	2019/06/10 02:55
S499	0	((("BjÃ¶rsell") near3 ("Johan") near3 ("Emil") near3 ("Viktor"))).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2019/06/10 03:00
S500	16	((("Sobolyev") near3 ("Maksym"))).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2019/06/10 03:00
S501	10	((("Huttunen") near3 ("Pentti") near3 ("Kalevi"))).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2019/06/10 03:00
S502	4	((("Malak") near3 ("Emil"))).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2019/06/10 03:00
S503	11	((("VOIP-PAL.COM") near3 ("INC"))).AS,AANM.	USPAT	OR	OFF	2019/06/10 03:00
S504	19	(("VOIP-PAL.COM")).AS,AANM.	US-PGPUB; USPAT	OR	OFF	2019/06/10 03:00
S505	21	(digifonica).as.	US-PGPUB; USPAT	OR	ON	2019/06/10 03:00
S506	0	(S499 S500 S501 S502 S503 S504 S505) AND (IP NEAR2 addess$4 AND access ADJ2 code$3 AND (ID identification key location geographical) AND gateway).clm.	US-PGPUB; USPAT	OR	ON	2019/06/10 03:00

S507	29	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$ or US-20140016635-$ or US-20090017842-$ or US-20060109960-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2019/06/10 03:00
S508	2	S507 and (location$4 geographical$4) WITH (ID key$4 identificat$4) AND (access$4 NEAR5 code$4) AND (IP near5 address$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2019/06/10 03:00
S509	39324	((H04W76/11 OR H04W76/15 OR H04W8/02).CPC.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/06/10 03:00
S510	555	S509 and (location$4 geographical$4) WITH (ID key$4 identificat$4) AND (access$4 NEAR5 code$4) AND (IP near5 address$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2019/06/10 03:00
S511	0	S510 and (location$4 geographical$4) WITH (ID key$4 identificat$4) SAME (access$4 NEAR5 code$4) SAME (IP near5 address$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2019/06/10 03:01

S512	1	14/035806.app.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/06/10 13:48
S513	31	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$ or US-20140016635-$ or US-20090017842-$ or US-20060109960-$ or US-20080255944-$ or US-20060077983-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2019/06/10 14:00
S515	39298	((H04W76/11 OR H04W76/15 OR H04W8/02).CPC.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/06/10 14:00
S517	25768	(access$4) NEAR5 (request$4 demand$4 inquiry$4 appeal$4) WITH (server$4 gateway$4 router$4) SAME (WD UE TE TA mobile terminal WTRU)	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2019/06/10 14:04
S518	13	((wireless adj2 (device equipment terminal phone iphone)) NEAR10 (location$4 geographical$4) WITH (ID key$4 identificat$4) SAME (access$4 NEAR5 code$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2019/06/10 14:05

S519	1	S513 AND (access$4) NEAR5 (request$4 demand$4 inquiry$4 appeal$4) WITH (server$4 gateway$4 router$4) SAME (WD UE TE TA mobile terminal WTRU)	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2019/06/10 14:05
S520	25768	(access$4) NEAR5 (request$4 demand$4 inquiry$4 appeal$4) WITH (server$4 gateway$4 router$4) SAME (WD UE TE TA mobile terminal WTRU)	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2019/06/10 14:06
S521	174	((wireless adj2 (device equipment terminal phone iphone)) SAME (location$4 geographical$4) SAME (ID key$4 identificat$4) SAME (access$4 NEAR5 code$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2019/06/10 14:06
S522	7	S517 and S521	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/06/10 14:08
S523	4	S522 AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/06/10 14:10
S524	8115	((user UE terminal WTRU TE TA user adj2 equipment station) NEAR5 (location$4 gps site$4 position latitude$4 coordinat$4) WITH (destination$4 deliver$4 receiver$4) SAME (server$3 proxy$3 gateway$1 webserver$4 cloud$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/07/29 22:04
S525	15234	((user UE terminal WTRU TE TA user adj2 equipment station) NEAR5 (location$4 gps site$4 position latitude$4 coordinat$4) SAME (destination$4 deliver$4 receiver$4) SAME (server$3 proxy$3 gateway$1	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/07/29 22:05

		webserver$4 cloud$4)) AND (@AD <"20080728")				
S526	32	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$ or US-20140016635-$ or US-20090017842-$ or US-20060109960-$ or US-20080255944-$ or US-20060077983-$ or US-20080261560-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2019/07/29 22:05
S527	2	(US-20080056235-$ or US-20080261560-$).did.	US-PGPUB	OR	ON	2019/07/29 22:06
S528	2	S527 and (location$4 GPS) and (user wtru terminal station)	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2019/07/29 22:07
S529	2	"20130109314".PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2019/07/30 12:51
S530	34	(US-20070281705-$ or US-20090252159-$ or US-20130028251-$ or US-20040042607-$ or US-20080049732-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-	US-PGPUB; USPAT; DERWENT	OR	ON	2019/08/13 16:07

		20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$ or US-20140016635-$ or US-20090017842-$ or US-20060109960-$ or US-20080255944-$ or US-20060077983-$).did. or (US-20080261560-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.				
S531	2	(US-20080261560-$ or US-20080056235-$).did.	US-PGPUB	OR	ON	2019/08/13 17:22
S532	6	(US-20080261560-$ or US-20080056235-$ or US-20080160953-$ or US-20030114145-$ or US-20090017842-$ or US-20060109960-$).did.	US-PGPUB	OR	ON	2019/08/13 17:22
S533	18	S530 and (access$4 NEAR2 server)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 17:23
S534	11	S530 and (access$4 NEAR2 server) and (terminal$4 User adj2 equipment UE TE TA equipment mobile cellular WTRU) NEAR5 (location$4 gps address facility site$1 place$1 office$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 17:24
S535	1	S531 and (access$4 NEAR2 server) and (terminal$4 User adj2 equipment UE TE TA equipment mobile cellular WTRU) NEAR5 (location$4 gps address facility site$1 place$1 office$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 17:27
S536	1	S531 and (access$4 NEAR2 server) and (terminal$4 User adj2 equipment UE TE TA equipment mobile cellular WTRU) NEAR5 (location$4 gps address facility	US-PGPUB; USPAT; FPRS; EPO; JPO;	OR	ON	2019/08/13 17:36

		site$1 place$1 office$4) SAME (destinat$4 deliver$4 receiver$4)	DERWENT; IBM_TDB			
S537	4	S534 and (access$4 NEAR2 server) and (terminal$4 User adj2 equipment UE TE TA equipment mobile cellular WTRU) NEAR5 (location$4 gps address facility site$1 place$1 office$4) SAME (destinat$4 deliver$4 receiver$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 17:37
S538	4	S534 and (access$4 NEAR2 server) and (terminal$4 User adj2 equipment UE TE TA equipment mobile cellular WTRU) NEAR5 (location$4 gps address facility site$1 place$1 office$4) SAME (destinat$4 deliver$4 receiver$4) and (reply$4 respons$4 feed$3back$4 return$4 acknowledgment$4 answer$4) WITH (location$4 gsp address site$1 place$1 office$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 17:42
S539	4	S530 and (access$4 NEAR2 server) and (terminal$4 User adj2 equipment UE TE TA equipment mobile cellular WTRU) NEAR5 (location$4 gps address facility site$1 place$1 office$4) SAME (destinat$4 deliver$4 receiver$4) and (reply$4 respons$4 feed$3back$4 return$4 acknowledgment$4 answer$4) WITH (location$4 gsp address site$1 place$1 office$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 17:51
S540	9	S530 and (access$4 NEAR2 server) and (terminal$4 User adj2 equipment UE TE TA equipment mobile cellular WTRU) SAME (location$4 gps address facility site$1 place$1 office$4) SAME (destinat$4 deliver$4 receiver$4) and (reply$4 respons$4 feed$3back$4 return$4 acknowledgment$4 answer$4) SAME (location$4 gsp address site$1 place$1 office$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 17:52
S541	8	S530 and (access$4 NEAR2 server) and (terminal$4 User adj2 equipment UE TE TA equipment mobile cellular WTRU) SAME (location$4 gps address facility site$1 place$1 office$4) SAME (destinat$4 deliver$4 receiver$4) and	US-PGPUB; USPAT; FPRS; EPO; JPO;	OR	ON	2019/08/13 17:53

		(reply$4 respons$4 feed$3back$4 return$4 acknowledgment$4 answer$4) SAME (location$4 gsp address site$1 place$1 office$3) AND (@AD <"20080728")	DERWENT; IBM_TDB			
S542	33	S530 and ((location$4 gps address facility site$1 place$1 office$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 18:02
S543	21	S530 and ((ID identification key flag$4) WITH (location$4 gps address facility site$1 place$1 office$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 18:03
S544	14	S530 and ((ID identification key flag$4) WITH (location$4 gps address facility site$1 place$1 office$4) and (access$4 NEAR2 server$3))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 18:03
S545	12	S530 and ((reply$4 respons$4 echo$1back feed$1back acknowledg$4) NEAR5 (messag$4 code$4 packet$4 frame$3) AND (ID identification key flag$4) WITH (location$4 gps address facility site$1 place$1 office$4) and (access$4 NEAR2 server$3))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 18:04
S546	313844	(370/310-338,395.$.ccls. "379".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2019/08/13 18:10
S547	43	S546 and ((reply$4 respons$4 echo$1back feed$1back acknowledg$4) NEAR5 (messag$4 code$4 packet$4 frame$3) SAME (ID identification key flag$4) SAME (location$4 gps site$1 place$1 office$4) SAME (access$4 NEAR2 server$3)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 18:10

S548	43	S546 and ((reply$4 respons$4 echo$1back feed$1back acknowledg$4) NEAR5 (messag$4 code$4 packet$4 frame$3) SAME (ID identification key flag$4) SAME (location$4 gps site$1 place$1 office$4) SAME (access$4 NEAR2 server$3)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2019/08/13 18:11
S549	8229	H04W8/02.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2019/08/13 18:12
S550	1156	H04W76/025.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2019/08/13 18:12
S551	1228	H04W76/021.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2019/08/13 18:12
S552	41274	((H04W76/11 OR H04W76/15 OR H04W8/02).CPC.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 18:12
S553	35974	S552 S549 S550 S551	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2019/08/13 18:12
S554	0	S548 and S553	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2019/08/13 18:13

S555	29	"8402559"	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2019/08/13 18:36
S556	8	"8402559".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2019/08/13 18:36
S557	1	"8402559".pn.	US-PGPUB; USPAT	OR	ON	2019/08/13 18:36
S558	4	"32074773".FMID.	US-PGPUB; USPAT; FPRS	OR	ON	2019/08/13 18:37
S559	70646	(terminal devic$1 wtru ue user adj2 equipment) WITH (location$4 gps site geograph$5) NEAR6 (id identification key flag$4)	US-PGPUB; USPAT	OR	ON	2019/08/13 18:39
S560	6909	(terminal devic$1 wtru ue user adj2 equipment) WITH (location$4 gps site geograph$5) NEAR6 (id identification key flag$4) and (destination$4) NEAR5 (phone number identification ID identif$4)	US-PGPUB; USPAT	OR	ON	2019/08/13 18:40
S561	1118	(terminal devic$1 wtru ue user adj2 equipment) WITH (location$4 gps site geograph$5) NEAR6 (id identification key flag$4) and (destination$4) NEAR5 (phone number identification ID identif$4) and (access$4 NEAR2 server$4) and (reply$4 respons$4 feed$1back feedback$3 ack acknowledg$4) NEAR5 (messag$4 packet$4 frame$4)	US-PGPUB; USPAT	OR	ON	2019/08/13 18:41
S562	348	S561 and (path$4 link$4 channel$4) WITH (router$4 rout$3 gateway$3) SAME Access$4	US-PGPUB; USPAT	OR	ON	2019/08/13 18:43
S563	117	S561 and ((path$4 link$4 channel$4) WITH (router$4 rout$3 gateway$3)	US-PGPUB; USPAT	OR	ON	2019/08/13 18:43

		SAME Access$4) AND (@AD <"20080728")				
S564	1	14/035806.app.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 19:21
S565	34	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$ or US-20140016635-$ or US-20090017842-$ or US-20060109960-$ or US-20080255944-$ or US-20060077983-$ or US-20080261560-$ or US-20030087648-$).did. or (US-20060043164-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2019/08/13 20:18
S566	17	S565 and ((reply$4 respons$4 echo$1back feed$1back acknowledg$4) SAME (location$4 gps address facility site$1 place$1 office$4) and (access$4 NEAR2 server$3) and (destinat$4 deliver$4 arrival$4 place$4 site$3 point$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 20:19
S567	12	S565 and ((reply$4 respons$4 echo$1back feed$1back acknowledg$4) SAME (location$4 gps address facility site$1 place$1 office$4) SAME (destinat$4 deliver$4 arrival$4 place$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 20:20

		site$3 point$4)and (access$4 NEAR2 server$3))				
S568	23	S565 and ((reply$4 respons$4 echo$1back feed$1back acknowledg$4) SAME (location$4 gps address facility site$1 place$1 office$4) SAME (destinat$4 deliver$4 arrival$4 place$4 site$3 point$4)and (access$4 NEAR2 server$3 server$4 webserver$4 computer$4 lifeserver$1 gateway$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 20:20
S569	12	S565 and ((reply$4 respons$4 echo$1back feed$1back acknowledg$4) SAME (location$4 gps address facility site$1 place$1 office$4) SAME (destinat$4 deliver$4 arrival$4 place$4 site$3 point$4)and (access$4 NEAR2 (server$3 server$4 webserver$4 computer$4 lifeserver$1 gateway$4)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 20:21
S570	31139	("370" "455" "375" "715" "725" H04W$/$ H04L$/$).clas,cpc. AND ((reply$4 respons$4 echo$1back feed$1back acknowledg$4) SAME (location$4 gps address facility site$1 place$1 office$4) SAME (destinat$4 deliver$4 arrival$4 place$4 site$3 point$4)and (access$4 NEAR2 (server$3 server$4 webserver$4 computer$4 lifeserver$1 gateway$4))) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 20:32
S571	10309	("370" "455" "375" "715" "725" H04W$/$ H04L$/$).clas,cpc. AND ((reply$4 respons$4 echo$1back feed$1back acknowledg$4) SAME (location$4 gps site$1 place$1 office$4) SAME (destinat$4 deliver$4 arrival$4 place$4 site$3 point$4) SAME2 (access$4 NEAR7 (server$3 server$4 webserver$4 computer$4 lifeserver$1 gateway$4))) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 20:34
S572	3886202	("370" "455" "375" "715" "725" H04W$/$ H04L$/$).clas,cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO;	OR	ON	2019/08/13 20:34

			DERWENT; IBM_TDB			
S573	4311912	("370" "455" "375" "715" "725" H04W$/$ H04L$/$ H04B$/$).clas,cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 20:34
S574	8840	((reply$4 respons$4 echo$1back feed$1back acknowledg$4) WITH (location$4 gps site$1 place$1 office$4) SAME (destinat$4 deliver$4 arrival$4 place$4 site$3 point$4) SAME2 (access$4 NEAR7 (server$3 server$4 webserver$4 computer$4 lifeserver$1 gateway$4))) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 20:37
S575	4311912	("370".clas. "455".clas. "375".clas. "715".clas. "725".clas. H04W$/$.cpc. H04L$/$.cpc. H04B$/$.cpc.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 20:39
S576	4277	S574 and S575	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 21:00
S578	7	S576 AND ((reply$4 respons$4 echo$1back feed$1back acknowledg$4) WITH (location$4 gps) SAME (destinat$4 NEAR4 (ID node identification identi$4)) SAME (access$4 NEAR7 (server$3 webserver$4 gateway$4))) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 21:02
S579	3	"38821872".FMID.	US-PGPUB; USPAT; FPRS	OR	ON	2019/08/13 21:03
S580	1	S579 AND ((reply$4 respons$4 echo$1back feed$1back acknowledg$4) AND (location$4 gps) SAME (destinat$4	US-PGPUB; USPAT; FPRS; EPO;	OR	ON	2019/08/13 21:05

		NEAR6 (ID node identification identi$4)) AND (access$4 NEAR7 (server$3 webserver$4 gateway$4))) AND (@AD <"20080728")	JPO; DERWENT; IBM_TDB			
S581	1	S579 AND ((location$4 gps) SAME (destinat$4 NEAR6 (ID node identification identi$4)) AND (access$4 NEAR7 (server$3 webserver$4 gateway$4))) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 21:06
S582	2	S579 AND ((location$4 gps) AND (destinat$4 NEAR6 (ID node identification identi$4)) AND (access$4 AND (server$3 webserver$4 gateway$4))) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 21:06
S583	1	S530 and (access$3 WITH cod$3 SAME (location gps) SAME (reply$4 respons$4 echoback feed$1back))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 23:06
S584	8	S530 and (access$3 SAME (location gps) SAME (reply$4 respons$4 echoback feed$1back))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 23:07
S585	8	S530 and ((access$3 grand$4) SAME (location gps) SAME (reply$4 respons$4 echoback feed$1back))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 23:08
S586	6	S530 and ((access$3 grand$4) SAME (location gps) SAME (reply$4 respons$4 echoback feed$1back)) and (@AD<"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 23:08

S587	24	S530 and ((access$3 grand$4) AND (location gps) AND (reply$4 respons$4 echoback feed$1back)) and (@AD<"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 23:12
S588	34	((access$4 NEAR5 reply$4) SAME (wireless device wtru UE user adj2 equipment TE TA WTRU) SAME (channel$4 rout$4) SAME (destinat$4 end$3)) and (@AD<"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 23:23
S589	0	S553 AND ((access$4 NEAR5 reply$4) SAME (wireless device wtru UE user adj2 equipment TE TA WTRU) SAME (channel$4 rout$4) SAME (destinat$4 end$3)) and (@AD<"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 23:23
S590	5	S553 AND ((access$4 NEAR5 (reply$4 respons$4)) SAME (wireless device wtru UE user adj2 equipment TE TA WTRU) SAME (channel$4 rout$4) SAME (destinat$4 end$3)) and (@AD<"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/13 23:24
S591	34	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$ or US-20140016635-$ or US-20090017842-$ or US-20060109960-$ or US-20080255944-$ or US-20060077983-$ or US-20080261560-$ or US-20030087648-$).did. or (US-20060043164-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-	US-PGPUB; USPAT; DERWENT	OR	ON	2019/08/14 13:28

		5454030-$).did. or (WO-2010012090-$).did.				
S592	1	S591 and (access$4 NEAR4 (reply$4 respons$4) SAME Access$4 SAME channel$4 SAME (destinat$4 receiver$4 user adj3 end))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 13:29
S593	1380	(access$4 NEAR4 (reply$4 respons$4) SAME Access$4 SAME channel$4 SAME (destinat$4 receiver$4 user adj3 end))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 13:29
S594	1	S591 and (access$4 NEAR4 (reply$4 respons$4) SAME channel$4 SAME (destinat$4 receiver$4 user adj3 end))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 13:30
S595	4	S591 and (access$4 NEAR4 (reply$4 respons$4) SAME (channel$4 link$4 rout$4 connection) SAME (destinat$4 receiver$4 user adj3 end))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 13:30
S596	4	S591 and (access$4 NEAR4 (reply$4 respons$4) SAME (channel$4 link$4 rout$4 connection) SAME (destinat$4 receiver$4 user adj3 end mobile$4 device$4 wtru))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 13:31
S597	3	S591 and (access$4 NEAR4 (reply$4 respons$4) SAME (channel$4 link$4 rout$4 connection) SAME (destinat$4 receiver$4 user adj3 end mobile$4 device$4 wtru)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 13:32
S598	3	(access$4 NEAR4 (reply$4 respons$4) SAME Access$4 NEAR2 code SAME channel$4 SAME (destinat$4 receiver$4	US-PGPUB; USPAT; FPRS; EPO; JPO;	OR	ON	2019/08/14 13:34

		user adj3 end) SAME communicat$4) AND (@AD <"20080728")	DERWENT; IBM_TDB			
S599	23	(access$4 NEAR4 (reply$4 respons$4) SAME code SAME channel$4 SAME (destinat$4 receiver$4 user adj3 end) SAME communicat$4) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 13:36
S600	114	(access$4 NEAR4 (reply$4 respons$4) SAME code SAME channel$4 SAME (wireless adj2 device wtru mobile terminal destinat$4 receiver$4 user adj3 end) SAME communicat$4) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 13:36
S601	350	(access$4 NEAR4 (reply$4 respons$4) SAME (code key id identification identif$4) SAME channel$4 SAME (wireless adj2 device wtru mobile terminal destinat$4 receiver$4 user adj3 end) SAME communicat$4) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 13:37
S602	60	(access$4 NEAR3 (reply$4 respons$4) WITH (code key id identification identif$4) WITH channel$4 SAME (wireless adj2 device wtru mobile terminal destinat$4 receiver$4 user adj3 end) SAME communicat$4) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 13:49
S603	0	(reserv$4 NEAR5 channel$4 SAME Access NEAR3 reply$4 SAME (wireless adje device) SAME (destinat$4 receiver$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 14:02
S604	0	(reserv$4 NEAR5 channel$4 SAME Access NEAR3 reply$4 SAME (wireless adj2 device) SAME (destinat$4 receiver$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 14:02

S605	2	(reserv$4 NEAR5 channel$4 SAME (reply$4 respons$4) SAME (wireless adj2 device) SAME (destinat$4 receiver$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 14:02
S606	7	(reserv$4 NEAR5 channel$4 SAME (wireless adj2 device) SAME (destinat$4 receiver$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 14:09
S607	4	(reserv$4 NEAR5 channel$4 SAME access$4 NEAR5 (reply$4 respons$4) SAME (destinat$4 receiver$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 14:11
S608	4	((reserv$4 retriv$4 restor$4) NEAR5 channel$4 SAME access$4 NEAR5 (reply$4 respons$4) SAME (destinat$4 receiver$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 14:12
S609	74	(access near3 cod$3 NEAR3 (reply$4 respons$4)) SAME (access$4 NEAR3 cod$4) SAME (wireless NEAR2 device)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 14:21
S610	20	(access near3 cod$3 NEAR3 (reply$4 respons$4)) SAME (access$4 NEAR3 cod$4) SAME (wireless NEAR2 device) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 14:22
S611	20	(access near3 cod$3 NEAR3 (reply$4 respons$4)) SAME (access$4 NEAR3 cod$4) SAME (wireless NEAR2 device) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2019/08/14 14:22

