		moved) WITH (superblock super-block super ADJ block function ADJ block function-block functionblock funblock program-block program ADJ block application ADJ block appblock app-block application-block)					
L1181	438	L992	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/04/13 12:54 PM
L1182	438	L993	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/04/13 12:54 PM
L1183	208	(instead place missing skipping) WITH (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved) WITH (superblock super-block super ADJ block function ADJ block function-block functionblock funblock program-block program ADJ block application ADJ block appblock app-block application-block) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/04/13 12:54 PM
L1184	208	L995	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/04/13 12:54 PM
L1185	208	L996	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/04/13 12:54 PM
L1186	11	(without) NEAR2 (context NEAR1 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/04/13 12:54 PM

		(L992 L995)					
L1187	11	L998	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/04/13 12:54 PM
L1188	11	L999	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/04/13 12:54 PM
L1189	41	(without instead place missing skipping) WITH (context NEAR1 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L992 L995)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/04/13 12:54 PM
L1190	41	L1001	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/04/13 12:54 PM
L1191	41	L1002	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/04/13 12:54 PM
L1192	30	(without instead place missing skipping) WITH (context NEAR1 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L992 L995 L998)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/04/13 12:54 PM
L1193	30	L1004	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/04/13 12:54 PM
L1194	30	L1005	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/04/13 12:54 PM
L1195	5	(without instead place missing skipping) WITH (context NEAR3 (switch switches switching switched swap swaps swapping swapped	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/04/13 12:54 PM

		change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L992 L995 L998 L1004)					
L1196	5	L1007	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/04/13 12:54 PM
L1197	5	L1008	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/04/13 12:54 PM
L1198	14	without ADJ switching NEAR3 context WITH superblock	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/04/13 12:54 PM
L1199	14	L1010	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/04/13 12:54 PM
L1200	14	L1011	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/04/13 12:54 PM
L1201	11	establishing WITH function WITH block WITH superblock	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/04/13 12:54 PM
L1202	11	L1013	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/04/13 12:54 PM
L1203	11	L1014	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/04/13 12:54 PM
L1204	62	(establish establishes establishing established establishment ascertain ascertains ascertaining ascertained determine determines determining determined determination discover discovers discovering discovered discovery learn learns learning learned (find finds finding) ADJ out found certain confirm confirms confirming confirmed confirmation) WITH (lack lacks lacking lacked without) WITH (superblock super-block super ADJ block (parent child primary secondary	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/04/13 12:54 PM

		top bottom) ADJ block) AND @ad<"20130911"					
L1205	60	(establish establishes establishing established establishment ascertain ascertains ascertaining ascertained determine determines determining determined determination discover discovers discovering discovered discovery learn learns learning learned (find finds finding) ADJ out found certain confirm confirms confirming confirmed confirmation) WITH (lack lacks lacking lacked without) WITH ((parent child primary secondary top bottom) ADJ (application program app)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/04/13 12:54 PM
L1206	177	(network net grid web cloud LAN WAN) SAME ((lack lacks lacking lacked without) WITH ((master slave parent child primary secondary top bottom) ADJ (application program app))) AND @ad<"20130911" NOT (L1016 L1017)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/04/13 12:54 PM
L1207	2791	(network net grid web cloud LAN WAN) SAME ((lack lacks lacking lacked without) WITH ((support supports supporting supported supporter maintain maintains maintaining maintained maintanence) NEAR5 (application program app))) AND @ad<"20130911" NOT (L1016 L1017 L1018)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/04/13 12:54 PM
L1208	1721	(network net grid web cloud LAN WAN) WITH ((lack lacks lacking lacked without) WITH ((support supports supporting supported	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/04/13 12:54 PM

		supporter maintain maintains maintaining maintained maintanence) NEAR5 (application program app))) AND @ad<"20130911" NOT (L1016 L1017 L1018)					
L1209	756	(network net grid web cloud LAN WAN) WITH ((lack lacks lacking lacked without) NEAR5 ((support supports supporting supported supporter maintain maintains maintaining maintained maintanence) NEAR5 (application program app))) AND @ad<"20130911" NOT (L1016 L1017 L1018)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/04/13 12:54 PM
L1210	247	(network net grid web cloud LAN WAN) NEAR5 ((lack lacks lacking lacked without) NEAR3 ((support supports supporting supported supporter maintain maintains maintaining maintained maintanence) NEAR3 (application program app))) AND @ad<"20130911" NOT (L1016 L1017 L1018)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/04/13 12:54 PM
L1211	60	("20010050923"|"20020031212"|"20020037000"|"20020038282"|"20020042769"|"20020062285"|"20020064167"|"20020080719"|"20020087887"|"20020097150"|"20020120757"|"20020124096"|"20020143548"|"20020150110"|"20020152325"|"20020156844"|"20020166053"|"20020173303"|"20020176404"|"20020178087"|"20020184310"|"20030009565"|"20030031210"|"20030035441"|"20030043764"|"20030044020"|"20030046056"|"20030046585"|"20030061025"|"20030061481"|"20030072	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/04/13 12:54 PM

		485"|"20030076815"|"20030078858"|"20030088676"|"20030105812"|"20030110047"|"20030115251"|"20030126213"|"20030135569"|"20030137939"|"20030158722"|"20030163525"|"20030163697"|"20030172145"|"20030174707"