S612	52	(access NEAR5 (reply$4 respons$4)) SAME (access$4 NEAR3 cod$4) SAME (wireless NEAR2 device) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 14:26
S613	91	(access NEAR5 (reply$4 respons$4)) SAME (access$4 NEAR3 cod$4) SAME (wireless NEAR2 (device terminal$4 equipment) user adj2 equipment WTRU) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 14:26
S614	3736	(access$4 NEAR5 (allow$4 grant$4) WITH (reply$4 respons$4) SAME (server$4 webserv$5 network$4)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 14:40
S615	33	S614 and (destination$4 receiver$4) SAME channel$4 NEAR4 access$5 with (grant$4 allow$4 permission$4) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 14:42
S616	5	"6415154".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 14:44
S617	4	"20160026743"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 14:45
S618	1	14/035806.app.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 14:53

S619	1	S618 AND (access NEAR5 reply SAME (receiv$4 WITH access NEAR3 code) SAME destination SAME channel)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 14:53
S620	3	"20070286170"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 15:10
S621	2	S620 and (respons$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 15:10
S622	2	S620 and (respons$4 and (location$4 gps))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 15:10
S623	2	S620 and (respons$4 and (location$4 gps) and (server$4 gateway$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 15:11
S624	2	S620 and (respons$4 and (location$4 gps) and (server$4 gateway$4) and (path$4 rout$4 link$4 channel$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 15:11
S625	2	S620 and (respons$4 and (location$4 gps) and (server$4 gateway$4) and (path$4 rout$4 link$4 channel$4) AND (access$4 grant$4 allow$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 15:12

S626	2	S620 and ((respons$4 reply$4) and (location$4 gps) and (server$4 gateway$4) and (path$4 rout$4 link$4 channel$4) AND (access$4 grant$4 allow$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 15:12
S627	34	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$ or US-20140016635-$ or US-20090017842-$ or US-20060109960-$ or US-20080255944-$ or US-20060077983-$ or US-20080261560-$ or US-20030087648-$).did. or (US-20060043164-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2019/08/14 17:09
S628	6	S591 and (reply$4 respons$4 feed$1back feedback$4 ack acknowledg$4) NEAR5 (code$4 grant$4 allow$4) SAME (channel$4 path$3 rout$3 frequency$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 17:10
S629	10	S591 and (reply$4 respons$4 feed$1back feedback$4 ack acknowledg$4) NEAR5 (code$4 grant$4 allow$4) AND (channel$4 path$3 rout$3 frequency$4) WITH (reply$4 respons$4 feed$1back feedback$4 ack acknowledg$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 17:12

S630	2	(access$4 NEAR2 reply$4 WITH channel$4 WITH Destinat$4) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 17:36
S631	2	(access$4 NEAR2 reply$4 SAME channel$4 SAME Destinat$4) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 17:36
S632	3	(access$4 NEAR2 reply$4 SAME channel$4 SAME (wireless adj3 (device terminal equipment) WTRU)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 17:37
S633	3	(access$4 NEAR2 reply$4 SAME (channel$4 frequenc$4) SAME (wireless adj3 (device terminal equipment) WTRU)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 17:37
S634	3	(access$4 NEAR2 reply$4 SAME (channel$4 frequenc$4 tunnel$4) SAME (wireless adj3 (device terminal equipment) WTRU)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 17:38
S635	406	(access$4 NEAR6 (respons$4 reply$4) SAME (channel$4 frequenc$4 tunnel$4) SAME (wireless adj3 (device terminal equipment) WTRU)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 17:38
S636	86	(access$4 NEAR6 (respons$4 reply$4) SAME (channel$4 frequenc$4 tunnel$4) SAME (wireless adj3 (device terminal equipment) OR WTRU) SAME (destination$3 end remot$4 receiver$3)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 17:39

S637	1462	(access$4 NEAR6 (respons$4 reply$4) SAME (channel$4 frequenc$4 tunnel$4) WITH (destination$3 end remot$4 receiver$3)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 17:53
S638	422	(access$4 NEAR3 (respons$4 reply$4) WITH (channel$4 frequenc$4 tunnel$4) WITH (destination$3 end remot$4 receiver$3)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 17:53
S639	97	(access$4 NEAR3 (respons$4 reply$4) WITH (channel$4 frequenc$4 tunnel$4) WITH (destination$3 end remot$4 receiver$3) SAME (wireless cellular)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 17:53
S640	1	(channel$4 WITH select$4 WITH (replay resons$4) WITH access$4 SAME destinat$3) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 17:59
S641	1	(channel$4 NEAR5 select$4 SAME (replay resons$4) SAME access$4 SAME destinat$3) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 18:00
S642	0	(channel$4 NEAR5 select$4 SAME access NEAR5 (replay resons$4) SAME (wireless cellular)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 18:01
S643	0	(channel$4 NEAR5 select$4 SAME (access$4 admission$4 etner$4 servic$4 cover$4 retriev$4) NEAR5 (replay resons$4) SAME (wireless cellular)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 18:03

S644	17	((channel$4 frequenc$4) SAME (access$4 admission$4 etner$4 servic$4 cover$4 retriev$4) NEAR5 (replay resons$4) SAME (wireless cellular)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 18:03
S645	4311912	("370".clas. "455".clas. "375".clas. "715".clas. "725".clas. H04W$/$.cpc. H04L$/$.cpc. H04B$/$.cpc.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 18:05
S646	7	S645 and S644	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 18:05
S647	501	S645 and (channel$4 WITH access NEAR2 code WITH wireless) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 18:08
S648	0	S645 and (channel$4 WITH access NEAR2 code NEAR5 (reply$4 resons$4) WITH wireless) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 18:09
S649	1	S645 and (channel$4 WITH access NEAR2 code SAME (reply$4 resons$4) WITH wireless) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 18:09
S650	1	S645 and (channel$4 WITH access NEAR2 code SAME (reply$4 resons$4) SAME wireless) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 18:09

S651	36	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$ or US-20140016635-$ or US-20090017842-$ or US-20060109960-$ or US-20080255944-$ or US-20060077983-$ or US-20080261560-$ or US-20030087648-$).did. or (US-20060043164-$ or US-20070286170-$ or US-20070230423-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2019/08/14 18:10
S652	4	S596	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 18:10
S653	1	S652 AND (channel$4 SAME access$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 18:11
S654	1	S652 AND (channel$4 and wireless and (reply$4 respons$4) and wireless)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 18:14
S655	17	S651 AND (channel$4 and wireless and (reply$4 respons$4) and wireless)	US-PGPUB; USPAT; FPRS; EPO;	OR	ON	2019/08/14 18:15

			JPO; DERWENT; IBM_TDB			
S656	3	(US-20080056235-$ or US-20070286170-$ or US-20070230423-$).did.	US-PGPUB	OR	ON	2019/08/14 18:35
S657	3	S656 and (server$4 and (data voice video))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 18:36
S658	3	S656 and (server$4 and (data voice video) and (sms short$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 18:43
S659	2	S658 and (IP NEAR5 address)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 21:05
S660	2	S658 and (IP NEAR5 address) same (location$4 gps)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 21:05
S661	3	(US-20080056235-$ or US-20070286170-$ or US-20070230423-$).did.	US-PGPUB	OR	ON	2019/08/14 21:47
S662	3	S661 and (server$4 and (data voice video) and (sms short$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 21:47

S663	2	S662 and (IP NEAR5 address) same (location$4 gps)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/14 21:47
S664	3	(US-20080056235-$ or US-20070286170-$ or US-20070230423-$).did.	US-PGPUB	OR	ON	2019/08/15 01:45
S665	3	S664 and (server$4 and (data voice video) and (sms short$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/15 01:45
S666	2	S665 and (IP NEAR5 address)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/15 01:45
S667	2	S665 and (IP NEAR5 address) AND (router$4 gateway$4 switch$4 network near2 (equipment device element))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/15 01:46
S668	48	("20060093135" | "20040022237" | "7055174" | "20060153342" | "20060258328" | "6724860" | "20070112964" | "7046658" | "20030200311" | "8116307" | "6151385" | "6597686" | "6744858" | "20060072550" | "20050025043" | "6963557" | "20040240439").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/15 01:47
S669	34	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$	US-PGPUB; USPAT; DERWENT	OR	ON	2019/08/15 01:47

		or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$ or US-20140016635-$ or US-20090017842-$ or US-20060109960-$ or US-20080255944-$ or US-20060077983-$ or US-20080261560-$ or US-20030087648-$).did. or (US-20060043164-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.				
S670	27	(S668 S669) and (IP NEAR5 address) AND (router$4 gateway$4 switch$4 network near2 (equipment device element))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/15 01:47
S671	27	(S668 S669) and (IP NEAR5 address) AND (router$4 gateway$4 switch$4 network near2 (equipment device element)) and (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/15 01:48
S672	25	(S668 S669) and (IP NEAR5 address) SAME2 (router$4 gateway$4 switch$4 network near2 (equipment device element)) and (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/15 01:48
S673	8	(S668 S669) and ((second another different alternativ$4 third fourth "2nd" "3rd") WITH IP NEAR5 address) SAME2 (router$4 gateway$4 switch$4 network near2 (equipment device element)) and (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/15 01:49
S674	1	"36462815".FMID.	US-PGPUB; USPAT; FPRS	OR	ON	2019/08/15 01:55

S675	24	(S668 S669) and (IP NEAR5 address) SAME2 (router$4 gateway$4 switch$4 network near2 (equipment device element) and (location$4 gps)) and (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/15 02:01
S676	24	(S668 S669) and (IP NEAR5 address) SAME2 (router$4 gateway$4 switch$4 network near2 (equipment device element) SAME3 (location$4 gps)) and (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/15 02:01
S677	24	(S668 S669) and (IP NEAR5 address) SAME3 (router$4 gateway$4 switch$4 network near2 (equipment device element) SAME3 (location$4 gps)) and (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/15 02:01
S678	20	(S668 S669) and (IP NEAR5 address) SAME (router$4 gateway$4 switch$4 network near2 (equipment device element) SAME (location$4 gps)) and (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/15 02:02
S679	1	14/035806.app.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2019/08/16 18:36
S680	3	(US-20080056235-$ or US-20070286170-$ or US-20070230423-$).did.	US-PGPUB	OR	ON	2019/08/16 18:53
S681	1	14/035806.app.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/05/02 14:09
S682	11	((("VOIP-PAL.COM") near3 ("INC"))).AS,AANM.	USPAT	OR	ON	2020/05/02 14:10

S683	16	((("Sobolyev") near3 ("Maksym"))).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2020/05/02 14:11
S684	10	((("Huttunen") near3 ("Pentti") near3 ("Kalevi"))).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2020/05/02 14:11
S685	4	((("Malak") near3 ("Emil"))).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2020/05/02 14:11
S686	29	(digifonica).as,AANM.	US-PGPUB; USPAT	OR	ON	2020/05/02 14:12
S687	20	((("VOIP-PAL.COM"))).AS,AANM.	US-PGPUB; USPAT	OR	ON	2020/05/02 14:12
S688	0	(S687 S686 S685 S684 S683 S682) AND (source$4 and destinat$4 and (access$4 NEAR4 (code$4 id idenfication$4 key flag$4)) AND (location$4 gps) AND (reply$4 feedback$4)).clm.	US-PGPUB; USPAT	OR	ON	2020/05/02 16:58
S689	0	(S687 S686 S685 S684 S683 S682) AND (source$4 and destinat$4 and (access$4 AND (code$4 id idenfication$4 key flag$4)) AND (location$4 gps) AND (reply$4 feedback$4)).clm.	US-PGPUB; USPAT	OR	ON	2020/05/02 17:05
S690	3	(S687 S686 S685 S684 S683 S682) AND ((destinat$4 UE terminal$4 phone mobile$4 WTRU STA STA TE TA) and (access$4 AND (code$4 id idenfication$4 key flag$4)) AND (location$4 gps) AND (reply$4 feedback$4)).clm.	US-PGPUB; USPAT	OR	ON	2020/05/02 17:06
S691	36	(US-20080261560-$ or US-20080125146-$ or US-20070281705-$ or US-20030095542-$ or US-20140016635-$ or US-20070112964-$ or US-20080255944-$ or US-20080056235-$ or US-20080160953-$ or US-20030087648-$ or US-20030114145-$ or US-20060077983-$ or US-20070286170-$ or US-20020122391-$ or US-20040042607-$ or US-20060043164-$ or US-	US-PGPUB; USPAT; DERWENT	OR	ON	2020/05/02 17:38

		20080101370-$ or US-20090017842-$ or US-20100004005-$ or US-20030114139-$ or US-20060189337-$ or US-20070156909-$ or US-20040205211-$ or US-20090252159-$ or US-20070121590-$ or US-20060109960-$).did. or (US-20090265552-$ or US-20040022237-$ or US-20070230423-$).did. or (US-6016319-$ or US-6963635-$ or US-6674745-$ or US-5454030-$ or US-7079526-$ or US-7068684-$).did. or (WO-2010012090-$).did.				
S692	3	(US-20080056235-$ or US-20070286170-$ or US-20070230423-$).did.	US-PGPUB	OR	ON	2020/05/02 17:45
S693	2	S692 and (location$4 gps) and (packet$4 frame$4 reply$4 echo$3)	US-PGPUB	OR	ON	2020/05/02 19:03
S694	1	S681 and (access near5 code$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/05/02 19:14
S700	1	14/035806.app.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/05/04 13:07
S701	3	(US-20080056235-$ or US-20070286170-$ or US-20070230423-$).did.	US-PGPUB	OR	ON	2020/05/04 14:21
S702	2	S701 and (location$4 gps) and (packet$4 frame$4 reply$4 echo$3)	US-PGPUB	OR	ON	2020/05/04 14:21
S703	1	S700 and (location$4 gps) SAME (access near4 code$1)	US-PGPUB	OR	ON	2020/05/04 14:46
S704	1	S701 and (access$4 NEAR5 code$1)	US-PGPUB; USPAT; FPRS; EPO;	OR	ON	2020/05/04 15:08

			JPO; IBM_TDB			
S705	2	S701 and (access$4 AND location$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2020/05/04 15:08
S706	45	(reply$3 feedback$4 feed$1back$3 acknowledg$4 ACK respons$4) NEAR3 (messag$4 packet$4 frame$1 PDU data adj2 gram$1 data adj2 unit$4) SAME access$3 NEAR3 code$3 SAME (location$3 GPS position$4 coordinat$4 latitud$4) NEAR5 (identifier$3 ID information$4 data$1) SAME (request$4 demand$4 ask$4 query$4 solicit$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2020/05/04 16:11
S707	45	(reply$3 feedback$4 feed$1back$3 acknowledg$4 ACK respons$4) NEAR3 (messag$4 packet$4 frame$1 PDU data adj2 gram$1 data adj2 unit$4) SAME access$3 NEAR3 code$3 SAME (location$3 GPS position$4 coordinat$4 latitud$4) NEAR5 (identifier$3 ID information$4 data$1) SAME (request$4 demand$4 ask$4 query$4 solicit$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2020/05/04 16:18
S708	22	(reply$3 feedback$4 feed$1back$3 acknowledg$4 ACK respons$4) NEAR3 (messag$4 packet$4 frame$1 PDU data adj2 gram$1 data adj2 unit$4) SAME access$3 NEAR3 code$3 SAME (location$3 GPS position$4 coordinat$4 latitud$4) NEAR5 (identifier$3 ID information$4 data$1) SAME (request$4 demand$4 ask$4 query$4 solicit$4) SAME (channel$3 path$1 rout$4 link$1 lane$1 piplelin$1 pathway$1 tunnel$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2020/05/04 16:48
S709	11511	(reply$4 feed$1back$4 feedbck$1 acknowledg$5 ACK) NEAR5 (channel$4 frequency$4 path$4 rout$4 access$1 near2 code$4) SAME (location$4 gps$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2020/05/04 17:03

S710	3866	(reply$4 feed$1back$4 feedbck$1 acknowledg$5 ACK) NEAR5 (channel$4 frequency$4 path$4 rout$4 access$1 near2 code$4) SAME (location$4 gps$4) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2020/05/04 17:04
S711	34	((server$4 gatewar$4 rout$4) NEAR6 (reply$4 feed$1back$4 feedbck$1 acknowledg$5 ACK) NEAR5 (channel$4 frequency$4 path$4 rout$4 access$1 near2 code$4) SAME (location$4 gps$4) NEAR5 (WD wireless adj2 device$4 WTRU terminal TA TE user adj2 equipment UE STA STB)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2020/05/04 17:05
S712	104	((server$4 gatewar$4 rout$4) NEAR6 (reply$4 feed$1back$4 feedbck$1 acknowledg$5 ACK) SAME (channel$4 frequency$4 path$4 rout$4 access$1 near2 code$4) SAME (location$4 gps$4) SAME (WD wireless adj2 device$4 WTRU terminal TA TE user adj2 equipment UE STA STB)) AND (@AD <"20080728") NOT S711	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2020/05/04 17:29
S713	138	((server$4 gatewar$4 rout$4) NEAR6 (reply$4 feed$1back$4 feedbck$1 acknowledg$5 ACK) SAME (channel$4 frequency$4 path$4 rout$4 access$1 near2 code$4) SAME (location$4 gps$4) SAME (WD wireless adj2 device$4 WTRU terminal TA TE user adj2 equipment UE STA STB)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2020/05/04 17:29
S714	104	S713 NOT S711	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2020/05/04 17:32

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp

L17	5	((destinat$4 UE terminal$4 phone mobile$4 WTRU STA STA TE TA) and (access$4 AND (code$4 id idenfication$4 key flag$4)) AND (location$4 gps geographic$5) AND (reply$4 feedback$4) AND (router$4 gateway$4) AND (channel$4 path$4 rout$4 link$4) and (distinct$4 different$4 another$4 separat$4) AND (user$1 input$4) AND (server$4 webserver$4) AND (packet$4 frame$4 messag$4 PDU)).clm.	USPAT	OR	ON	2020/05/05 19:28
S695	1128	((destinat$4 UE terminal$4 phone mobile$4 WTRU STA STA TE TA) and (access$4 AND (code$4 id idenfication$4 key flag$4)) AND (location$4 gps) AND (reply$4 feedback$4)).clm.	US-PGPUB; USPAT	OR	ON	2020/05/02 17:07
S696	57	((destinat$4 UE terminal$4 phone mobile$4 WTRU STA STA TE TA) and (access$4 AND (code$4 id idenfication$4 key flag$4)) AND (location$4 gps) AND (reply$4 feedback$4) AND (router$4 gateway$4) AND (channel$4 path$4 rout$4 link$4) and (distinct$4 different$4 another$4 separat$4)).clm.	US-PGPUB; USPAT	OR	ON	2020/05/02 17:09
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		(channel$4 path$4 rout$4 link$4) and (distinct$4 different$4 another$4 separat$4) AND (user$1 input$4) AND (server$4 webserver$4) AND (packet$4 frame$4 messag$4 PDU)).clm.				

5/5/2020 10:04:53 PM
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To: patentdocket@tnw.com,warren.archibald@tnw.com,
From: PAIR_eOfficeAction@uspto.gov
Cc: PAIR_eOfficeAction@uspto.gov
Subject: Private PAIR Correspondence Notification for Customer Number 20551

May 13, 2020 09:05:19 AM

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THORPE NORTH & WESTERN, LLP.
P.O. Box 1219
SANDY, UT 84091-1219
UNITED STATES

The following USPTO patent application(s) associated with your Customer Number, 20551 , have new outgoing correspondence. This correspondence is now available for viewing in Private PAIR.

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Application	Document	Mailroom Date	Attorney Docket No.
14035806	NOA	05/13/2020	4278-004.PCT.US.CON1

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Courtesy Reminder for
Application Serial No: 14/035,806

Attorney Docket No: 4278-004.PCT.US.CON1
Customer Number: 20551
Date of Electronic Notification: 05/13/2020

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EFS ID:	40268797
Application Number:	14035806
International Application Number:	
Confirmation Number:	5562
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Customer Number:	20551
Filer:	Sean Franklin Parmenter/Jenny Morison
Filer Authorized By:	Sean Franklin Parmenter
Attorney Docket Number:	4278-004.PCT.US.CON1
Receipt Date:	12-AUG-2020
Filing Date:	24-SEP-2013
Time Stamp:	23:36:32
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

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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/30EFS (03-09)
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REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL
(Submitted Only via EFS-Web)

Application Number	14/035,806	Filing Date	2013-09-24	Docket Number (if applicable)	4278-004.PCT.US.CON1	Art Unit	2411
First Named Inventor	Johan Emil Viktor Björseii			Examiner Name	M. Mostazir Rahman		

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. The Instruction Sheet for this form is located at WWW.USPTO.GOV

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).

☐ 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.

- ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____
- ☐ Other _____

☒ Enclosed

- ☐ Amendment/Reply
- ☒ Information Disclosure Statement (IDS)
- ☐ Affidavit(s)/ Declaration(s)
- ☐ Other _____

MISCELLANEOUS

☐ 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)

☐ Other _____

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 any underpayment of fees, or credit any overpayments, to Deposit Account No 200100

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

☒ Patent Practitioner Signature

☐ Applicant Signature

PTO/SB/30EFS (03-09)
Approved for use through 04/30/2009. OMB 0651-0031
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Signature of Registered U.S. Patent Practitioner			
Signature	/Sean F. Parmenter/	Date (YYYY-MM-DD)	2020-08-12
Name	Sean F. Parmenter	Registration Number	53437

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.

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

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The information provided by you in this form will be subject to the following routine uses:

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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 inspections 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.

Electronic Patent Application Fee Transmittal

Application Number:	14035806
Filing Date:	24-Sep-2013
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Filer:	Sean Franklin Parmenter/Jenny Morison
Attorney Docket Number:	4278-004.PCT.US.CON1

Filed as Small Entity

Filing Fees for Utility under 35 USC 111(a)

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($)
Miscellaneous:				
RCE- 2ND AND SUBSEQUENT REQUEST	2820	1	950	950
		Total in USD ($)		**950**

Electronic Acknowledgement Receipt

EFS ID:	40268140
Application Number:	14035806
International Application Number:	
Confirmation Number:	5562
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Customer Number:	20551
Filer:	Sean Franklin Parmenter/Jenny Morison
Filer Authorized By:	Sean Franklin Parmenter
Attorney Docket Number:	4278-004.PCT.US.CON1
Receipt Date:	12-AUG-2020
Filing Date:	24-SEP-2013
Time Stamp:	23:37:35
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	$950
RAM confirmation Number	E20208BN38364671
Deposit Account	
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
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Information:					
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Warnings:					
Information:					
This is not an USPTO supplied IDS fillable form					
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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

ART UNIT: 2411 EXAMINER: M. Mostazir Rahman FIRST NAMED INVENTOR: Johan Emil Viktor Björsell SERIAL NO.: 14/035,806 FILED: 9/24/2013 CONF. NO.: 5562 FOR: MOBILE GATEWAY DOCKET NO.: 4278-004.PCT.US.CON1	**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8** DATE OF DEPOSIT: August 12, 2020 I hereby certify that this paper or fee (along with any paper or fee referred to as being attached or enclosed) is being submitted on the date indicated above via: ☒ EFS Web ☐ facsimile to _____ ☐ the United States Postal Service with sufficient postage as first class mail addressed to: Mail Stop _____, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. /Sean F. Parmenter/ Sean F. Parmenter

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.56, 1.97 and 1.98

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

Dear Sir/Madam:

Pursuant to the duty of disclosure under 37 C.F.R. §§ 1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement, which is being submitted in accordance with:

☒ 37 C.F.R. § 1.97(b)(1) or (3) or (4), within three months of the filing date of the application, or before a first office action on the merits, or before the mailing of a first Office action after the filing of a request for continued examination under 37 C.F.R. § 1.114, whichever occurs last;

☐ 37 C.F.R. § 1.97(c), after a first office action on the merits, but before a Final Office Action or a Notice of Allowance, whichever occurs first, and is accompanied by **EITHER** a statement in accordance with 37 C.F.R. § 1.97(e), **OR** the fee set forth in 37 C.F.R. § 1.17(p); or

☐ 37 C.F.R. § 1.97(d), after a Final Office Action, Notice of Allowance or Ex parte Quayle

action, whichever occurs first, but on or before payment of the issue fee, and is accompanied by **BOTH** a statement in accordance with 37 C.F.R. § 1.97(e), **AND** the fee set forth in 37 C.F.R. § 1.17(p).

SUBMISSIONS

Please find enclosed, pursuant to 37 C.F.R. §§ 1.97 and 1.98:

☒ Form **PTO/SB/08A** and/or **PTO/SB/08B** listing the references submitted for consideration, which contains a list of all patents, publications and all other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c).

☒ Legible copies of the listed non-patent documents, unpublished U.S. applications and foreign documents or their relevant portions are included.

☐ All English translations of each non-English reference, if any, within the possession, custody, control or availability of anyone designated in 37 C.F.R. § 1.56(c) (see 37 C.F.R. §1.98 are included.

☐ For all listed references that are not either in the English language, or accompanied by a translation into English, a concise explanation of relevance as required under 37 C.F.R. § 1.98(a)(3) is enclosed attached to each.

Copies of references listed on the enclosed PTO/SB/08A and/or PTO/SB/08B are **not** enclosed:

☐ because, under 37 C.F.R. § 1.98.(d), they were previously cited by or submitted to the Office in application number _____, which is relied upon for an earlier filing date under 37 C.F.R. § 1.20.

☐ because they are substantially cumulative of an enclosed reference.

STATEMENT IN ACCORDANCE WITH 37 C.F.R. § 1.97(e)

☐ I hereby certify that each item contained in the information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

☐ I hereby certify that no item contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the information disclosure statement.

REMARKS

While no representation is made that any of these references may be "prior art" within the meaning of that term in accordance with 37 C.F.R. §§ 102 or 103, the enclosed list of references is disclosed so as to comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record believes that the references listed, together with any other references which may have been previously submitted or listed, are the closest to the claimed invention (taken in its entirety) of which the undersigned is presently aware, and no art which is closer to the claimed invention (taken in its entirety) has been knowingly withheld.

☐ Payment in the amount of $ ____ constituting the submission fee set forth in 37 C.F.R. § 1.17(p) is enclosed.

In the event that 37 C.F.R. § 1.97(c) applies and the Examiner is not satisfied that the Statement meets the requirements of 37 C.F.R. § 1.97(e), or in any other event remediable by a fee, please credit any

over payment or charge any additional fees to Deposit Account No. 20-0100 of the undersigned.

Dated this 12th day of August, 2020.

Respectfully submitted,

/Sean F. Parmenter/

Sean F. Parmenter
Attorney for Applicant
Registration No. 53437

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Sandy, Utah 84091-1219
Telephone: (801) 566-6633

Substitute for form 1449/PTO **INFORMATION DISCLOSURE STATEMENT BY APPLICANT** (Use as many sheets as necessary)				**Complete if Known**	
				Application Number	14/035,806
				Filing Date	9/24/2013
				First Named Inventor	Johan Emil Viktor Björsell
				Art Unit	2411
				Examiner Name	M. Mostazir Rahman
Sheet		of		Attorney Docket Number	4278-004.PCT.US.CON1

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
	1	ANDREW CRAY, IP PBXs: Open Questions, Data Communications, The Global Magazine for Network Architects, pgs. 1, 114, 69-84, March 1999, United States.	
	2	MARK SPENCER, ET AL., The Asterisk Handbook, March 30, 2003, 71 pages, Version 2, Digium, Inc., United States.	
	3	JIM VAN MEGGELEN, ET AL., Asterisk: The Future of Telephony, August 31, 2005, 376 pages, O'Reilly Media, Inc., United States.	
	4	DAVID GOMILLION, ET AL., Building Telephony Systems with Asterisk, September, 2005, 174 pages, Packt Publishing, United Kingdom.	
	5	PAUL MAHLER., VoIP Telephony with Asterisk, 2004, 211 pages, Signate, United States.	
	6	AVAYA INC., Understanding VoIP, Leveraging Technology for a Competitive Edge, White Paper, October 2005, 31 pages, Avaya Inc., United States.	
	7	AVAYA INC., Feature Description and Implementation for Avaya Communication Manager, Issue 3, June 2005, 1444 pages, Avaya Inc., United States.	
	8	AVAYA INC., Administration Guide for Avaya Communication Manager, Issue 1, June 2005, 1656 pages, Avaya Inc., United States.	
	9	AVAYA INC., Configuring Avaya Communication Manager with a Multi Location Dial Plan – Issue 1.0, Avaya Solution & Interoperability Test Lab, March 18, 2004, 18 pages, Avaya Inc., United States.	
	10	AVAYA INC., Application Notes for H.323 Voice over IP Trunking between Avaya Communication Manager and VoIP Americas Nativevoip VoIP Service – Issue 1.0, Avaya Solution & Interoperability Test Lab, 2005, 13 pages, Avaya Inc., United States.	
	11	AVAYA INC., Configuring H.323 Signaling and IP Trunks between Avaya Communication Manager and Cisco CallManager 4.0 – Issue 1.0, Avaya Solution & Interoperability Test Lab, 2005, 19 pages, Avaya Inc., United States.	
	12	JOHN ALEXANDER, ET AL., A Cisco AVVID Solution, Cisco CallManager Fundamentals, 2002, 722 pages, Cisco Press, United States.	
	13	JOHN ALEXANDER, ET AL., Cisco CallManager Fundamentals, Second Edition, 2006, 975 pages, Cisco Systems, Inc., United States.	

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet | | of | |

Complete if Known	
Application Number	14/035,806
Filing Date	9/24/2013
First Named Inventor	Johan Emil Viktor Björsell
Art Unit	2411
Examiner Name	M. Mostazir Rahman
Attorney Docket Number	4278-004.PCT.US.CON1

	14	SALVATORE COLLORA ET AL., A Cisco AVVID Solution, Cisco CallManager Best Practices, 2004, 620 pages, Cisco Systems, Inc., United States.	
	15	CISCO SYSTEMS, INC., Cisco IP Telephony Network Design Guide, Cisco CallManager Release 3.0(5), 2000, 262 pages, Cisco Systems, Inc., United States.	
	16	DAVID BATEMAN, Configuring CallManager and Unity: A Step-by-Step Guide, 2005, 560 pages, Cisco Press, United States.	
	17	CISCO SYSTEMS, INC., System Description for the Cisco Communications Network, Version 2.1, January 1999, 42 pages, Cisco Systems, Inc., United States.	
	18	Web-page, http://business.mci.com/small_business/local_long_distance/mci_advantage_faq.jsp, as accessed March 12, 2019, 3 pages, MCI Inc., United States.	
	19	HENRY SINNREICH ET AL., SIP Beyond VoIP, July 2005, pages 48-53, VON Publishing, LLC, Melville, NY, United States.	
	20	TAAVET HINRIKUS, Skype API, Description of Skype API and how to use it, Version 1.2 2005-03-04, 2005, 37 pages, Skype Technologies S.A., Luxembourg.	
	21	BASET ET AL., An Analysis of the Skype Peer-to-Peer Internet Telephony Protocol, September 15, 2004, 12 pages, Department of Computer Science, Columbia University, United States.	
	22	HAO WANG, Skype VoIP service- architecture and comparison, INFOTECH Seminar Advanced Communication Services (ACS), 2005, 10 pages, Institute of Communication Networks and Computer Engineering, University of Stuttgart, Germany.	
	23	DENNIS BERGSTRÖM, An analysis of Skype VoIP application for use in a corporate environment., http://www.geocities.com/bergstromdennis/, October 28, 2004, 30 pages, Version 1.3, United States.	
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	25	Web-page, http://www.skype.com/help/guides/call.html, as accessed October 26, 2005, 1 page, Skype Technologies S.A., Luxembourg.	
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Substitute for form 1449/PTO **INFORMATION DISCLOSURE STATEMENT BY APPLICANT** (Use as many sheets as necessary)				**Complete if Known**	
				Application Number	14/035,806
				Filing Date	9/24/2013
				First Named Inventor	Johan Emil Viktor Björsell
				Art Unit	2411
				Examiner Name	M. Mostazir Rahman
Sheet		of		Attorney Docket Number	4278-004.PCT.US.CON1

	29	Web-page, http://www.skype.com/products/, as accessed October 30, 2005, 3 pages, Skype Technologies S.A., Luxembourg.	
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(Use as many sheets as necessary)

Sheet | | of | |

Complete if Known	
Application Number	14/035,806
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First Named Inventor	Johan Emil Viktor Björsell
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Examiner Name	M. Mostazir Rahman
Attorney Docket Number	4278-004.PCT.US.CON1

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Examiner Signature		Date Considered	

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1]Applicant's unique citation designation number (optional). [2]Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. 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. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours 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, 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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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	14/035,806
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	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	M. Mostazir Rahman
SHEET 1 OF 4	Attorney Docket No.	4278-004.PCT.US.CON1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number *Number - Kind Code (if known)* Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	4,661,974	04-28-1987	Bales et al.	
	2	4,799,255	01-17-1989	Billinger et al.	
	3	5,572,583	11-05-1996	Wheeler, Jr. et al.	
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Examiner Signature	Date Considered
***Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 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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	Filing Date	9/24/2013
	First Named Inventor	Johan Emil Viktor Björsell
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	M. Mostazir Rahman
SHEET 2 OF 4	Attorney Docket No.	4278-004.PCT.US.CON1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number *Number - Kind Code (if known)* Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	29	6,870,827 B1	03-22-2005	Voit et al.	
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Examiner Signature	Date Considered
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	Filing Date	9/24/2013
	First Named Inventor	Johan Emil Viktor Björsell
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	M. Mostazir Rahman
SHEET 3 OF 4	Attorney Docket No.	4278-004.PCT.US.CON1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number *Number - Kind Code (if known)* Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
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	70	CA 2668025 C	02-25-2020	VOIP-PAL.COM, INC.		
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SHEET 4 OF 4	Attorney Docket No.	4278-004.PCT.US.CON1

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	87	WO 2004/102941 A1	11-25-2004	Abelev et al.		

NON PATENT LITERATURE DOCUMENTS			
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Electronic Acknowledgement Receipt

EFS ID:	40483313
Application Number:	14035806
International Application Number:	
Confirmation Number:	5562
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Customer Number:	20551
Filer:	Sean Franklin Parmenter/Jenny Morison
Filer Authorized By:	Sean Franklin Parmenter
Attorney Docket Number:	4278-004.PCT.US.CON1
Receipt Date:	04-SEP-2020
Filing Date:	24-SEP-2013
Time Stamp:	20:31:42
Application Type:	Utility under 35 USC 111(a)

Payment information:

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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal Letter	IDSTransmittal.pdf	238033 d0ae45666e7651d0318c54c23d1c09560df6bb14	no	4
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Information:					
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Warnings:					
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3	Foreign Reference	CA2668025C.pdf	5749393 7c21619d95b544d518fc6d1b7fccd62f3e7aa74b	no	157
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5	Foreign Reference	CA3032707A1.pdf	4515626 8bb6f1d2744eb485cb4b52ead9574ba564a8807b	no	123
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6	Foreign Reference	CA3045672A1.pdf	4377729 892e85bd99b03002d502efbad9c9cf7f034b0db2	no	131
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7	Foreign Reference	CA3045681A1.pdf	4412832 48b33544bbb670614bf792113715ef74afb50fdd	no	131
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8	Foreign Reference	CA3045683A1.pdf	4273703 a5ca95f4124067d78493601134 8f05c49fe7a8b6	no	120

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9	Foreign Reference	CA3045694A1.pdf	3767267 3f2f6f1cbe1dec4594aeeed1f8508c77a88fa2e2	no	103
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10	Foreign Reference	EP1054569A1.pdf	202450 3a6ce89c7c8d7dfa716723d0fa3ea550bf820285	no	11
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12	Foreign Reference	EP2311292A2.pdf	3765092 926246f83835c0fb988938db750fdbd3b1576629	no	84
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13	Foreign Reference	EP2311292A4.pdf	47659 f54980e69a58972ca3ff18c4595783f5b4b3b963	no	2
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14	Foreign Reference	EP3386155A1.pdf	3703331 be007b0e3fe56d0127e9de60103ec7765c9b7e43	no	68
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15	Foreign Reference	WO2000069156A1.pdf	3415629 5accee555953ec1fae1254f3e20589fe2db042e3	no	89
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16	Foreign Reference	WO2001006740A2.pdf	2766469 14caa7b7487686eb520eb4479580757cf865b46c	no	74
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17	Foreign Reference	WO2003028355A1.pdf	812565 6208b827ac8bee796317721647e5b1b8b3bd3e5a	no	19
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18	Foreign Reference	WO2003096559A1.pdf	709467 de85fbf88d02f81323e45eb0b74fbf493d510060	no	20
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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

ART UNIT: 2411 EXAMINER: M. Mostazir Rahman FIRST NAMED INVENTOR: Johan Emil Viktor Björsell SERIAL NO.: 14/035,806 FILED: 9/24/2013 CONF. NO.: 5562 FOR: MOBILE GATEWAY DOCKET NO.: 4278-004.PCT.US.CON1	**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8** DATE OF DEPOSIT: September 4, 2020 I hereby certify that this paper or fee (along with any paper or fee referred to as being attached or enclosed) is being submitted on the date indicated above via: ☒ EFS Web ☐ facsimile to _____ ☐ the United States Postal Service with sufficient postage as first class mail addressed to: Mail Stop _____, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. /Sean F. Parmenter/ Sean F. Parmenter

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.56, 1.97 and 1.98

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

Dear Sir/Madam:

Pursuant to the duty of disclosure under 37 C.F.R. §§ 1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement, which is being submitted in accordance with:

☒ 37 C.F.R. § 1.97(b)(1) or (3) or (4), within three months of the filing date of the application, or before a first office action on the merits, or before the mailing of a first Office action after the filing of a request for continued examination under 37 C.F.R. § 1.114, whichever occurs last;

☐ 37 C.F.R. § 1.97(c), after a first office action on the merits, but before a Final Office Action or a Notice of Allowance, whichever occurs first, and is accompanied by **EITHER** a statement in accordance with 37 C.F.R. § 1.97(e), **OR** the fee set forth in 37 C.F.R. § 1.17(p); or

☐ 37 C.F.R. § 1.97(d), after a Final Office Action, Notice of Allowance or Ex parte Quayle

action, whichever occurs first, but on or before payment of the issue fee, and is accompanied by **BOTH** a statement in accordance with 37 C.F.R. § 1.97(e), **AND** the fee set forth in 37 C.F.R. § 1.17(p).

SUBMISSIONS

Please find enclosed, pursuant to 37 C.F.R. §§ 1.97 and 1.98:

☒ Form **PTO/SB/08A** and/or **PTO/SB/08B** listing the references submitted for consideration, which contains a list of all patents, publications and all other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c).

☒ Legible copies of the listed non-patent documents, unpublished U.S. applications and foreign documents or their relevant portions are included.

☐ All English translations of each non-English reference, if any, within the possession, custody, control or availability of anyone designated in 37 C.F.R. § 1.56(c) (see 37 C.F.R. §1.98 are included.

☐ For all listed references that are not either in the English language, or accompanied by a translation into English, a concise explanation of relevance as required under 37 C.F.R. § 1.98(a)(3) is enclosed attached to each.

Copies of references listed on the enclosed PTO/SB/08A and/or PTO/SB/08B are **not** enclosed:

☐ because, under 37 C.F.R. § 1.98.(d), they were previously cited by or submitted to the Office in application number _____, which is relied upon for an earlier filing date under 37 C.F.R. § 1.20.

☐ because they are substantially cumulative of an enclosed reference.

STATEMENT IN ACCORDANCE WITH 37 C.F.R. § 1.97(e)

☐ I hereby certify that each item contained in the information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

☐ I hereby certify that no item contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the information disclosure statement.

REMARKS

While no representation is made that any of these references may be "prior art" within the meaning of that term in accordance with 37 C.F.R. §§ 102 or 103, the enclosed list of references is disclosed so as to comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record believes that the references listed, together with any other references which may have been previously submitted or listed, are the closest to the claimed invention (taken in its entirety) of which the undersigned is presently aware, and no art which is closer to the claimed invention (taken in its entirety) has been knowingly withheld.

☐ Payment in the amount of $ ____ constituting the submission fee set forth in 37 C.F.R. § 1.17(p) is enclosed.

In the event that 37 C.F.R. § 1.97(c) applies and the Examiner is not satisfied that the Statement meets the requirements of 37 C.F.R. § 1.97(e), or in any other event remediable by a fee, please credit any

over payment or charge any additional fees to Deposit Account No. 20-0100 of the undersigned.

Dated this 4th day of September, 2020.

Respectfully submitted,

/Sean F. Parmenter/

Sean F. Parmenter
Attorney for Applicant
Registration No. 53437

THORPE NORTH & WESTERN, LLP
Customer No. 20,551
P.O. Box 1219
Sandy, Utah 84091-1219
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	14/035,806
	Filing Date	9/24/2013
	First Named Inventor	Johan Emil Viktor Björsell
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	M. Mostazir Rahman
SHEET 1 OF 2	Attorney Docket No.	4278-004.PCT.US.CON1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[1]
	1	J. Postel, RFC 768, "User Datagram Protocol", ISI, August 1980, 3 pages, https://tools.ietf.org/pdf/rfc768.pdf	
	2	J. Postel et al., RFC 793, "Transmission Control Protocol: DARPA Internet Program Protocol Specification," September 1981, 89 pages, https://tools.ietf.org/pdf/rfc768.pdf	
	3	J. Postel, RFC 821, "Simple Mail Transfer Protocol", ISI, August 1982, 70 pages, https://tools.ietf.org/pdf/rfc821.pdf	
	4	J. Mogul, J. Postel, RFC 950, "Internet Standard Subnetting Procedure," August 1985, 18 pages, https://tools.ietf.org/pdf/rfc950.pdf	
	5	H. Schulzrinne et al., RFC 1889, "RTP: A Transport Protocol for Real-Time Applications," January 1996, 75 pages, https://tools.ietf.org/pdf/rfc1889.pdf	
	6	P. Falstrom, Cisco Systems Inc., RFC 2916, "E.164 number and DNS," September 2000, 10 pages, https://tools.ietf.org/pdf/rfc2916.pdf	
	7	R. Stewart et al., RFC 2960, "Stream Control Transmission Protocol," October 2000, 134 pages, https://tools.ietf.org/pdf/rfc2960.pdf	
	8	G. Sidebottom et al., RFC 3332, "Signaling System 7 (SS7) Message Transfer Part 3 (MTP3) - User Adaptation Layer (M3UA)," September 2002, 120 pages, https://tools.ietf.org/pdf/rfc3332.pdf	
	9	G. Camarillo et al., RFC 3398, "Integrated Services Digital Network (ISDN) User Part (ISUP) to Session Initiation Protocol (SIP) Mapping," Dec. 2002, 68 pages, https://tools.ietf.org/pdf/rfc3398.pdf	
	10	F. Andreasen et al., Cisco Systems, RFC 3435, "Media Gateway Control Protocol (MGCP) – Version 1.0," January 2003, 210 pages, https://tools.ietf.org/pdf/rfc3435.pdf	
	11	M. Foster et al., NeuStar, Inc., RFC 3482, "Number Portability in the Global Switched Telephone Network (GSTN): An Overview," February 2003, 30 pages, https://tools.ietf.org/pdf/rfc3482.pdf	
	12	ITU-T Recommendation H.225.0, "Call signalling protocols and media stream packetization for packet-based multimedia communication systems," 1996, https://www.itu.int/rec/T-REC-H.225.0	
	13	ITU-T Recommendation H.245, "Control protocol for multimedia communication," 1996, https://www.itu.int/rec/T-REC-H.245/en	
	14	ITU-T Recommendation H.248.1, "Gateway control protocol," 2002, https://www.itu.int/rec/T-REC-H.248.1	
	15	ITU-T Recommendation H.323, "Packet-based multimedia communications systems," 1996, https://www.itu.int/rec/T-REC-H.323/	
	16	ITU-T Recommendation X.500, "Information technology - Open Systems Interconnection - The Directory: Overview of concepts, models and services," 1988, https://www.itu.int/rec/T-REC-X.500	
	17	Bellcore, "Bell Communications Research Specification of Signalling System Number 7" (Bell Communications Research Specification of SS7), GR–246–CORE, Issue 3, 2644 pages, December 1998	
	18	Performance Technologies, Inc., "Tutorial on Signaling System 7 (SS7)," SS7 Tutorial by Performance Technologies (www.pt.com), 23 pages, 2003	

Examiner Signature	Date Considered
***Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

T[1] - Place a check mark in this area when an English language Translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	14/035,806
	Filing Date	9/24/2013
	First Named Inventor	Johan Emil Viktor Björsell
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	M. Mostazir Rahman
SHEET 2 OF 2	Attorney Docket No.	4278-004.PCT.US.CON1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[1]
	19	Huitema et al., "An Architecture for Residential Internet Telephony Service," IEEE Network, May/June 1999, 7 pages	
	20	Lucent Technologies, "Definity System's Little Instruction Book for Basic Administration," April 2000, 124 pages	
	21	Cisco Systems, "Enhanced Gatekeeper Solutions Using GKTMP/API", White Paper, 2000, 12 pages	
	22	Anerousis et al., "TOPS: An Architecture for Telephony over Packet Networks," IEEE Journal on Selected Areas in Communications, Vol. 17, No. 1, January 1999 (18 pages)	
	23	Anonymous, "What Is ENUM?", Network World, IDG Communications, May 11, 2004, as downloaded 9/3/2020 from: https://www.networkworld.com/article/2332977/lan-wan-what-is-enum.html (8 pages)	
	24	Cisco Systems, "Cisco Gatekeeper External Interface Reference, Version 4.2," Cisco IOS Release 12.2(15)T, March 2003 (146 pages)	
	25	Don Brown, "Unified Communications Using Communité," White Paper, Interactive Intelligence, May 1, 2002 (24 pages)	
	26	Vonexus, "Microsoft-based IP PBX Communications Solution: Enterprise Interaction Center," Vonexus (a wholly-owned subsidiary of Interactive Intelligence Inc., July 2004 (4 pages)	
	27	Donald E. Brown, "The Interaction Center Platform," White Paper, Interactive Intelligence, February 18, 2003 (35 pages)	
	28	Interactive Intelligence, Inc., "Interaction Director Technical Overview," Interaction Center 1.3, 2.1, and 2.2, Interactive Intelligence, 2003 (35 pages)	
	29	Interactive Intelligence, Inc., "Interaction SIP Proxy," Datasheet, Interactive Intelligence, February 2004 (2 pages).	
	30	Bob Roaten, "IP Telephony and EIC: A Technical Overview," White Paper, Interactive Intelligence, July 22, 1998 (9 pages)	
	31	David Fuller, "IP Telephony and the Interaction Center Platform," White Paper, Interactive Intelligence, September 25, 2003 (29 pages)	

20200908A

Examiner Signature	Date Considered
***Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

T[1] - Place a check mark in this area when an English language Translation is attached.

Electronic Acknowledgement Receipt

EFS ID:	40499483
Application Number:	14035806
International Application Number:	
Confirmation Number:	5562
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Customer Number:	20551
Filer:	Sean Franklin Parmenter/Jenny Morison
Filer Authorized By:	Sean Franklin Parmenter
Attorney Docket Number:	4278-004.PCT.US.CON1
Receipt Date:	08-SEP-2020
Filing Date:	24-SEP-2013
Time Stamp:	23:49:26
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	Transmittal Letter	IDSTransmittal.pdf	237991 1fe17442876d3335f558da657d71a77a9356f130	no	4
Warnings:					

Information:					
2	Information Disclosure Statement (IDS) Form (SB08)	SB08B.pdf	327278 07338b911a8d221ecb399224b7b92029f0b0e935	no	2
Warnings:					
Information:					
This is not an USPTO supplied IDS fillable form					
3	Non Patent Literature	Anerousisetal-IEEE-TOPSAnArchitectureforTelephony.pdf	442374 0afc04ed0e4cb41699af0b54bb10805111d62d57	no	18
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Information:					
4	Non Patent Literature	CiscoEnhancedGatekeeperGKAPISolutions.pdf	148856 8aff5925514d93dd9edf4f041379595f6e747e2a	no	12
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Information:					
5	Non Patent Literature	CiscoGatekeeperExtrnalInterfaceReferencegktmpapi.pdf	1731630 7b5c785a7f8cc9fe18ce18e1ed103dad98e96138	no	146
Warnings:					
Information:					
6	Non Patent Literature	DefinityEnterpriseR8-2LittleInstructionBookforBasicAdministration.pdf	1047047 5f0dc9cdad1532ff7e6e15bae9bd4ba28bbaf46e	no	124
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Information:					
7	Non Patent Literature	InteractionDirectorTechnicalOverview.pdf	762047 946f24bb6a525299ae6c7d25444560f03191779b	no	35
Warnings:					
Information:					
8	Non Patent Literature	IP_Telephony_and_the_IC_Platform-White_Paper-Interactive_Intelligence-Fuller.pdf	3870372 33d0f94130a73c61dc244159e418c69177f1c783	no	29
Warnings:					
Information:					

9	Non Patent Literature	InteractionCenterPlatform-WhitePaper-Brown-1.pdf	569117 75c889e75bbdab32cde76089fdc60eaf9f5a05db	no	35
Warnings:					
Information:					
10	Non Patent Literature	IPtelephonyandEIC-TechnicalOverview-InteractiveIntelligence-Roaten-1.pdf	275282 1112da11740c5d107e9ab20dc7451c2ec2a669dc	no	9
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Information:					
11	Non Patent Literature	ITU-TH245_Controlprotocolformultimediacommunication-1.pdf	124484 288966a6059e724e019f9c0297f090fcd13eb6b9	no	2
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Information:					
12	Non Patent Literature	ITU-TH323_Packet-basedmultimediacommunicationssystems-1.pdf	131020 105a373d2776ed39433cd2ee9983b9a06be951af	no	2
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Information:					
13	Non Patent Literature	ITU-TH2250_Callsignallingprotocolsandmediastreampacketization-1.pdf	130644 acda5dcb3b29ccbc373649074b9ecb6492245115	no	2
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Information:					
14	Non Patent Literature	ITU-TH2481_Gatewaycontrolprotocol_Version3-1.pdf	126888 01132134a98e262ac740364fec25488771824053	no	2
Warnings:					
Information:					
15	Non Patent Literature	ITU-TX500_Informationtechnology-OpenSystemsInterconnection-TheDirectory-1.pdf	123474 ce32a0dfcd132b76e7d03bab90013c856681dc1e	no	1
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Information:					

16	Non Patent Literature	rfc768.pdf	9055 4fe7894f4f125d4df0177518de21c0715f80649a	no	3
Warnings:					
Information:					
17	Non Patent Literature	rfc793.pdf	155877 04ca6a8d4a8ff878c71ee95cfc21f5c8af99394c	no	89
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18	Non Patent Literature	rfc821.pdf	118846 6198931fe87f8e4924529d2df41e56d8ab2b1639	no	70
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19	Non Patent Literature	rfc950.pdf	40848 ddea05c014c1133a2d257163bf7cc48e92414038	no	18
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20	Non Patent Literature	rfc1889.pdf	208511 04f9522c9e6562864071226dd9e2b9e1cd01ada7	no	75
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Information:					
21	Non Patent Literature	rfc2916.pdf	30357 8d8ebc8224c824b642900325ae536c84ab8a5b93	no	10
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22	Non Patent Literature	rfc2960.pdf	357874 fd468113a302f550be56a8de96316fc74d144802	no	134
Warnings:					
Information:					

23	Non Patent Literature	rfc3332.pdf	284295 a478d5c9111b782401e0b74e109d77886af3912d	no	120
Warnings:					
Information:					
24	Non Patent Literature	rfc3398.pdf	200535 4c02fc594560002cfbcc67e9ebae3393bb771071	no	68
Warnings:					
Information:					
25	Non Patent Literature	rfc3435.pdf	507360 e1245dfb552ef7e6c172a80986d68bed7d214f99	no	210
Warnings:					
Information:					
26	Non Patent Literature	rfc3482.pdf	81304 4b680e5d5221423e4ae65290abf5002ce4b3ecff	no	30
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Information:					
27	Non Patent Literature	tutorial-on-signaling-system-7-ss7-performance-technologies.pdf	471539 3838ef17d69c96af28c39fc7c96708a96dbc426b	no	23
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Information:					
28	Non Patent Literature	UnifiedCommunicationsUsingCommunite-InteractiveIntelligence-Brown-1.pdf	328501 676f0f55db1a588fb5b14035884425edbb3d2322	no	24
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29	Non Patent Literature	WhatisENUM_NetworkWorld-1.pdf	140814 5192e08b35d80d9461503bce72412fe76e9abed6	no	8
Warnings:					
Information:					

30	Non Patent Literature	IP_Telephony_and_the_IC_Platform-White_Paper-Interactive_Intelligence-Fuller-1.pdf	2698666 487469a2f20002e5410ec25f35d015e78f4cd37a	no	29
Warnings:					
Information:					
			Total Files Size (in bytes):	15682886	

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

ART UNIT: 2411 EXAMINER: M. Mostazir Rahman FIRST NAMED INVENTOR: Johan Emil Viktor Björsell SERIAL NO.: 14/035,806 FILED: 9/24/2013 CONF. NO.: 5562 FOR: MOBILE GATEWAY DOCKET NO.: 4278-004.PCT.US.CON1	**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8** DATE OF DEPOSIT: September 8, 2020 I hereby certify that this paper or fee (along with any paper or fee referred to as being attached or enclosed) is being submitted on the date indicated above via: ☒ EFS Web ☐ facsimile to _____ ☐ the United States Postal Service with sufficient postage as first class mail addressed to: Mail Stop _____, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. /Sean F. Parmenter/ Sean F. Parmenter

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.56, 1.97 and 1.98

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

Dear Sir/Madam:

Pursuant to the duty of disclosure under 37 C.F.R. §§ 1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement, which is being submitted in accordance with:

☒ 37 C.F.R. § 1.97(b)(1) or (3) or (4), within three months of the filing date of the application, or before a first office action on the merits, or before the mailing of a first Office action after the filing of a request for continued examination under 37 C.F.R. § 1.114, whichever occurs last;

☐ 37 C.F.R. § 1.97(c), after a first office action on the merits, but before a Final Office Action or a Notice of Allowance, whichever occurs first, and is accompanied by **EITHER** a statement in accordance with 37 C.F.R. § 1.97(e), **OR** the fee set forth in 37 C.F.R. § 1.17(p); or

☐ 37 C.F.R. § 1.97(d), after a Final Office Action, Notice of Allowance or Ex parte Quayle

action, whichever occurs first, but on or before payment of the issue fee, and is accompanied by **BOTH** a statement in accordance with 37 C.F.R. § 1.97(e), **AND** the fee set forth in 37 C.F.R. § 1.17(p).

SUBMISSIONS

Please find enclosed, pursuant to 37 C.F.R. §§ 1.97 and 1.98:

☒ Form **PTO/SB/08A** and/or **PTO/SB/08B** listing the references submitted for consideration, which contains a list of all patents, publications and all other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c).

☒ Legible copies of the listed non-patent documents, unpublished U.S. applications and foreign documents or their relevant portions are included.

☐ All English translations of each non-English reference, if any, within the possession, custody, control or availability of anyone designated in 37 C.F.R. § 1.56(c) (see 37 C.F.R. §1.98 are included.

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☐ because they are substantially cumulative of an enclosed reference.

STATEMENT IN ACCORDANCE WITH 37 C.F.R. § 1.97(e)

☐ I hereby certify that each item contained in the information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

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over payment or charge any additional fees to Deposit Account No. 20-0100 of the undersigned.

Dated this 8th day of September, 2020.

Respectfully submitted,

/Sean F. Parmenter/

Sean F. Parmenter
Attorney for Applicant
Registration No. 53437

THORPE NORTH & WESTERN, LLP
Customer No. 20,551
P.O. Box 1219
Sandy, Utah 84091-1219
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	14/035,806
	Filing Date	9/24/2013
	First Named Inventor	Johan Emil Viktor Björsell
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	M. Mostazir Rahman
SHEET 1 OF 5	Attorney Docket No.	4278-004.PCT.US.CON1

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number *Number - Kind Code (if known)* Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	2019/0199621 A1	06-27-2019	Perreault et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document *Country Code-Number-Kind Code* Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T[1]
	2	WO 0223851 A2	03-21-2002	Allirajah et al.		
	3	WO 0225889 A2	03-28-2002	Nisani et al.		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[1]
	4	Third Amended Complaint for Patent Infringement, VoIP-Pal.com, Inc. v. AT&T Corp., United States District Court Northern District of California, Case No. 5:18-cv-06177, filed Nov. 15, 2018, 26 pages	
	5	Third Amended Complaint for Patent Infringement, VoIP-Pal.com, Inc. v. Cellco Partnership d/b/a Verizon Wireless et al., United States District Court Northern District of California, Case No. 5:18-cv-06054, filed Nov. 15, 2018, 25 pages	
	6	Joint Case Management Statement and [Proposed] Order, U.S. District Court Northern District of California, in VoIP-Pal.com, Inc. v. Twitter, Inc., Case No. 18-cv-04523; VoIP-Pal.com, Inc. v. Cellco Partnership d/b/a Verizon Wireless, Case No. 18-cv-06054, VoIP-Pal.com, Inc. v. AT&T Corp., Case No. 3:18-cv-06177, VoIP-Pal.com, Inc. v. Apple Inc., Case No. 3:18-cv-06216 and Case No. 3:18-cv-06217, VoIP-Pal.com, Inc. v. Amazon.com, Inc. et al., Case No. 3:18-cv-07020, Jan. 9, 2019, 29 pages	
	7	Defendants' Consolidated Notice Of Motion And Motion To Dismiss Plaintiff's Complaint; Memorandum Of Points And Authorities In Support, U.S. District Court Northern District of California, in VoIP-Pal.com, Inc. v. Twitter, Inc. et al., Case Nos. 18-cv-04523, 18-cv-06054, 3:18-cv-06177, 3:18-cv-06217, re: U.S. Patent Nos. 8,542,815 and 9,179,005, January 10, 2019, 34 pages	
	8	VoIP-Pal's Opposition To Defendants' Consolidated Motion To Dismiss Plaintiff's Complaint: Memorandum Of Points And Authorities In Support, U.S. District Court Northern District of California, in VoIP-Pal.com, Inc. v. Twitter, Inc. et al., Case Nos. 18-cv-04523, 18-cv-06054, 18-cv-06177, 18-cv-06217, February 7, 2019, 33 pages.	
	9	Declaration of William Henry Mangione-Smith in Support of VoIP-Pal's Opposition to Defendants' Consolidated Motion to Dismiss Plaintiff's Complaint: Memorandum of Pints and Authorities in Support. U.S. District Court Northern District of California, in VoIP-Pal.com, Inc. v. Twitter, Inc. et al., Case Nos. 18-cv-04523, 18-cv-06054, 18-cv-06177, 18-cv-06217, February 7, 2019, 37 pages.	

Examiner Signature	Date Considered
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	14/035,806
	Filing Date	9/24/2013
	First Named Inventor	Johan Emil Viktor Björsell
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	M. Mostazir Rahman
SHEET 2 OF 5	Attorney Docket No.	4278-004.PCT.US.CON1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[1]
	10	VoIP-Pal's Opposition To Defendants' Consolidated Motion To Dismiss Plaintiff's Complaint: Memorandum Of Points And Authorities In Support (CORRECTED), U.S. District Court Northern District of California, in VoIP-Pal.com, Inc. v. Twitter, Inc. et al., Case Nos. 18-cv-04523, 18-cv-06054, 18-cv-06177, 18-cv-06217, February 12, 2019, 33 pages.	
	11	Defendants' Consolidated Reply in Support of Defendants' Consolidated Motion To Dismiss Plaintiff's Complaint; Memorandum Of Points And Authorities In Support, U.S. District Court Northern District of California, in VoIP-Pal.com, Inc. v. Twitter, Inc. et al., Case Nos. 18-cv-04523, 18-cv-06054, 18-cv-06177, 18-cv-06217, February 28, 2019, 24 pages.	
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	13	Corrected Opening Brief For Plaintiff-Appellant, On Appeal from the United States District Court for the Northern District of California in Nos. 5:18-cv-04523-LHK (Twitter, Inc.), 5:18-cv-06054-LHK (Cellco Partnership d/b/a Verizon Wireless), Case No. 18-cv-06054 (Verizon), 5:18-cv-06177-LHK (AT&T) and 5:18-cv-06217-LHK (Apple), U.S. Court of Appeals for the Federal Circuit ("CAFC"), July 9, 2019, 241 pages (including Addendum).	
	14	Joint Responsive Brief For Defendants-Appellees, CAFC, On Appeal from the United States District Court for the Northern District of California, Case Nos. 5:18-cv-04523-LHK, 5:18-cv-06054-LHK, 5:18-cv-06177-LHK, and 5:18-cv-06217-LHK, Document 46, August 5, 2019, 78 pages.	
	15	Reply Brief for Plaintiff-Appellant, U.S. Court of Appeals for the Federal Circuit, On Appeal from the United States District Court for the Northern District of California in Nos. Case Nos. 5:18-cv-04523-LHK, 5:18-cv-06054-LHK, 5:18-cv-06177-LHK and 5:18-cv-06217-LHK, September 9, 2019, 40 pages.	
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	17	Appellant's Combined Petition for Panel Rehearing and Rehearing *En Banc*, United States Court of Appeals for the Federal Circuit, Appeal from the United States District Court for the Northern District of California in Case Nos. 5:18-cv-04523-LHK, 5:18-cv-06054-LHK, 5:18-cv-06177-LHK and 5:18-cv-06217-LHK, Document 89, April 15, 2020, 34 pages.	
	18	Order Denying Petition, On Petition For Panel Rehearing And Rehearing *En Banc*, Document 99, U.S. Court of Appeals for the Federal Circuit, Peter R. Marksteiner, Clerk of Court, May 18, 2020 (3 pages)	
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	22	First Amended Complaint, VoIP-Pal.com, Inc. v. Apple, Inc., Case No. 5:18-cv-06216-LHK, United States District Court Northern District of California, re: U.S. Patent Nos. 9,826,002, 9,948,549, 9,813,330, and 9,537,762, March 8, 2019, 44 pages	
	23	VoIP-Pal's Opposition to Apple's and Amazon's Consolidated Motion to Dismiss Plaintiff's Complaint: Memorandum of Points and Authorities in Support, Case No. 5:18-cv-06216-LHK, United States District Court Northern District of California, Document 68, March 15, 2019, 33 pages.	
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	25	Reply of Defendants in Support of Their Consolidated Motion to Dismiss Plaintiff's Complaints, Case Nos. 5:18-cv-06216-LHK, 5:18-cv-07020-LHK, United States District Court Northern District of California, Document 53, April 5, 2019, 21 pages.	
	26	Patent L.R. 4-2 Identification Of Preliminary Proposed Constructions And Extrinsic Evidence Of Apple Inc., Amazon.com, Inc., and Amazon Technologies, Inc., Case Nos. 5:18-cv-06216-LHK, 5:18-cv-07020-LHK, United States District Court Northern District of California, April 22, 2019, 42 pages.	
	27	Consolidated Notice Of Motion And Motion of Apple and Amazon To Dismiss Plaintiff's Amended Complaint; Memorandum Of Points And Authorities In Support, Case Nos. 18-cv-06216-LHK, 18-cv-07020-LHK, U.S. District Court Northern District of California, Document 67, June 5, 2019, 31 pages.	
	28	(Corrected) VoIP-Pal's Opposition to Apple's and Amazon's Consolidated Motion to Dismiss Plaintiff's Complaint: Memorandum of Points And Authorities In Support, Case Nos. 18-cv-06216-LHK, 18-cv-07020-LHK, U.S. District Court Northern District of California, June 19, 2019, 33 pages.	
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	37	Original Complaint for Patent Infringement, VoIP-Pal.com, Inc. v. Facebook, Inc. and WhatsApp, Inc., Case No. 6:20-cv-00267, U.S. District Court for the Western District of Texas, April 2, 2020, 29 pages	
	38	Exhibit 2, in support of Original Complaint for Patent Infringement, Case No. 6:20-cv-00267, U.S. District Court for the Western District of Texas, April 2, 2020, 11 pages.	
	39	Original Complaint for Patent Infringement, VoIP-Pal.com, Inc. v. Google, LLC, Case No. 6:20-cv-00269, U.S. District Court for the Western District of Texas, April 3, 2020, 28 pages	
	40	Exhibit 2, in support of Original Complaint for Patent Infringement, Case No. 6:20-cv-00269, U.S. District Court for the Western District of Texas, April 3, 2020, 19 pages.	
	41	Original Complaint for Patent Infringement, VoIP-Pal.com, Inc. v. Amazon.com, Inc. et al., Case No. 6:20-cv-00272, U.S. District Court for the Western District of Texas, April 6, 2020, 28 pages	
	42	Exhibit 2, in support of Original Complaint for Patent Infringement, Case No. 6:20-cv-00272, U.S. District Court for the Western District of Texas, April 6, 2020, 10 pages.	
	43	Original Complaint for Patent Infringement, VoIP-Pal.com, Inc. v. Apple, Inc., Case No. 6:20-cv-00275, U.S. District Court for the Western District of Texas, April 7, 2020, 28 pages	
	44	Exhibit 2, in support of Original Complaint for Patent Infringement, Case No. 6:20-cv-00275, U.S. District Court for the Western District of Texas, April 7, 2020, 15 pages.	
	45	Original Complaint for Patent Infringement, VoIP-Pal.com, Inc. v. AT&T, Inc. et al., Case No. 6:20-cv-00325, U.S. District Court for the Western District of Texas, April 24, 2020, 29 pages	
	46	Exhibit 2, in support of Original Complaint for Patent Infringement, Case No. 6:20-cv-00325, U.S. District Court for the Western District of Texas, April 24, 2020, 9 pages.	
	47	Original Complaint for Patent Infringement, VoIP-Pal.com, Inc. v. Verizon Communications, Inc. et al., Case No. 6:20-cv-00327, U.S. District Court for the Western District of Texas, April 24, 2020, 29 pages	
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	49	Order, Granting-in-Part Petitioner's Motion for Sanctions, Apple Inc. v. VoIP-Pal.com, Inc., Case Nos. IPR2016-01198 and IPR2016-012011 re: U.S. Patents 9,179,005 B2 and 8,542,815 B2. Before the USPTO Patent Trial and Appeal Board ("PTAB"), Per Administrative Patent Judges Scott R. Boalick, Jacqueline Wright Bonilla, and Michael P. Tierney, Paper No. 70, December 21, 2018, 18 pages.	
	50	Petitioner's Request for Rehearing, Apple Inc. v. VoIP-Pal.com, Inc., Case No. IPR2016-01198 (PTAB), re: U.S. Patent 9,179,005, Paper 71, January 8, 2019, 21 pages.	
	51	Petitioner's Request for Rehearing, Apple Inc. v. VoIP-Pal.com, Inc., Case No. IPR2016-01201 (PTAB), re: U.S. Patent 8,542,815, Paper 71, January 8, 2019, 21 pages.	
	52	Patent Owner's Opposition to Apple's Request for Rehearing Pursuant to Board Order of December 21, 2018 (Corrected), PTAB Case No. IPR2016-01198, U.S. Patent 9,179,005, Paper 73, January 22, 2019, 26 pages	
	53	Patent Owner's Opposition to Apple's Request for Rehearing Pursuant to Board Order of December 21, 2018 (Corrected), PTAB Case No. IPR2016-01201, U.S. Patent 8,542,815, Paper 73, January 22, 2019, 26 pages	
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	55	Petitioner Reply In support of Its Request for Rehearing, PTAB Case No. IPR2016-01201, U.S. Patent 8,542,815, Paper 74, January 29, 2019, 13 pages.	
	56	Decision Denying Petitioner's Request for Rehearing, Apple Inc. v. VoIP-Pal.com, Inc., Case Nos. IPR2016-01198 and IPR2016-012011 re: U.S. Patents 9,179,005 B2 and 8,542,815 B2. Before the USPTO Patent Trial and Appeal Board ("PTAB"), Per Administrative Patent Judges Scott R. Boalick, Jacqueline Wright Bonilla, and Michael P. Tierney, Paper No. 75, May 24, 2019, 12 pages.	
	57	Principal Brief for Apple Inc. as Appellant, Docket Nos. 18-1456, 18-1457, U.S. Court of Appeals for the Federal Circuit ("CAFC"), On Appeal from the USPTO, Patent Trial and Appeal Board, in Case Nos. IPR2016-01198, IPR2016-01201, Document 28, September 23, 2019, 69 pages.	
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	60	Petition for *Inter Partes* Review of U.S. Patent No. 9,537,762, Apple, Inc. v. VoIP-Pal.com, Inc., IPR2019-01003, May 13, 2019, 71 pages.	
	61	Declaration of Dr. Tal Lavian, in support of Apple's Petition in IPR2019-01003 re: U.S. Patent No. 9,537,762, Apple, Inc. v. VoIP-Pal.com, Inc., EX1005 (Exhibit 1005), May 13, 2019, 215 pages.	
	62	Petition for *Inter Partes* Review of U.S. Patent No. 9,813,330, Apple, Inc. v. VoIP-Pal.com, Inc., IPR2019-01006, May 13, 2019, 69 pages.	
	63	Declaration of Dr. Tal Lavian, in support of Apple's Petition in IPR2019-01006 re: U.S. Patent No. 9,813,330, Apple, Inc. v. VoIP-Pal.com, Inc., EX1005 (Exhibit 1005), May 13, 2019, 215 pages.	
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	65	Declaration of Dr. Tal Lavian, in support of Apple's Petition in IPR2019-01008 re: U.S. Patent No. 9,826,002, Apple, Inc. v. VoIP-Pal.com, Inc., EX1005 (Exhibit 1005), May 13, 2019, 215 pages.	
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Electronic Acknowledgement Receipt

EFS ID:	40531745
Application Number:	14035806
International Application Number:	
Confirmation Number:	5562
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Customer Number:	20551
Filer:	Sean Franklin Parmenter/Jenny Morison
Filer Authorized By:	Sean Franklin Parmenter
Attorney Docket Number:	4278-004.PCT.US.CON1
Receipt Date:	11-SEP-2020
Filing Date:	24-SEP-2013
Time Stamp:	15:49:43
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

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Information:					
			Total Files Size (in bytes):	190685549	

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

ART UNIT: 2411 EXAMINER: M. Mostazir Rahman FIRST NAMED INVENTOR: Johan Emil Viktor Björsell SERIAL NO.: 14/035,806 FILED: 9/24/2013 CONF. NO.: 5562 FOR: MOBILE GATEWAY DOCKET NO.: 4278-004.PCT.US.CON1	**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8** DATE OF DEPOSIT: September 11, 2020 I hereby certify that this paper or fee (along with any paper or fee referred to as being attached or enclosed) is being submitted on the date indicated above via: ☒ EFS Web ☐ facsimile to _____ ☐ the United States Postal Service with sufficient postage as first class mail addressed to: Mail Stop _____, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. /Sean F. Parmenter/ Sean F. Parmenter

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.56, 1.97 and 1.98

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

Dear Sir/Madam:

Pursuant to the duty of disclosure under 37 C.F.R. §§ 1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement, which is being submitted in accordance with:

☒ 37 C.F.R. § 1.97(b)(1) or (3) or (4), within three months of the filing date of the application, or before a first office action on the merits, or before the mailing of a first Office action after the filing of a request for continued examination under 37 C.F.R. § 1.114, whichever occurs last;

☐ 37 C.F.R. § 1.97(c), after a first office action on the merits, but before a Final Office Action or a Notice of Allowance, whichever occurs first, and is accompanied by **EITHER** a statement in accordance with 37 C.F.R. § 1.97(e), **OR** the fee set forth in 37 C.F.R. § 1.17(p); or

☐ 37 C.F.R. § 1.97(d), after a Final Office Action, Notice of Allowance or Ex parte Quayle

action, whichever occurs first, but on or before payment of the issue fee, and is accompanied by **BOTH** a statement in accordance with 37 C.F.R. § 1.97(e), **AND** the fee set forth in 37 C.F.R. § 1.17(p).

SUBMISSIONS

Please find enclosed, pursuant to 37 C.F.R. §§ 1.97 and 1.98:

☒ Form **PTO/SB/08A** and/or **PTO/SB/08B** listing the references submitted for consideration, which contains a list of all patents, publications and all other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c).

☒ Legible copies of the listed non-patent documents, unpublished U.S. applications and foreign documents or their relevant portions are included.

☐ All English translations of each non-English reference, if any, within the possession, custody, control or availability of anyone designated in 37 C.F.R. § 1.56(c) (see 37 C.F.R. §1.98 are included.

☐ For all listed references that are not either in the English language, or accompanied by a translation into English, a concise explanation of relevance as required under 37 C.F.R. § 1.98(a)(3) is enclosed attached to each.

Copies of references listed on the enclosed PTO/SB/08A and/or PTO/SB/08B are **not** enclosed:

☐ because, under 37 C.F.R. § 1.98.(d), they were previously cited by or submitted to the Office in application number _____, which is relied upon for an earlier filing date under 37 C.F.R. § 1.20.

☐ because they are substantially cumulative of an enclosed reference.

META 1002
META V. VOIP-PAL

STATEMENT IN ACCORDANCE WITH 37 C.F.R. § 1.97(e)

☐ I hereby certify that each item contained in the information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

☐ I hereby certify that no item contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the information disclosure statement.

REMARKS

While no representation is made that any of these references may be "prior art" within the meaning of that term in accordance with 37 C.F.R. §§ 102 or 103, the enclosed list of references is disclosed so as to comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record believes that the references listed, together with any other references which may have been previously submitted or listed, are the closest to the claimed invention (taken in its entirety) of which the undersigned is presently aware, and no art which is closer to the claimed invention (taken in its entirety) has been knowingly withheld.

☐ Payment in the amount of $ ____ constituting the submission fee set forth in 37 C.F.R. § 1.17(p) is enclosed.

In the event that 37 C.F.R. § 1.97(c) applies and the Examiner is not satisfied that the Statement meets the requirements of 37 C.F.R. § 1.97(e), or in any other event remediable by a fee, please credit any

over payment or charge any additional fees to Deposit Account No. 20-0100 of the undersigned.

Dated this 11th day of September, 2020.

Respectfully submitted,

/Sean F. Parmenter/

Sean F. Parmenter
Attorney for Applicant
Registration No. 53437

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Sandy, Utah 84091-1219
Telephone: (801) 566-6633

Electronic Acknowledgement Receipt

EFS ID:	40531373
Application Number:	14035806
International Application Number:	
Confirmation Number:	5562
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Customer Number:	20551
Filer:	Sean Franklin Parmenter/Jenny Morison
Filer Authorized By:	Sean Franklin Parmenter
Attorney Docket Number:	4278-004.PCT.US.CON1
Receipt Date:	11-SEP-2020
Filing Date:	24-SEP-2013
Time Stamp:	15:52:03
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	Non Patent Literature	CAFC-19-1808.pdf	100903 c3d05e5b09cf19d6a8311137ecdc66a7fdade509	no	4
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14	Non Patent Literature	VoIP-PalAppellateBriefCorrected.pdf	8737646 01a58958635c7aa4e175cf82a274d380faa5a84f	no	241
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43	Non Patent Literature	Exhibit20001-002Apple.pdf	588261 4b00aa43461aaaa3c3190979af8aaee3ebbc95a8	no	15
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		Total Files Size (in bytes):	87568362		

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New Applications Under 35 U.S.C. 111

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National Stage of an International Application under 35 U.S.C. 371

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New International Application Filed with the USPTO as a Receiving Office

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Electronic Acknowledgement Receipt

EFS ID:	40528234
Application Number:	14035806
International Application Number:	
Confirmation Number:	5562
Title of Invention:	MOBILE GATEWAY
First Named Inventor/Applicant Name:	Johan Emil Viktor Björsell
Customer Number:	20551
Filer:	Sean Franklin Parmenter/Jenny Morison
Filer Authorized By:	Sean Franklin Parmenter
Attorney Docket Number:	4278-004.PCT.US.CON1
Receipt Date:	11-SEP-2020
Filing Date:	24-SEP-2013
Time Stamp:	15:50:51
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.)
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Warnings:					
Information:					

37	Non Patent Literature	InteractionSIPProxy-SIPdatasheet-InteractiveIntelligence-1.pdf	1643805 13586f5be6a9e8b4ff9b68e8d17eb44ecfaa3298	no	2
Warnings:					
Information:					
38	Non Patent Literature	Microsoft-BasedIPPBXCommunicationsSolutionEIC-Features-IPPBX-Vonexus-IIS.pdf	369247 0194d21aaae2b767c4ae8d1dc4c01e152209d520	no	4
Warnings:					
Information:					
		Total Files Size (in bytes):	644940509		

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.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

20551 7590 09/18/2020
THORPE NORTH & WESTERN, LLP.
P.O. Box 1219
SANDY, UT 84091-1219

EXAMINER	
RAHMAN, M MOSTAZIR	
ART UNIT	PAPER NUMBER
2411	

DATE MAILED: 09/18/2020

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/035,806	09/24/2013	Johan Emil Viktor Björsell	4278-004.PCT.US.CON1	5562

TITLE OF INVENTION: MOBILE GATEWAY

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	$500	$0.00	$0.00	$500	12/18/2020

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)".

For purposes of this notice, small entity fees are 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Maintenance fees are due in utility patents issuing on applications filed on or after Dec. 12, 1980. It is patentee's responsibility to ensure timely payment of maintenance fees when due. More information is available at www.uspto.gov/PatentMaintenanceFees.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), by mail or fax, or via EFS-Web.

By mail, send to: Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

By fax, send to: (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

20551 7590 09/18/2020
THORPE NORTH & WESTERN, LLP.
P.O. Box 1219
SANDY, UT 84091-1219

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

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 transmitted to the USPTO via EFS-Web or by facsimile to (571) 273-2885, on the date below.

(Typed or printed name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/035,806	09/24/2013	Johan Emil Viktor Björsell	4278-004.PCT.US.CON1	5562

TITLE OF INVENTION: MOBILE GATEWAY

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	$500	$0.00	$0.00	$500	12/18/2020

EXAMINER	ART UNIT	CLASS-SUBCLASS
RAHMAN, M MOSTAZIR	2411	370-328000

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 03-09 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,
(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 _____
2 _____
3 _____

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 must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). 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. Fees submitted: ❑Issue Fee ❑Publication Fee (if required) ❑Advance Order - # of Copies _____

4b. Method of Payment: *(Please first reapply any previously paid fee shown above)*

❑ Electronic Payment via EFS-Web ❑ Enclosed check ❑ Non-electronic payment by credit card (Attach form PTO-2038)

❑ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. _____

5. **Change in Entity Status** (from status indicated above)

❑ Applicant certifying micro entity status. See 37 CFR 1.29

❑ Applicant asserting small entity status. See 37 CFR 1.27

❑ Applicant changing to regular undiscounted fee status.

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.
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.
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. _____

UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/035,806	09/24/2013	Johan Emil Viktor Björsell	4278-004.PCT.US.CON1	5562

20551 7590 09/18/2020

THORPE NORTH & WESTERN, LLP.
P.O. Box 1219
SANDY, UT 84091-1219

EXAMINER	
RAHMAN, M MOSTAZIR	
ART UNIT	PAPER NUMBER
2411	

DATE MAILED: 09/18/2020

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

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 30 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.

Notice of Allowability	Application No. 14/035,806	Applicant(s) Björsell et al.	
	Examiner M MOSTAZIR RAHMAN	Art Unit 2411	AIA (FITF) 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 08/12/2020.
   ☐ 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 1-141 . 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 _____.

/M Mostazir Rahman/ Examiner, Art Unit 2411	/ANDREW LAI/ Supervisory Patent Examiner, Art Unit 2411

DETAILED ACTION

Notice of Pre-AIA or AIA Status

The present application, filed on or after March 16, 2013, is being examined under the first inventor to file provisions of the AIA.

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 ***08/12/2020*** has been entered.

Information Disclosure Statement

The information disclosure statements (IDS) submitted on ***08/12/2020, 09/04/2020, 09/08/2020*** have been placed in record and considered by the examiner.

Allowable Subject Matter

Claims 1-141 are allowed.

Following the previous Office action of ***05/13/2020***, an Allowability Notice, the Applicant filed IDS containing some references. The examiner reviewed/considered the

references in the IDS and concluded that said references failed to teach all of the features/limitations deemed to have placed the case in condition for allowance in said previous Office action. Therefore, instant application remains allowed over the prior art of record, including the references the applicant submitted in said IDS, for the same reason stated in the previous Office action.

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."

CONCLUSION

Any inquiry concerning this communication or earlier communications from the examiner should be directed to M MOSTAZIR RAHMAN whose telephone number is (571)272-4785. The examiner can normally be reached on 8:30am-5:00pm PST. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, ANDREW LAI can be reached on 571-272-9741. 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.

/M Mostazir Rahman/
Examiner, Art Unit 2411

/ANDREW LAI/
Supervisory Patent Examiner, Art Unit 2411

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14/035,806	Björsell et al.
	Examiner	Art Unit
	M MOSTAZIR RAHMAN	2411

CPC - Searched*		
Symbol	Date	Examiner
H04W76/021 OR H04W76/025 OR H04W8/02	11/29/2015	MR

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

/M Mostazir Rahman/ Examiner, Art Unit 2411	

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14/035,806	Björsell et al.
	Examiner	Art Unit
	M MOSTAZIR RAHMAN	2411

Search Notes		
Search Notes	**Date**	**Examiner**
EAST Search: 1)keyword search in USPAT, US-PGPUB, DERWENT , EPO, JPO, IBM_TDB;	11/29/2015	MR
class/subclasses with keyword, inventors, assignee	11/29/2015	MR
Inventor and assignee search in EAST, eDAN and PALM.	11/29/2015	MR
NPL Search: IP.COM	11/29/2015	MR
Updated search	10/16/2016	MR
Consulted with SPE, Andrew Lai	10/18/2016	MR
Updated search	11/15/2016	MR
Updated search	08/21/2017	MR
Updated search	06/27/2018	MR
Updated search	08/07/2018	MR
Updated search	06/10/2019	MR
Consulted with SPE, Andrew Lai	06/11/2019	MR
Updated search	08/13/2019	MR
Consulted with SPE, Andrew Lai	04/28/2020	MR
Updated search	05/05/2020	MR
Updated search	09/03/2020	MR
Updated search	09/07/2020	MR

Interference Search			
US Class/CPC Symbol	**US Subclass/CPC Group**	**Date**	**Examiner**
Please see search report		05/05/2020	MR
Please see search report		09/03/2020	MR

/M Mostazir Rahman/ Examiner, Art Unit 2411	

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14/035,806	Björsell et al.
	Examiner	Art Unit
	M MOSTAZIR RAHMAN	2411

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

CLAIMS

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIM		DATE								
Final	Original	11/25/2015	10/16/2016	08/21/2017	08/03/2018	08/13/2019	05/05/2020	09/03/2020		
1	1	✓	✓	✓	✓	✓	✓	✓		
2	2	✓	✓	✓	✓	✓	✓	✓		
3	3	✓	✓	✓	✓	✓	✓	✓		
4	4	✓	✓	✓	✓	✓	✓	✓		
5	5	✓	✓	✓	✓	✓	✓	✓		
6	6	✓	✓	✓	✓	✓	✓	✓		
7	7	✓	✓	✓	✓	✓	✓	✓		
8	8	✓	✓	✓	✓	✓	✓	✓		
9	9	✓	✓	✓	✓	✓	✓	✓		
10	10	✓	✓	✓	✓	✓	✓	✓		
11	11	✓	✓	✓	✓	✓	✓	✓		
12	12	✓	✓	✓	✓	✓	✓	✓		
13	13	✓	✓	✓	✓	✓	✓	✓		
14	14	✓	✓	✓	✓	✓	✓	✓		
15	15	✓	✓	✓	✓	✓	✓	✓		
16	16	✓	✓	✓	✓	✓	✓	✓		
17	17	✓	✓	✓	✓	✓	✓	✓		
18	18	✓	✓	✓	✓	✓	✓	✓		
19	19	✓	✓	✓	✓	✓	✓	✓		
20	20	✓	✓	✓	✓	✓	✓	✓		
21	21	✓	✓	✓	✓	✓	✓	✓		
22	22	✓	✓	✓	✓	✓	✓	✓		
23	23	✓	✓	✓	✓	✓	✓	✓		
24	24	✓	✓	✓	✓	✓	✓	✓		
25	25	✓	✓	✓	✓	✓	✓	✓		
26	26	✓	✓	✓	✓	✓	✓	✓		
27	27	✓	✓	✓	✓	✓	✓	✓		
28	28	✓	✓	✓	✓	✓	✓	✓		
29	29	✓	✓	✓	✓	✓	✓	✓		
30	30	✓	✓	✓	✓	✓	✓	✓		
31	31	✓	✓	✓	✓	✓	✓	✓		
32	32	✓	✓	✓	✓	✓	✓	✓		
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41	41	✓	✓	✓	✓	✓	✓	✓		
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Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14/035,806	Björsell et al.
	Examiner	Art Unit
	M MOSTAZIR RAHMAN	2411

CLAIM		DATE								
Final	Original	11/25/2015	10/16/2016	08/21/2017	08/03/2018	08/13/2019	05/05/2020	09/03/2020		
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	Examiner	Art Unit
	M MOSTAZIR RAHMAN	2411

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Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14/035,806	Björsell et al.
	Examiner	Art Unit
	M MOSTAZIR RAHMAN	2411

CPC							
Symbol						Type	Version
H04W	/	8	/	02		F	2013-01-01
H04W	/	76	/	11		I	2018-02-01
H04W	/	76	/	15		A	2018-02-01

CPC Combination Sets								
Symbol						Type	Set	Ranking	Version
	/		/						

/M Mostazir Rahman/ Examiner, Art Unit 2411	03 September 2020	**Total Claims Allowed:**	
(Assistant Examiner)	(Date)	141	
/ANDREW LAI/ Supervisory Patent Examiner, Art Unit 2411	07 September 2020	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	1

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Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
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	Examiner	**Art Unit**
	M MOSTAZIR RAHMAN	2411

INTERNATIONAL CLASSIFICATION				
CLAIMED				
H04W	/	8	/	02

NON-CLAIMED				
H04W	/	76	/	11

US ORIGINAL CLASSIFICATION	
CLASS	**SUBCLASS**

CROSS REFERENCES(S)						
CLASS	**SUBCLASS (ONE SUBCLASS PER BLOCK)**					

/M Mostazir Rahman/ Examiner, Art Unit 2411	03 September 2020	**Total Claims Allowed:**	
(Assistant Examiner)	(Date)	141	
/ANDREW LAI/ Supervisory Patent Examiner, Art Unit 2411	07 September 2020	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	1

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	Examiner	**Art Unit**
	M MOSTAZIR RAHMAN	2411

☑ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIMS

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/M Mostazir Rahman/ Examiner, Art Unit 2411 (Assistant Examiner)	03 September 2020 (Date)	**Total Claims Allowed:** 141	
/ANDREW LAI/ Supervisory Patent Examiner, Art Unit 2411 (Primary Examiner)	07 September 2020 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 1

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Sheet | | of |

Complete if Known	
Application Number	14/035,806
Filing Date	9/24/2013
First Named Inventor	Johan Emil Viktor Björsell
Art Unit	2411
Examiner Name	M. Mostazir Rahman
Attorney Docket Number	4278-004.PCT.US.CON1

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
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Attorney Docket Number	4278-004.PCT.US.CON1

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	55	QUINTUM TECHNOLOGIES, INC., Tenor Call Routing, 27 pages, Quintum Technologies, Inc., United States.	

Examiner Signature	/M Mostazir Rahman/	Date Considered	09/03/2020

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[1]Applicant's unique citation designation number (optional). [2]Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. 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. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours 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, 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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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	14/035,806
	Filing Date	9/24/2013
	First Named Inventor	Johan Emil Viktor Björsell
	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	M. Mostazir Rahman
SHEET 1 OF 2	Attorney Docket No.	4278-004.PCT.US.CON1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[1]
	1	J. Postel, RFC 768, "User Datagram Protocol", ISI, August 1980, 3 pages, https://tools.ietf.org/pdf/rfc768.pdf	
	2	J. Postel et al., RFC 793, "Transmission Control Protocol: DARPA Internet Program Protocol Specification," September 1981, 89 pages, https://tools.ietf.org/pdf/rfc768.pdf	
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Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[1]
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Bibliographic Data

Application No: 14/035,806

Foreign Priority claimed: ○ Yes ◉ No

35 USC 119 (a-d) conditions met: ☐ Yes ☑ No ☐ Met After Allowance

Verified and Acknowledged: /M Mostazir Rahman/ Examiner's Signature | Initials

Title: MOBILE GATEWAY

FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
09/24/2013	370	2411	4278-004.PCT.US.CON1
RULE			

APPLICANTS

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Maksym Sobolyev, New Westminster, CANADA

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CONTINUING DATA

This application is a CON of 13056277 01/27/2011 PAT 8630234

13056277 is a 371 of PCT/CA2009/001062 07/28/2009

PCT/CA2009/001062 has PRO of 61129898 07/28/2008

FOREIGN APPLICATIONS

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U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number *Number - Kind Code (if known)* Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	4,661,974	04-28-1987	Bales et al.	
	2	4,799,255	01-17-1989	Billinger et al.	
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	Art Unit	2411
(Multiple sheets used when necessary)	Examiner	M. Mostazir Rahman
SHEET 2 OF 4	Attorney Docket No.	4278-004.PCT.US.CON1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number *Number - Kind Code (if known)* Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
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Examiner Signature	/M Mostazir Rahman/	Date Considered	09/07/2020

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U.S. PATENT DOCUMENTS

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	70	CA 2668025 C	02-25-2020	VOIP-PAL.COM, INC.		
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NON PATENT LITERATURE DOCUMENTS

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EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	11	((("VOIP-PAL.COM") near3 ("INC"))).AS,AANM.	USPAT	OR	ON	2020/09/03 17:11
L2	16	((("Sobolyev") near3 ("Maksym"))).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2020/09/03 17:11
L3	10	((("Huttunen") near3 ("Pentti") near3 ("Kalevi"))).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2020/09/03 17:11
L4	4	((("Malak") near3 ("Emil"))).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2020/09/03 17:11
L5	29	(digifonica).as,AANM.	US-PGPUB; USPAT	OR	ON	2020/09/03 17:11
L6	20	((("VOIP-PAL.COM"))).AS,AANM.	US-PGPUB; USPAT	OR	ON	2020/09/03 17:11
L7	0	(L6 L5 L4 L3 L2 L1) AND (source$4 and destinat$4 and (access$4 NEAR4 (code$4 id idenfication$4 key flag$4)) AND (location$4 gps) AND (reply$4 feedback$4)).clm.	US-PGPUB; USPAT	OR	ON	2020/09/03 17:11
L8	1	14/035806.APP.	US-PGPUB; USPAT	OR	ON	2020/09/03 17:11
L9	268,652	(370/310-338,395.$.ccls. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2020/09/03 17:11
L10	1	L9 and ((access adj code) same (channel adj (identifier ID identification) same request))	US-PGPUB; USPAT	OR	ON	2020/09/03 17:11
L11	582,988	("370".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/09/03 17:12
L12	11	((("VOIP-PAL.COM") near3 ("INC"))).AS,AANM.	USPAT	OR	ON	2020/09/03 17:12
L13	16	((("Sobolyev") near3 ("Maksym"))).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2020/09/03 17:12

L14	10	((("Huttunen") near3 ("Pentti") near3 ("Kalevi"))).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2020/09/03 17:12
L15	4	((("Malak") near3 ("Emil"))).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2020/09/03 17:12
L16	29	(digifonica).as,AANM.	US-PGPUB; USPAT	OR	ON	2020/09/03 17:12
L17	20	((("VOIP-PAL.COM"))).AS,AANM.	US-PGPUB; USPAT	OR	ON	2020/09/03 17:12
L18	3	(L17 L16 L15 L14 L13 L12) AND ((destinat$4 UE terminal$4 phone mobile$4 WTRU STA STA TE TA) and (access$4 AND (code$4 id idenfication$4 key flag$4)) AND (location$4 gps) AND (reply$4 feedback$4)).clm.	US-PGPUB; USPAT	OR	ON	2020/09/03 17:12
L19	48	(reply$3 feedback$4 feed$1back$3 acknowledg$4 ACK respons$4) NEAR3 (messag$4 packet$4 frame$1 PDU data adj2 gram$1 data adj2 unit$4) SAME access$3 NEAR3 code$3 SAME (location$3 GPS position$4 coordinat$4 latitud$4) NEAR5 (identifier$3 ID information$4 data$1) SAME (request$4 demand$4 ask$4 query$4 solicit$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2020/09/03 17:13
L20	34	((server$4 gatewar$4 rout$4) NEAR6 (reply$4 feed$1back$4 feedbck$1 acknowledg$5 ACK) NEAR5 (channel$4 frequency$4 path$4 rout$4 access$1 near2 code$4) SAME (location$4 gps$4) NEAR5 (WD wireless adj2 device$4 WTRU terminal TA TE user adj2 equipment UE STA STB)) AND (@AD <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2020/09/03 17:13
L21	104	((server$4 gatewar$4 rout$4) NEAR6 (reply$4 feed$1back$4 feedbck$1 acknowledg$5 ACK) SAME (channel$4 frequency$4 path$4 rout$4 access$1 near2 code$4) SAME (location$4 gps$4) SAME (WD wireless adj2 device$4 WTRU terminal TA TE user adj2 equipment UE STA STB)) AND (@AD <"20080728") NOT L20	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2020/09/03 17:13
S1	2	"13056277"	US-PGPUB; USPAT;	OR	ON	2013/02/25 16:48

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S2	34	("20060093135" | "20040022237" | "7055174" | "20060153342" | "20060258328" | "6724860" | "20070112964" | "7046658" | "20030200311" | "8116307" | "6151385" | "6597686" | "6744858" | "20060072550" | "20050025043" | "6963557" | "20040240439").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/02/25 18:09
S3	2	"13056277"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/13 16:03
S4	34	("20060093135" | "20040022237" | "7055174" | "20060153342" | "20060258328" | "6724860" | "20070112964" | "7046658" | "20030200311" | "8116307" | "6151385" | "6597686" | "6744858" | "20060072550" | "20050025043" | "6963557" | "20040240439").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/13 16:03
S5	34	("20060093135" | "20040022237" | "7055174" | "20060153342" | "20060258328" | "6724860" | "20070112964" | "7046658" | "20030200311" | "8116307" | "6151385" | "6597686" | "6744858" | "20060072550" | "20050025043" | "6963557" | "20040240439").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/13 16:03
S6	4	((JOHAN) near2 (BJORSELL)).INV.	US-PGPUB; USPAT	OR	ON	2013/03/13 16:16
S7	3	((MAKSYM) near2 (SOBOLYEV)).INV.	US-PGPUB; USPAT	OR	ON	2013/03/13 16:16
S8	2	((PENTTI) near2 (HUTTUNEN)).INV.	US-PGPUB; USPAT	OR	ON	2013/03/13 16:17
S10	5	(digifonica).as.	US-PGPUB; USPAT	OR	ON	2013/03/13 16:21
S11	5	S6 or S7 or S8 or S10	US-PGPUB; USPAT	OR	ON	2013/03/13 16:21
S12	288,340	(370/310-338,395.$.ccls. "379".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2013/03/13 16:29

S13	1,195	((caller 'calling party')same (callee 'called party') same access same code same request same call$4)	US-PGPUB; USPAT	OR	ON	2013/03/13 16:33
S14	701	S12 and ((caller 'calling party')same (callee 'called party') same access same code same request same call$4)	US-PGPUB; USPAT	OR	ON	2013/03/13 16:33
S15	40	S12 and ((caller 'calling party')same (callee 'called party') same access same code same request same call$4 same server same rout$5)	US-PGPUB; USPAT	OR	ON	2013/03/13 16:34
S16	23	S12 and ((caller 'calling party')same (callee 'called party') same access same code same request same call$4 same server same rout$5 same (channel or (ID identifier identificat$5)))	US-PGPUB; USPAT	OR	ON	2013/03/13 16:36
S18	2	us-20070112964-$.did. us-20040022237-$.did.	US-PGPUB; USPAT	OR	ON	2013/03/13 16:49
S19	4	us-20070112964-$.did. us-20040022237-$.did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/13 16:49
S20	245,256	(370/310-338,395.$.ccls. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2013/03/13 16:52
S21	1	S20 and ((access adj code) same (channel adj (identifier ID identification) same request))	US-PGPUB; USPAT	OR	ON	2013/03/13 16:53
S22	366,030	("370".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2013/03/13 16:54
S24	354	S22 and ((access adj code) same (channel ID identification) same request)	US-PGPUB; USPAT	OR	ON	2013/03/13 16:55
S25	8	S22 and ((access adj code) same (channel with (ID identification)) same request)	US-PGPUB; USPAT	OR	ON	2013/03/13 16:56
S26	10	S22 and ((access adj2 code) same caller same callee)	US-PGPUB; USPAT	OR	ON	2013/03/13 16:59
S27	58	S22 and ((phone caller callee 'calling party') same server same router same (initiat$4 or setup or sett$4)same channel)	US-PGPUB; USPAT	OR	ON	2013/03/13 17:05

S28	10	S22 and ((phone caller callee "calling party" "called party" "called terminal" "calling party") same server same rout$5 same (call near5 (initiat$4 or setup)) same channel same request same (ID identif$7))	US-PGPUB; USPAT	OR	ON	2013/03/13 17:19
S29	257	S22 and (caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5)	US-PGPUB; USPAT	OR	ON	2013/03/13 17:27
S30	72	S22 and (caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5) same access$5	US-PGPUB; USPAT	OR	ON	2013/03/13 17:28
S31	11	(US-20070281705-$ or US-20130028251-$ or US-20090252159-$ or US-20080049732-$ or US-20070121590-$ or US-20040042607-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$).did. or (US-7068684-$ or US-6963635-$).did.	US-PGPUB; USPAT	OR	ON	2013/03/13 19:13
S32	9	S31 and ((caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5))	US-PGPUB; USPAT	OR	ON	2013/03/13 19:13
S33	3	S31 and ((caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5) and processor and interface and identification)	US-PGPUB; USPAT	OR	ON	2013/03/13 19:16
S34	7	S31 and ((caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5) and channel and (initiat$5 setup) and (identi$7 ID))	US-PGPUB; USPAT	OR	ON	2013/03/13 19:18
S35	7	S31 and ((caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5) and channel and (initiat$5 setup) and (identi$7 ID) and voice and (location local$3 geograph$5 area) and number)	US-PGPUB; USPAT	OR	ON	2013/03/13 19:21

S36	2	S31 and ((caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5) and channel and (initiat$5 setup) and (identi$7 ID) and voice and (location local$3 geograph$5 area) and number and expir$5)	US-PGPUB; USPAT	OR	ON	2013/03/13 19:22
S37	2	S31 and ((caller callee "calling party" "called party" "called terminal" "calling party") same (call$3 near server) same (router gateway rout$3 adj control$5) and channel and (initiat$5 setup) and (identi$7 ID) and voice and (location local$3 geograph$5 area) and number and expir$5 and (access adj code))	US-PGPUB; USPAT	OR	ON	2013/03/13 19:54
S39	3	"7079526".pn. us-20030114145-$.did. "6016319".pn.	US-PGPUB; USPAT	OR	ON	2013/03/14 11:27
S40	409,041	("370".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:17
S43	21,100	S40 and (initiat$4 adj3 call)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:21
S44	128	S40 and ((initiat$4 adj2 call) same (access adj2 code))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:22
S45	101	S40 and ((initiat$4 adj2 call) same (access adj2 code) and (channel ID))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:23
S46	38	S40 and ((initiat$4 adj2 call) same (access adj2 code) and (channel ID) and ((voice data) adj2 network))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:23

S47	33	S40 and ((initiat$4 adj2 call) same (access adj2 code) and (channel ID) and ((non$voice data) adj2 network$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:25
S48	11	S40 and ((initiat$4 adj2 call) same (access adj2 code) and (channel ID) and ((non$voice data) adj2 network$5) and (indentifier ID indentification))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:26
S49	35	("2006/0189337").URPN.	USPAT	OR	ON	2013/03/15 11:34
S50	5	S46 not S47	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:46
S51	63	S45 not S46	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:47
S52	409,041	("370".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:52
S53	0	S52 and ((initiat$4 adj2 call) same (access adj2 code) same (data adj2 network$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:52
S54	213	S52 and ((initiat$4 with call) same (access adj5 code) and (data with network$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:53
S55	159	S52 and ((initiat$4 with call) same (access adj5 code) and (data with network$5) and (wirless mobile handfree))	US-PGPUB; USPAT; FPRS; EPO; JPO;	OR	ON	2013/03/15 11:54

			DERWENT; IBM_TDB			
S56	22	S52 and ((initiat$4 with call) same (access adj5 code) and (data with network$5) and (wirless mobile handfree) adj5 (IP or (internet adj2 protocol)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:54
S57	20	S52 and ((initiat$4 with call) same (access adj5 code) and (data adj5 network$5) and (wirless mobile handfree) adj5 (IP or (internet adj2 protocol)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 11:55
S58	17	(US-20070281705-$ or US-20130028251-$ or US-20090252159-$ or US-20080049732-$ or US-20070121590-$ or US-20040042607-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2013/03/15 12:01
S62	17	S58 and (server)	US-PGPUB; USPAT; DERWENT	OR	ON	2013/03/15 12:02
S63	11	S58 and (server and client)	US-PGPUB; USPAT; DERWENT	OR	ON	2013/03/15 12:03
S64	181	S52 and (channel same (ID indentifier indentification) same request same server same (router rout$5 gateway adj control$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:32
S65	27	S52 and (channel same (ID indentifier indentification) same request same (call$5 near5 server) same (router rout$5 gateway adj control$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:33
S67	154	S64 not S65	US-PGPUB; USPAT; FPRS; EPO; JPO;	OR	ON	2013/03/15 12:34

			DERWENT; IBM_TDB			
S68	32	S52 and (channel same (ID indentifier indentification) same request same (call$5 near5 server) same (router rout$5 gateway))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:34
S69	2	S52 and (channel same (ID indentifier indentification) same request same (call$5 near5 server) same (router rout$5 gateway) and (wireless adj2 ip adj4 network$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:35
S72	2	S52 and (channel same (ID indentifier indentification) same request same (call$5 near5 server) same (router rout$5 gateway) AND (wireless adj2 ip adj4 network$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:36
S73	5	S52 and (channel same (ID indentifier indentification) same request same (call$5 near5 server) same (router rout$5 gateway) AND (wireless with (ip or (internet adj2 protocol))))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:46
S74	12	S52 and (channel same (ID indentifier indentification) same request same (call$5 near5 server) same (router rout$5 gateway) AND ((wireless mobile) with (ip or (internet adj2 protocol))))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:48
S76	7	S74 not S73	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 12:49
S77	432,569	("370".clas. "709".clas. "455".clas. "725".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 13:10
S79	2	S77 and (channel same (ID indentifier indentification) same request same (call$5 near5 server) same (router rout$5 gateway) AND (wireless adj5 IP))	US-PGPUB; USPAT; FPRS; EPO; JPO;	OR	ON	2013/03/15 13:11

			DERWENT; IBM_TDB			
S82	0	S79 and (POOL)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:32
S83	0	S79 and (indenfi$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:33
S84	2	S79 and (identifi$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:33
S85	2	S79 and (identifi$5 and access)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:33
S86	0	S79 and (identifi$5 with access)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:33
S87	2	S79 and (identifi$5 and access and number)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:33
S88	2	S79 and (identifi$5 and access and number and associat$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:34
S89	2	S79 and (identifi$5 and access and number and associat$5 and select$5)	US-PGPUB; USPAT; FPRS; EPO; JPO;	OR	ON	2013/03/15 15:34

			DERWENT; IBM_TDB			
S90	900	S52 and (pool database) with (access adj code phone adj number) with (associat$3 respective)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:57
S91	0	S52 and (pool database) with (access adj code) with (phone adj number) with (associat$3 respective) same (wireless IP)\	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:57
S92	0	S52 and (pool database) with (access adj code) with (phone adj number) with (associat$3 respective) and (wireless IP)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:58
S93	820	S52 and (pool database) with (access adj code phone adj number) with (associat$3 respective) and (wireless IP)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:58
S94	181	S52 and (pool database) with (access adj code phone adj number) with (associat$3 respective) same (wireless IP)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:58
S95	8	S52 and (pool database) with (access adj code phone adj number) with (associat$3 respective) same (wireless with IP)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 15:59
S98	20	(US-20070281705-$ or US-20130028251-$ or US-20090252159-$ or US-20080049732-$ or US-20070121590-$ or US-20040042607-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-	US-PGPUB; USPAT; DERWENT	OR	ON	2013/03/15 16:13

		6674745-$).did. or (WO-2010012090-$).did.				
S99	11	S98 and (local with number)	US-PGPUB; USPAT; DERWENT	OR	ON	2013/03/15 16:17
S100	9	S98 and (local near7 number)	US-PGPUB; USPAT; DERWENT	OR	ON	2013/03/15 16:19
S101	7	S98 and (local near4 number)	US-PGPUB; USPAT; DERWENT	OR	ON	2013/03/15 16:19
S102	3	(US-20040022237-$ or US-20080056235-$).did. or (US-6674745-$).did.	US-PGPUB; USPAT	OR	ON	2013/03/15 16:49
S103	3	S102 AND (ip adj2 address)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:49
S104	0	S102 AND (ip adj2 address with mobile)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:50
S105	2	S102 AND (ip adj2 address with (receiv$5 reception))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:50
S106	3	S102 AND (ip adj2 address with server)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:52
S107	0	S102 AND (ip adj2 address with server with receiv$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:53
S108	1	S102 AND (ip adj2 address with receiv$3 same server)	US-PGPUB; USPAT; FPRS; EPO; JPO;	OR	ON	2013/03/15 16:53

			DERWENT; IBM_TDB			
S109	0	S102 AND ((ip adj address) with caller)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:54
S110	2	S102 AND ((ip adj address) with call$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/15 16:54
S111	1	"12116756"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 14:43
S112	3	(US-20040022237-$ or US-20080056235-$).did. or (US-6674745-$).did.	US-PGPUB; USPAT	OR	ON	2013/03/16 15:36
S115	1	S112 AND (identif$5 same wireless)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 15:37
S116	3	S112 AND (identif$5 and (mobile wireless))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:09
S117	1	S112 AND (identif$5 with (mobile wireless))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:09
S118	2	S112 AND (identif$5 same (mobile wireless))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:09
S119	3	S112 AND (identi$6 and (mobile wireless) and config$5)	US-PGPUB; USPAT;	OR	ON	2013/03/16 16:11

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S122	3	S112 AND (identi$6 and (mobile wireless) and config$5 and user)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:11
S123	3	S112 AND (identi$6 and (mobile wireless) and config$5 and user and location)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:12
S124	2	S112 AND (identi$6 same (mobile wireless) and config$5 and user and location)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:12
S126	1	S112 AND (identi$6 same (mobile wireless) and (config$5 same location) and user)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:13
S127	1	S112 AND (identi$6 same (mobile wireless) same location and (config$5 same user))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:17
S128	2	S112 AND (location same identi$6 same user)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 16:50
S129	3	S112 AND (local same number)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 17:08
S130	2	S112 AND (local near5 number)	US-PGPUB; USPAT; FPRS; EPO;	OR	ON	2013/03/16 17:12

			JPO; DERWENT; IBM_TDB			
S131	3	S112 AND (IP adj2 network same rout$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 17:19
S136	3	S112 AND (call same channel)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 17:39
S137	1	S112 AND (call same channel same establ$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 17:39
S141	1	S112 AND (establ$5 same call same channel)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 17:41
S142	2	S112 AND (call$5 same identif$6 same access)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 18:31
S143	1	S112 AND (call$5 same identif$6 same access same code)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/16 18:31
S144	3	(US-20040022237-$ or US-20080056235-$).did. or (US-6674745-$).did.	US-PGPUB; USPAT	OR	ON	2013/03/18 19:29
S145	3	S144 and (telephone same number)	US-PGPUB; USPAT	OR	ON	2013/03/18 19:30
S146	2	S144 and ((number or code) with match$4)	US-PGPUB; USPAT	OR	ON	2013/03/18 19:31
S147	3	S144 and ((number or code or ID or identifier) with called)	US-PGPUB; USPAT	OR	ON	2013/03/18 19:37

S148	2	S144 and ((number or code or ID or identifier) with channel)	US-PGPUB; USPAT	OR	ON	2013/03/18 19:45
S149	1	S144 and ((number or code) same (ID or identifier) same channel)	US-PGPUB; USPAT	OR	ON	2013/03/18 19:46
S150	2	S144 and ((number or code or ID or identifier) same channel same (called dialed))	US-PGPUB; USPAT	OR	ON	2013/03/18 19:49
S151	2	S144 and (channel same (called dialed))	US-PGPUB; USPAT	OR	ON	2013/03/18 19:51
S152	3	S144 and (TTL expir$5 timestap)	US-PGPUB; USPAT	OR	ON	2013/03/18 19:56
S153	3	S144 and (TTL expir$5 timestamp)	US-PGPUB; USPAT	OR	ON	2013/03/18 19:56
S154	2	S144 and (data non$1voice) with (reply respon$4)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:09
S155	2	S144 and (data non$1voice) same (code numer ID identifier) same (reply respon$4)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:10
S156	3	S144 and (data non$1voice) same (code numer ID identifier)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:12
S157	3	S144 and (data non$1voice) same (code numer ID identifier) same2 (reply$3 respon$5)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:14
S158	3	S144 and (data non$1voice) same (code number ID identifier) same2 (reply$3 respon$5)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:14
S159	3	S144 and (data non$1voice) same (code number ID identifier) same (reply$3 respon$5)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:17
S160	1	S144 and code with (reply$3 respon$5)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:19
S161	3	S144 and (number ID identifier) with (reply$3 respon$5)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:21
S162	2	S144 and (access adj code)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:23
S163	0	S144 and (access adj code) same (reply reponse respond$3)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:23
S164	1	S144 and (access adj code) same2 (reply reponse respond$3)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:24
S165	1	S144 and code same query	US-PGPUB; USPAT	OR	ON	2013/03/18 20:26
S166	0	"L29" and (data with interface with access adj code with (reply response respond$3))	US-PGPUB; USPAT	OR	ON	2013/03/18 20:26

S167	366,130	("370".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2013/03/18 20:27
S168	6	S167 and (data with interface with access adj code with (reply response respond$3))	US-PGPUB; USPAT	OR	ON	2013/03/18 20:27
S169	1	S167 and (access adj code) with expir$5 with (establish$4 ssetup)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:41
S170	3	S167 and (access adj code) with expir$5 with (establish$4 setup)	US-PGPUB; USPAT	OR	ON	2013/03/18 20:41
S171	8	S167 and (access adj code) with expir$5 with call$3	US-PGPUB; USPAT	OR	ON	2013/03/18 20:43
S172	5	(US-20040022237-$ or US-20080056235-$ or US-20020122391-$).did. or (US-6674745-$ or US-5454030-$).did.	US-PGPUB; USPAT	OR	ON	2013/03/22 14:46
S173	3	S172 and (dial$3 with number)	US-PGPUB; USPAT	OR	ON	2013/03/22 15:52
S174	2	S172 and (called with number with request)	US-PGPUB; USPAT	OR	ON	2013/03/22 15:58
S175	1	S172 and (calling with number with request)	US-PGPUB; USPAT	OR	ON	2013/03/22 16:00
S176	1	S172 and (calling with request)	US-PGPUB; USPAT	OR	ON	2013/03/22 16:01
S178	2	S172 and (request with access)	US-PGPUB; USPAT	OR	ON	2013/03/22 16:03
S179	4	S172 and (access near code)	US-PGPUB; USPAT	OR	ON	2013/03/22 16:04
S180	1	S172 and (access with soft)	US-PGPUB; USPAT	OR	ON	2013/03/22 16:06
S181	1	S172 and (access same soft same (caller calling))	US-PGPUB; USPAT	OR	ON	2013/03/22 16:08
S182	1	S172 and (access same request$3 same (caller calling))	US-PGPUB; USPAT	OR	ON	2013/03/22 16:09
S185	1	S172 and (reply with request$3)	US-PGPUB; USPAT	OR	ON	2013/03/22 16:15
S186	5	S172 and (reply response)	US-PGPUB; USPAT	OR	ON	2013/03/22 16:16
S187	4	S172 and ((reply response) with (code id identif$8))	US-PGPUB; USPAT	OR	ON	2013/03/22 16:19
S188	4	S172 and ((calling caller) with (code id identif$8))	US-PGPUB; USPAT	OR	ON	2013/03/22 16:21
S189	3	S172 and ((calling caller) with (reply$3 respon$5))	US-PGPUB; USPAT	OR	ON	2013/03/22 16:23

S190	1	S172 and ((calling caller) same called same (initial$5 code access))	US-PGPUB; USPAT	OR	ON	2013/03/22 16:24
S191	4	S172 and ((reply response) with (code id identif$8) with (reply$3 respon$5))	US-PGPUB; USPAT	OR	ON	2013/03/22 16:38
S193	5	(US-20040022237-$ or US-20080056235-$ or US-20020122391-$).did. or (US-6674745-$ or US-5454030-$).did.	US-PGPUB; USPAT	OR	ON	2013/03/23 12:05
S194	3	S193 and (ip adj2 address)	US-PGPUB; USPAT	OR	ON	2013/03/23 12:06
S195	0	S193 and (ip adj2 address with mobile)	US-PGPUB; USPAT	OR	ON	2013/03/23 12:07
S196	1	S193 and (ip adj2 address same mobile)	US-PGPUB; USPAT	OR	ON	2013/03/23 12:07
S197	3	S193 and (ip adj2 address)	US-PGPUB; USPAT	OR	ON	2013/03/23 12:08
S198	3	S193 and (ip adj1 address)	US-PGPUB; USPAT	OR	ON	2013/03/23 12:17
S199	1	S193 and (mobile same routed)	US-PGPUB; USPAT	OR	ON	2013/03/23 13:17
S200	2	S193 and (mobile same rout$4)	US-PGPUB; USPAT	OR	ON	2013/03/23 13:18
S201	2	US-20070112964-$.did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/25 12:44
S202	2	"5519769".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2013/03/25 12:55
S203	5	"13056277"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/11/09 13:30
S204	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/11/09 13:30

S205	68	("20020116464" | "20040255126" | "20060072547" | "20060093135" | "20060153342" | "20080056302" | "20120099599" | "20120227101" | "5469497" | "5608786" | "5712907" | "5838682" | "5905736" | "5930343" | "5991291" | "6005926" | "20120170574" | "20040203582" | "20050287979" | "20070047548" | "20080167019" | "20080167020" | "20080187122" | "20100177671" | "20110201321" | "6993015" | "7400881" | "7573982" | "7738384" | "8041022" | "8189568" | "8437340" | "8462915" | "8605714" | "8750290" | "7587036" | "20140349602" | "8111690" | "8713098" | "20090213839" | "20100083364" | "20100115018" | "20110208859" | "20110276903" | "20110276904" | "20110292929" | "20120089717" | "20130329722" | "20140016764" | "8078164" | "8396445" | "8634838" | "8903051" | "8909556" | "8938534" | "20050222952" | "6636833" | "7447707" | "7676431" | "7765261" | "8161078" | "8627211" | "20020122391" | "20060160565" | "20060177035" | "20060209768" | "20080037715" | "5146491").pn.	US-PGPUB; USPAT	OR	OFF	2015/11/09 14:04
S206	7	((Pentti) near2 (Huttunen)).INV.	US-PGPUB; USPAT	OR	OFF	2015/11/09 14:08
S208	4	((Emil) near2 (Malak)).INV.	US-PGPUB; USPAT	OR	OFF	2015/11/09 14:08
S209	19	((bjorsell) near2 (johan)).INV.	US-PGPUB; USPAT	OR	OFF	2015/11/09 14:09
S210	21	(digifonica).as.	US-PGPUB; USPAT	OR	ON	2015/11/09 14:09
S211	9	((Maksym) near2 (Sobolyev)).INV.	US-PGPUB; USPAT	OR	OFF	2015/11/09 14:10
S212	25	S206 S208 S209 S210 S211	US-PGPUB; USPAT	OR	OFF	2015/11/09 14:10
S213	267,985	(370/310-338,395.$.ccls. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2015/11/09 14:12
S214	9,728	S213 and ((location$4 GPS) AND (ID identificat$4)).clm.	US-PGPUB; USPAT	OR	ON	2015/11/09 14:12
S215	1	S212 and ((location$4 GPS) AND (ID identificat$4)).clm.	US-PGPUB; USPAT	OR	ON	2015/11/09 14:12

S216	3	S212 and ((location$4 GPS) AND (ID identificat$4 key flag$4 number digit)).clm.	US-PGPUB; USPAT	OR	ON	2015/11/09 14:13
S217	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2015/11/09 14:14
S218	22	(US-20070281705-$ or US-20130028251-$ or US-20090252159-$ or US-20080049732-$ or US-20070121590-$ or US-20040042607-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/09 15:24
S219	20	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/09 16:15
S220	22	(US-20070281705-$ or US-20090252159-$ or US-20130028251-$ or US-20040042607-$ or US-20080049732-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/09 16:15

		5454030-$).did. or (WO-2010012090-$).did.				
S221	21	S220 and (locat$4 GPS)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:15
S222	17	S220 and (locat$4 GPS) AND (ID identificat$4 key$4 flag$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:16
S223	13	S220 and (locat$4 GPS) SAME (ID identificat$4 key$4 flag$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:16
S224	13	S220 and (locat$4 GPS) SAME (ID identificat$4 key$4 flag$4) AND (mobile wireless cellular portable)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:16
S225	10	S220 and (locat$4 GPS) SAME (ID identificat$4 key$4 flag$4) SAME (mobile wireless cellular portable)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:16
S226	10	S220 and (locat$4 GPS) SAME (ID identificat$4 key$4 flag$4) SAME (mobile wireless cellular portable) AND (server$4 router$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:17
S227	9	S220 and (locat$4 GPS) SAME (ID identificat$4 key$4 flag$4) SAME (mobile wireless cellular portable) SAME (server$4 router$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:17
S228	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO;	OR	OFF	2015/11/09 16:28

			DERWENT; IBM_TDB			
S230	4,816	H04W8/02.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2015/11/09 16:29
S231	5,819	H04W76/025.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:31
S233	5,844	H04W76/021.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:32
S235	27	S230 AND (plac$3 WITH VOIP same call$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 16:33
S236	56	(S230 S231 S233) AND (plac$3 WITH VOIP same call$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 17:19
S237	48	(S230 S231 S233) AND (plac$3 SAME (wireless mobile cellular) WITH VOIP same call$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 17:20
S238	63	(S230 S231 S233) AND (plac$3 SAME (wireless mobile cellular) SAME (voice adj2 over adj2 internet VOIP) same call$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 17:20
S239	2	(US-20040022237-$ or US-20080056235-$).did.	US-PGPUB	OR	OFF	2015/11/09 17:34
S240	28	(S230 S231 S233) AND (plac$3 SAME (wireless mobile cellular) SAME (voice adj2 over adj2 internet VOIP) same call$3 AND (SMS short adj2 messag$4 adj2 serv$4))	US-PGPUB; USPAT; FPRS; EPO; JPO;	OR	OFF	2015/11/09 17:35

			DERWENT; IBM_TDB			
S241	4,816	H04W8/02.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2015/11/09 19:23
S242	5,819	H04W76/025.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:23
S243	5,844	H04W76/021.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:23
S244	976	(S241 S242 S243) AND (SMS short adj2 messag$4 adj2 servic$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:23
S245	397	(S241 S242 S243) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) AND (SMS short adj2 messag$4 adj2 servic$3))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:24
S246	259	(S241 S242 S243) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) AND (SMS short adj2 messag$4 adj2 servic$3) AND server and controller)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:25
S247	29	(S241 S242 S243) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) AND (SMS short adj2 messag$4 adj2 servic$3) AND server and controller and (location adj2 ID location adj2 identif$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:26
S248	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:35

S249	1	S248 and (receiv$$ SAME user SAME identifier SAME destination)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:36
S250	1	S248 and (receiv$$ SAME user SAME identifier)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/09 19:36
S251	20	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/29 22:07
S252	252,985	((H04L29/06027 OR H04L29/06 OR H04L29/1216 OR H04L61/157 OR H04L65/1069 OR H04L12/4608 OR H04L12/66 OR H04L29/12122 OR H04L61/1547 OR H04L65/1026 OR H04L65/103 OR H04L65/1036 OR H04L65/104 OR H04L67/14 OR H04L69/329 OR H04L12/1813 OR H04L12/5695 OR H04L12/6418 OR H04L2012/5626 OR H04L2012/563 OR H04L2012/5645 OR H04L2012/5667 OR H04L2012/5668 OR H04L2012/6472 OR H04L29/12094 OR H04L29/12584 OR H04L29/12896 OR H04L29/12933 OR H04L47/724 OR H04L47/803 OR H04L47/805 OR H04L61/1529 OR H04L61/2015 OR H04L61/2596 OR H04L61/605 OR H04L61/6068 OR H04L63/061 OR H04L63/0823 OR H04L63/126 OR H04L63/164 OR H04L65/1003 OR H04L65/1006 OR H04L65/1009 OR H04L65/1013 OR H04L65/1043 OR H04L65/1046 OR H04L65/1083 OR H04L65/1096 OR H04L65/4007 OR H04L65/403 OR	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/29 22:25

		H04L65/604 OR H04L65/605 OR H04L67/02 OR H04L67/04 OR H04L67/24 OR H04L67/34 OR H04L67/40 OR H04L69/08 OR H04M15/00 OR H04M7/006 OR H04M7/009 OR H04M11/066 OR H04M15/06 OR H04M15/08 OR H04M15/41 OR H04M15/43 OR H04M15/48 OR H04M15/56 OR H04M15/63 OR H04M15/68 OR H04M15/745 OR H04M15/8292 OR H04M1/2473 OR H04M1/2535 OR H04M2203/2022 OR H04M2203/4536 OR H04M2207/12 OR H04M2207/18 OR H04M2207/20 OR H04M2215/0108 OR H04M2215/0156 OR H04M2215/0164 OR H04M2215/0168 OR H04M2215/0196 OR H04M2215/202 OR H04M2215/62 OR H04M2215/68 OR H04M2242/14 OR H04M3/20 OR H04M3/42 OR H04M3/42008 OR H04M3/42042 OR H04M3/42068 OR H04M3/4228 OR H04M3/42314 OR H04M3/42348 OR H04M3/42365 OR H04M3/523 OR H04M3/53325 OR H04M3/545 OR H04M3/567 OR H04M7/00 OR H04M7/0021 OR H04M7/0057 OR H04M7/123 OR H04M7/1245 OR H04M7/125 OR H04M7/1255 OR H04M7/126 OR H04M7/128 OR H04M7/1285 OR H04Q3/0025 OR H04Q3/0045 OR H04Q11/0478 OR H04Q2213/13098 OR H04Q2213/1324 OR H04Q2213/13288 OR G06Q20/3674 OR H04H60/43 OR H04H60/51 OR H04H60/91 OR H04N21/2665 OR H04N21/4126 OR H04N21/42203 OR H04N21/6581 OR H04N21/6582 OR H04N7/17318 OR H04W28/16 OR H04W4/06 OR H04W4/10 OR H04W4/22 OR H04W60/04 OR H04W76/005 OR H04W76/007 OR H04W76/02 OR H04W76/021 OR H04W76/025 OR H04W80/00 OR H04W80/04 OR H04W84/005 OR H04W88/08 OR H04W8/02 OR H04W8/085 OR Y10S379/90).CPC.)				
S253	1	"14035806"	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/29 22:26

META 1002
META V. VOIP-PAL

S254	6,639	((H04W76/021 OR H04W76/025 OR H04W8/02).CPC.)	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/29 22:45
S255	268,033	(370/310-338,395.$.ccls. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2015/11/29 23:32
S256	4,832	H04W8/02.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2015/11/29 23:32
S257	5,881	H04W76/025.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/29 23:32
S258	5,933	H04W76/021.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/29 23:32
S259	29	(S256 S257 S258) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) AND (SMS short adj2 messag$4 adj2 servic$3) AND server and controller and (location adj2 ID location adj2 identif$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/29 23:32
S260	265	(S254 S255) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) AND (SMS short adj2 messag$4 adj2 servic$3) AND server and controller and (location adj2 ID location adj2 identif$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/29 23:33
S261	95	(S254 S255) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) SAME (SMS short adj2 messag$4 adj2 servic$3) AND server and controller and (location adj2 ID location adj2 identif$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/29 23:33
S262	25	(S254 S255) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) SAME (SMS short adj2 messag$4 adj2 servic$3) AND server SAME (location adj2 ID location adj2 identif$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/29 23:33
S263	4	(S254 S255) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) SAME (SMS short adj2 messag$4	US-PGPUB; USPAT; FPRS; EPO;	OR	OFF	2015/11/29 23:34

		adj2 servic$3) SAME server SAME (location adj2 ID location adj2 identif$5))	JPO; DERWENT; IBM_TDB			
S264	6,575	(reply with mobile) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2015/11/30 00:57
S265	2,208	(reply with mobile same server) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2015/11/30 00:57
S266	168	(reply with mobile same server same sms) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2015/11/30 00:57
S267	35	(reply with mobile same server same sms same gateway) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2015/11/30 00:58
S268	25	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/30 02:11
S269	12	S268 and SMS	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 02:11
S270	12	S268 and (SMS same server$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 02:12
S271	1	S268 and (SMS same server$3 same locat$4 NEAR5 (ID address identificat$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 02:12

S272	25	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/30 09:34
S273	12	S272 and (SMS same server$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 09:34
S274	5	S272 and (SMS same server$3 SAME (location GPS))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 09:38
S275	5	"20080101370"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 09:42
S276	26	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/30 09:47

		6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.				
S277	6	S276 and (SMS SAME server SAME (location GPS))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 09:47
S278	8	S276 and (SMS SAME server SAME3 (location GPS))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 10:08
S279	17	S276 and ((ID identification key flag address) SAME (location GPS))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 11:00
S280	15	S276 and ((ID identification key flag address) SAME (location GPS) SAME server)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 11:01
S281	11	S276 and ((transmit$4 send$4) SAME (ID identification key flag address) SAME (location GPS) SAME server)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 11:03
S282	3	S276 and ((transmit$4 send$4) SAME (ID identification key flag address) WITH (location GPS) WITH server)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 11:11
S283	2	(US-20080160953-$ or US-20080056235-$).did.	US-PGPUB	OR	OFF	2015/11/30 12:07
S284	2	S283 and (SMS SAME server)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 12:07
S285	2	S283 and (location SAME channel)	US-PGPUB; USPAT; FPRS; EPO;	OR	OFF	2015/11/30 12:25

			JPO; DERWENT; IBM_TDB			
S286	1	"14035806"	US-PGPUB; USPAT; DERWENT	OR	OFF	2015/11/30 12:59
S287	0	S283 and (poll)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:04
S288	1	S283 and (poll multiple)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:05
S289	2	S283 and (local and call)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:07
S290	2	S283 and (local SAME call)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:07
S291	2	S283 and (IP SAME address)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:09
S292	0	S283 and (time with out)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:20
S293	0	S283 and (expired)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:21

S294	1	S283 and (expired out)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2015/11/30 14:21
S295	26	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2016/01/02 22:35
S296	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	OFF	2016/01/02 22:36
S297	0	S296 and (destinat$$ adj2 (ID key flag identificat$4) and (location adj2 ID) and channel$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/02 22:37
S298	0	S296 and (destinat$$ SAME (ID key flag identificat$4) SAME (location adj2 ID) and channel$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/02 22:37
S299	1	S296 and (destinat$$ SAME (ID key flag identificat$4) SAME channel$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/02 22:38
S300	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	OFF	2016/01/03 18:45
S301	1	S300 and (destinat$$ SAME (ID key flag identificat$4) SAME channel$4)	US-PGPUB; USPAT; FPRS; EPO; JPO;	OR	OFF	2016/01/03 18:45

			DERWENT; IBM_TDB			
S302	26	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2016/01/06 12:00
S303	2	"13710282"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/06 17:24
S304	1	S303 and (similar SAME power$4 same sav$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/06 17:25
S305	1	S303 and (similar NEAR10 power$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/06 18:18
S306	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	OFF	2016/01/06 21:55
S307	26	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-	US-PGPUB; USPAT; DERWENT	OR	OFF	2016/01/07 14:24

		20080125146-$ or US-20070156909-$ or US-20080101370-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.				
S308	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	OFF	2016/01/07 14:24
S309	1	"14035806"	US-PGPUB; USPAT	OR	OFF	2016/01/07 15:02
S310	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	OFF	2016/01/07 15:03
S311	26	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2016/01/07 15:03
S312	1	S310 and ((channel$4 tunnel$4 frequenc$4) WITH (ID identificat$4 key flag))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/07 15:04
S313	2	S310 and ((channel$4 tunnel$4 frequenc$4) SAME (ID identificat$4 key flag))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/07 15:04
S314	1	S310 and ((channel$4 tunnel$4 frequenc$4) NEAR10 (ID identificat$4 key flag))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/07 15:35
S315	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	OFF	2016/01/07 15:35

S316	1	S315 and (destinat$$ SAME (ID key flag identificat$4) SAME channel$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/07 15:35
S317	2	S315 and (channel)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/07 16:18
S319	2	S315 and (channel and location)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/01/07 18:15
S320	5,569	H04W8/02.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2016/10/17 13:25
S321	8,486	H04W76/025.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/10/17 13:25
S322	8,300	H04W76/021.cpc.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/10/17 13:25
S323	46	(S320 S321 S322) AND ((VoIP vo$1IP voice adj2 over adj (IP internet)) AND (SMS short adj2 messag$4 adj2 servic$3) AND server and controller and (location adj2 ID location adj2 identif$5))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2016/10/17 13:25
S324	8	((Pentti) near2 (Huttunen)).INV.	US-PGPUB; USPAT	OR	OFF	2016/10/17 13:25
S325	4	((Emil) near2 (Malak)).INV.	US-PGPUB; USPAT	OR	OFF	2016/10/17 13:25
S326	22	((bjorsell) near2 (johan)).INV.	US-PGPUB; USPAT	OR	OFF	2016/10/17 13:25
S327	21	(digifonica).as.	US-PGPUB; USPAT	OR	ON	2016/10/17 13:25

S328	10	((Maksym) near2 (Sobolyev)).INV.	US-PGPUB; USPAT	OR	OFF	2016/10/17 13:25
S329	29	S324 S325 S326 S327 S328	US-PGPUB; USPAT	OR	OFF	2016/10/17 13:25
S330	1	S329 and ((location$4 GPS) AND (ID identificat$4)).clm.	US-PGPUB; USPAT	OR	ON	2016/10/17 13:25
S331	313,876	(370/310-338,395.$.ccls. "379".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2016/10/17 13:26
S332	28	S331 and ((caller 'calling party')same (callee 'called party') same access same code same request same call$4 same server same rout$5 same (channel or (ID identifier identificat$5)))	US-PGPUB; USPAT	OR	ON	2016/10/17 13:26
S333	268,664	(370/310-338,395.$.ccls. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2016/10/17 13:26
S334	1	S333 and ((access adj code) same (channel adj (identifier ID identification) same request))	US-PGPUB; USPAT	OR	ON	2016/10/17 13:26
S335	506,306	("370".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/10/17 13:26
S336	12	S335 and ((initiat$4 adj2 call) same (access adj2 code) and (channel ID) and ((non$voice data) adj2 network$5) and (indentifier ID indentification))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2016/10/17 13:26
S337	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	ON	2016/10/17 13:55
S338	2	S337 and (database list table log) WITH (locat$4 GPS)	US-PGPUB	OR	ON	2016/10/17 14:12
S339	2	S337 and (database list table log) WITH (locat$4 GPS) AND (IP internet adj2 protocol)	US-PGPUB	OR	ON	2016/10/17 14:19
S340	0	S337 and (database list table log) WITH (locat$4 GPS) WITH (IP internet adj2 protocol)	US-PGPUB	OR	ON	2016/10/17 14:19
S341	2	S337 and (database list table log) WITH (locat$4 GPS) SAME (IP internet adj2 protocol)	US-PGPUB	OR	ON	2016/10/17 14:19

S342	2	S337 and (database list table log) WITH (locat$4 GPS) SAME (IP internet adj2 protocol) and location	US-PGPUB	OR	ON	2016/10/17 14:45
S343	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2016/11/15 14:32
S344	26	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2016/11/15 15:00
S345	6	cn adj2 "102307082"	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2016/11/15 15:52
S346	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2016/11/15 16:54
S347	1	(US-20080056235-$).did.	US-PGPUB	OR	ON	2016/11/15 19:52
S348	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	ON	2016/11/15 19:53
S349	2	S348 AND (locat$5 GPS) WITH (ID key identification flag$4)	US-PGPUB	OR	ON	2016/11/15 19:54
S350	2	S348 AND (locat$5 GPS) WITH (ID key identification flag$4) AND (ID key identification flag$4)	US-PGPUB	OR	ON	2016/11/15 19:55
S351	2	(US-20080056235-$ or US-20080160953-$).did.	US-PGPUB	OR	ON	2016/11/15 20:58
S352	2	S351 AND (locat$5 GPS) WITH (ID key identification flag$4) AND (ID key identification flag$4)	US-PGPUB	OR	ON	2016/11/15 20:58
S353	432	((Access NEAR5 server) AND (location$4 GPS) SAME (destinat$4	US-PGPUB	OR	ON	2016/11/15 21:57

		NEAR5 ID)) AND (@AD <"201080728")				
S354	752	((Access NEAR5 server) AND (location$4 GPS) SAME (destinat$4 NEAR5 ID)) AND (@AD <"201080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2016/11/15 21:58
S355	402	((Access NEAR5 server) AND (location$4 GPS) WITH (destinat$4 NEAR5 ID)) AND (@AD <"201080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2016/11/15 21:58
S356	11	((Access NEAR5 server) SAME (location$4 GPS) WITH (destinat$4 NEAR5 ID)) AND (@AD <"201080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2016/11/15 21:58
S357	97	((request$4 NEAR5 (messag$4 packet frame PDU data adj2 unit)) SAME (location$4 GPS) WITH (destinat$4 NEAR5 ID)) AND (@AD <"201080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2016/11/15 22:00
S358	19	((request$4 NEAR5 (messag$4 packet frame PDU data adj2 unit)) SAME (location$4 GPS) WITH (destinat$4 NEAR5 ID) SAME (server)) AND (@AD <"201080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2016/11/15 22:01
S359	43	((request$4 SAME (messag$4 packet frame PDU data adj2 unit)) SAME (location$4 GPS) SAME (destinat$4 NEAR5 ID) SAME (server) SAME (channel$4 path$4 rout$4)) AND (@AD <"201080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2016/11/15 22:42
S360	29	((JOHAN) near2 (BJORSELL)).INV.	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
S361	14	((MAKSYM) near2 (SOBOLYEV)).INV.	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
S362	8	((PENTTI) near2 (HUTTUNEN)).INV.	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
S363	21	(digifonica).as.	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
S364	34	S360 or S361 or S362 or S363	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
S365	313,893	(370/310-338,395.$.ccls. "379".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58

S366	27	S365 and ((caller 'calling party')same (callee 'called party') same access same code same request same call$4 same server same rout$5 same (channel or (ID identifier identificat$5)))	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
S367	268,678	(370/310-338,395.$.ccls. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
S368	1	S367 and ((access adj code) same (channel adj (identifier ID identification) same request))	US-PGPUB; USPAT	OR	ON	2017/08/21 11:58
S369	45	((request$4 SAME (messag$4 packet frame PDU data adj2 unit)) SAME (location$4 GPS) SAME (destinat$4 NEAR5 ID) SAME (server) SAME (channel$4 path$4 rout$4)) AND (@AD <"201080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2017/08/21 11:59
S370	400,075	("370".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2017/08/21 11:59
S371	8	S370 and ((access adj code) same (channel with (ID identification)) same request)	US-PGPUB; USPAT	OR	ON	2017/08/21 11:59
S372	8	((Pentti) near2 (Huttunen)).INV.	US-PGPUB; USPAT	OR	OFF	2017/08/21 11:59
S373	4	((Emil) near2 (Malak)).INV.	US-PGPUB; USPAT	OR	OFF	2017/08/21 11:59
S374	29	((bjorsell) near2 (johan)).INV.	US-PGPUB; USPAT	OR	OFF	2017/08/21 11:59
S375	21	(digifonica).as.	US-PGPUB; USPAT	OR	ON	2017/08/21 11:59
S376	14	((Maksym) near2 (Sobolyev)).INV.	US-PGPUB; USPAT	OR	OFF	2017/08/21 11:59
S377	36	S372 S373 S374 S375 S376	US-PGPUB; USPAT	OR	OFF	2017/08/21 11:59
S378	1	S377 and ((location$4 GPS) AND (ID identificat$4)).clm.	US-PGPUB; USPAT	OR	ON	2017/08/21 11:59
S379	528,836	("370".clas. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/08/21 12:00
S380	12	S379 and ((initiat$4 adj2 call) same (access adj2 code) and (channel ID) and ((non$voice data) adj2	US-PGPUB; USPAT; FPRS; EPO;	OR	ON	2017/08/21 12:00

		network$5) and (indentifier ID indentification))	JPO; DERWENT; IBM_TDB			
S381	11	((Access NEAR5 server) SAME (location$4 GPS) WITH (destinat$4 NEAR5 ID)) AND (@AD <"201080728")	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2017/08/21 12:00
S382	13	("20020150080" | "20060195584" | "20070121590" | "20070121602" | "20170104868" | "20170111265" | "20170126752" | "20170142256" | "576852106" | "6947531" | "7477843" | "9537762" | "9549071" | "9565307").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:07
S383	4	("20030043974" | "20050069097" | "6434143" | "7774711").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:07
S384	1	("7174156").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:07
S385	24	("20020057764" | "20050007999" | "20060109960" | "20060233317" | "20070036139" | "20070064919" | "20090238168" | "20100002701" | "20150327320" | "20150358470" | "20160006882" | "20160028619" | "4747124" | "5742596" | "5991378" | "6603977" | "6961334" | "7042985" | "7218722" | "7366157" | "7486684" | "8036366" | "8594298" | "9179005").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:07
S386	24	("20020057764" | "20050007999" | "20060109960" | "20060233317" | "20070036139" | "20070064919" | "20090238168" | "20100002701" | "20150327320" | "20150358470" | "20160006882" | "20160028619" | "4747124" | "5742596" | "5991378" | "6603977" | "6961334" | "7042985" | "7218722" | "7366157" | "7486684" | "8036366" | "8594298" | "9179005").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:08
S387	43	("20050131813" | "20050171898" | "20050192897" | "20050192901" | "20050222952" | "20050267842" | "20060006224" | "20060036522" | "20060095320" | "20060116892" | "20060195398" | "20070016524" | "20140141884" | "5677955" | "5883810" | "6173272" | "6243689" | "6636833" | "6772188" | "6892184" |	US-PGPUB; USPAT	OR	ON	2017/08/21 13:08

		"7051072" | "7330835" | "7426492" | "7437665" | "7447707" | "7580886" | "7593884" | "7599944" | "7644037" | "7647500" | "7676431" | "7680737" | "7734544" | "7765261" | "7765266" | "7882011" | "7899742" | "8060887" | "8161078" | "8200575" | "8543477" | "8627211" | "8702505").PN.				
S388	71	("20070053382" | "20090213839" | "20100083364" | "20100114896" | "20100115018" | "20100142382" | "20100220852" | "20100233991" | "20100278534" | "20100316195" | "20110072095" | "20110167164" | "20110208859" | "20110235543" | "20110273526" | "20110276903" | "20110276904" | "20110292929" | "20120089717" | "20120096145" | "20120155333" | "20120195236" | "20120259975" | "20120270554" | "20130039226" | "20130097308" | "20130128879" | "20130148549" | "20130173534" | "20130229950" | "20130287006" | "20130310002" | "20130318166" | "20130329722" | "20130329864" | "20140010119" | "20140016764" | "20140153477" | "20140215642" | "20140307858" | "20140321333" | "6327351" | "7203478" | "7958233" | "8078164" | "8127005" | "8166547" | "8190739" | "8223927" | "8300632" | "8315521" | "8396445" | "8526306" | "8599747" | "8599837" | "8634838" | "8774378" | "8819566" | "8848887" | "8862701" | "8885609" | "8903051" | "8903360" | "8909556" | "8938209" | "8938534" | "8948061" | "8972612" | "8982719" | "8995428" | "9003306").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:09
S389	6	("20070217354" | "5917899" | "6005870" | "6597783" | "6873599" | "7010727").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:09
S390	54	("0000029" | "0000030" | "0000031" | "0000032" | "0000033" | "0000034" | "0000035" | "0000036" | "0000037" | "0000038" | "0000039" | "0000040" | "0000041" | "20010027478" | "20110255553" | "20110261717" | "20130223276" | "20130237198" | "20130254301" | "20130272297" | "20130281147" | "20140220944" |	US-PGPUB; USPAT	OR	ON	2017/08/21 13:09

		"20140227962" | "20140244393" | "20140247730" | "20140269624" | "20140324969" | "20140337961" | "20140349602" | "6937713" | "8111690" | "8219115" | "8228837" | "8243730" | "8275404" | "8364172" | "8410907" | "8417791" | "8423791" | "8468196" | "8493931" | "8532075" | "8682919" | "8713098" | "8749610" | "8767717" | "8774721" | "8780703" | "8792374" | "8792905" | "8805345" | "8810392" | "8837360" | "8838539").PN.				
S391	7	("6445694" | "6574328" | "6785266" | "7486664" | "7512117" | "7587036" | "7764777").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:09
S392	141	("20010052081" | "20020002041" | "20020018445" | "20020141352" | "20030012196" | "20030095539" | "20030179747" | "20030219103" | "20040034793" | "20040203565" | "20040203582" | "20050063519" | "20050188081" | "20050190892" | "20050202799" | "20050287979" | "20060007940" | "20060013266" | "20060030290" | "20060078094" | "20060142011" | "20060146797" | "20060189303" | "20060205383" | "20060248186" | "20060251056" | "20060268921" | "20060281437" | "20070047548" | "20070092070" | "20070115935" | "20070121593" | "20070174469" | "20070220038" | "20070253429" | "20070263609" | "20070297376" | "20080013523" | "20080056243" | "20080166999" | "20080167019" | "20080167020" | "20080167039" | "20080187122" | "20080188198" | "20080188227" | "20080205378" | "20080310599" | "20090003535" | "20090129566" | "20090135724" | "20090214000" | "20090268615" | "20090296900" | "20100008345" | "20100039946" | "20100105379" | "20100177671" | "20100246589" | "20100272242" | "20110013541" | "20110153809" | "20110176541" | "20110201321" | "20110267986" | "20120014383" | "20120113981" | "20120195415" | "20120250624" | "20120282881" | "20120314699" | "20130272297" |	US-PGPUB; USPAT	OR	ON	2017/08/21 13:10

		"20140101749" | "20140211789" | "5325421" | "6553025" | "6560224" | "6650641" | "6775534" | "6934279" | "6963739" | "6985440" | "6993015" | "7006508" | "7027564" | "7068668" | "7151772" | "7177399" | "7277528" | "7400881" | "7436835" | "7440442" | "7486667" | "7567131" | "7573982" | "7593390" | "7639792" | "7657011" | "7664495" | "7676215" | "7680114" | "7702308" | "7715821" | "7738384" | "7764944" | "7797459" | "7894441" | "7907551" | "7929955" | "7944909" | "7965645" | "7979529" | "7995589" | "8024785" | "8027333" | "8041022" | "8050273" | "8125982" | "8145182" | "8166533" | "8189568" | "8204044" | "8228897" | "8244204" | "8306063" | "8363647" | "8427981" | "8437340" | "8462915" | "8509225" | "8605714" | "8605869" | "8607323" | "8611354" | "8625578" | "8724643" | "8750290" | "8763081" | "8768951" | "8774171" | "8804705").PN.				
S393	14	("20050198499" | "20100150138" | "20100150328" | "20100172345" | "20110122827" | "20120170574" | "5719926" | "5722067" | "5915093" | "6029062" | "6249573" | "7454200" | "8630234" | "8675566").PN.	US-PGPUB; USPAT	OR	ON	2017/08/21 13:10
S394	137	("20020051518" | "20020116464" | "20020122391" | "20030200311" | "20030219103" | "20040022237" | "20040157629" | "20040165709" | "20040181599" | "20040202295" | "20040240439" | "20040255126" | "20050025043" | "20050083911" | "20050094651" | "20050169248" | "20050174937" | "20050177843" | "20060072547" | "20060072550" | "20060093135" | "20060111116" | "20060153342" | "20060160565" | "20060177035" | "20060209768" | "20060258328" | "20060264200" | "20070036143" | "20070112964" | "20070127676" | "20070253418" | "20080037715" | "20080056235" | "20080056302" | "20080063153" | "20090028146" | "20090135735" | "20090141883" | "20090292539" | "20090325558" | "20100086119" | "20100128729" | "20120099599" |	US-PGPUB; USPAT	OR	ON	2017/08/21 13:11

		"20120227101" | "20130114589" | "4916491" | "4992971" | "5146491" | "5247571" | "5303297" | "5359642" | "5425085" | "5440621" | "5454030" | "5469497" | "5506893" | "5519769" | "5559871" | "5590133" | "5608786" | "5621787" | "5633913" | "5661790" | "5712907" | "5724355" | "5726984" | "5737414" | "5751961" | "5793762" | "5799072" | "5802502" | "5825863" | "5828740" | "5838682" | "5845267" | "5850433" | "5864610" | "5867495" | "5883891" | "5889774" | "5905736" | "5907547" | "5910946" | "5915005" | "5923659" | "5930343" | "5937045" | "5940598" | "5953504" | "5956391" | "5970477" | "5974043" | "5991291" | "6005926" | "6014379" | "6021126" | "6052445" | "6058300" | "6069890" | "6073013" | "6078647" | "6104704" | "6104711" | "6115737" | "6128304" | "6137869" | "6141404" | "6151385" | "6188752" | "6282574" | "6298062" | "6351464" | "6359880" | "6430275" | "6507644" | "6597686" | "6674745" | "6724860" | "6744858" | "6766159" | "6798767" | "6819929" | "6954453" | "6963557" | "7046658" | "7055174" | "7068772" | "7079526" | "7120682" | "7212522" | "7454510" | "7950046" | "8116307" | "8422507" | "8537805" | "8542815").PN.				
S395	513	S382 S383 S384 S385 S386 S387 S388 S389 S390 S391 S392 S393 S394	US-PGPUB; USPAT	OR	ON	2017/08/21 13:11
S396	21	S395 AND ((receiv$3 or accept$3 or obtain$3 or recover$3 or retriev$3 or acquir$3 or acquisition) SAME (respons$3 or respond$3 or react$3 or feed$3back$3 or (feed$3 adj3 back) or behaviour or behavior reply$3 return$3 acknowledgment$1 answer$1) SAME (server$4 webserver$4 gate$1way system$4 proxy$4 computer) SAME (location$4 GPS position$4 origin$4 region$4 site coordinat$4) NEAR5 (ID identification key flag$4 tagg$4 badge$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2017/08/21 13:45
S397	12	S395 AND ((receiv$3 or accept$3 or obtain$3 or recover$3 or retriev$3 or	US-PGPUB; USPAT;	OR	ON	2017/08/21 13:45

		acquir$3 or acquisition) SAME (respons$3 or respond$3 or react$3 or feed$3back$3 or (feed$3 adj3 back) or behaviour or behavior reply$3 return$3 acknowledgment$1 answer$1) SAME (server$4 webserver$4 gate$1way system$4 proxy$4 computer) SAME (location$4 GPS position$4 origin$4 region$4 site coordinat$4) NEAR5 (ID identification key flag$4 tagg$4 badge$4)) AND (@AD <"20080728")	FPRS; EPO; JPO; IBM_TDB			
S398	2	(US-20090017842-$ or US-20060109960-$).did.	US-PGPUB	OR	ON	2017/08/21 14:47
S399	2	S398 and (wifi wi$1fi wireless cellular)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/08/21 14:47
S401	11	"9179005"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/11/29 23:45
S402	2	(US-20090017842-$ or US-20060109960-$).did.	US-PGPUB	OR	ON	2017/11/30 01:18
S403	3	(US-20080056235-$ or US-20090017842-$ or US-20060109960-$).did.	US-PGPUB	OR	ON	2017/11/30 01:19
S404	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/11/30 01:40
S405	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2017/11/30 13:29
S406	3	(US-20080056235-$ or US-20090017842-$ or US-20060109960-$).did.	US-PGPUB	OR	ON	2017/11/30 14:49
S407	1	S406 and (connect$4 join$4 link$4 fasten$4 connector$4 hitch$4) AND	US-PGPUB; USPAT;	OR	ON	2017/11/30 14:58

		(IP internet$4 adj2 protocol$4) NEAR5 address$4	FPRS; EPO; JPO; IBM_TDB			
S408	1	S406 and (connect$4 join$4 link$4 fasten$4 connector$4 hitch$4) AND (IP internet$4 adj2 protocol$4) WITH address$4	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2017/11/30 14:59
S409	3	(US-20080056235-$ or US-20090017842-$ or US-20060109960-$).did.	US-PGPUB	OR	ON	2017/11/30 16:04
S410	3	S409 and (connect$4 join$4 link$4 fasten$4 connector$4 hitch$4) WITH (mobile user adj2 equipment UE mobile adj2 device)	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	OR	ON	2017/11/30 16:04
S411	1	(US-20080056235-$).did.	US-PGPUB	OR	ON	2018/01/16 14:53
S412	29	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$ or US-20140016635-$ or US-20090017842-$ or US-20060109960-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2018/01/16 14:53
S413	0	S411 and (reply echo packet$4 frame$4 (data adj2 unit) ack acknowlegment$4 feeback$4 feed$1back$4 feed adj2 back$4) WITH (IP NEAR10 address$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/16 14:54
S414	0	S411 and (reply echo packet$4 frame$4 (data adj2 unit) ack acknowlegment$4 feeback$4 feed$1back$4 feed adj2 back$4 return$4 answer$4) WITH ((internet IP) NEAR10 address$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/16 14:56

S415	1	S411 and (reply echo packet$4 frame$4 (data adj2 unit) ack acknowlegment$4 feeback$4 feed$1back$4 feed adj2 back$4 return$4 answer$4) SAME ((internet IP) NEAR10 address$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/16 14:56
S416	11	S412 and (reply echo packet$4 frame$4 (data adj2 unit) ack acknowlegment$4 feeback$4 feed$1back$4 feed adj2 back$4 return$4 answer$4) SAME ((internet IP) NEAR10 address$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/16 15:33
S417	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/16 15:40
S418	29,261	((H04W76/021 OR H04W76/025 OR H04W8/02).CPC.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/16 15:52
S419	56	S418 AND (IP NEAR5 address) WITH (location$4 gps$4 geographical$4) NEAR5 (ID identification$4 key$4 flag$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/16 15:55
S420	9	S418 AND (IP NEAR5 address) WITH (location$4 gps$4 geographical$4) NEAR5 (ID identification$4 key$4 flag$4) AND (@AD <"20090728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/16 15:56
S421	15	S418 AND (IP NEAR5 address) WITH (location$4 gps$4 geographical$4) NEAR5 (ID identification$4 key$4 flag$4) AND ((@ad OR @pd OR @rlad OR @ prad OR @ptad)<"20090728")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/16 15:56
S422	29	(US-20070281705-$ or US-20090252159-$ or US-20040042607-$ or US-20070121590-$ or US-20040022237-$ or US-20030114139-$ or US-20030095542-$ or US-20030114145-$ or US-20070112964-$ or US-20060189337-$ or US-20080056235-$ or US-20040205211-	US-PGPUB; USPAT; DERWENT	OR	ON	2018/01/24 19:29

		$ or US-20020122391-$ or US-20080160953-$ or US-20100004005-$ or US-20090265552-$ or US-20080125146-$ or US-20070156909-$ or US-20080101370-$ or US-20140016635-$ or US-20090017842-$ or US-20060109960-$).did. or (US-7068684-$ or US-6963635-$ or US-7079526-$ or US-6016319-$ or US-6674745-$ or US-5454030-$).did. or (WO-2010012090-$).did.				
S423	0	S422 and (replay$4 echo adj2 back$4) WITH(ip near5 address$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/24 19:30
S424	0	S422 and (replay$4 echo adj2 back$4) WITH (ip near5 address$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/24 19:30
S425	14	S422 and (ip near5 address$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/24 19:30
S426	5	S422 and (ip near5 address$4) and (SMS)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/24 19:39
S427	5	"13056277"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/01/25 13:28
S428	1	"14035806"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2018/06/27 22:33
S429	268,665	(370/310-338,395.$.ccls. "709".clas. "455".clas.) and (@ad <"20080728" @rlad <"20080728")	US-PGPUB; USPAT	OR	ON	2018/06/27 22:34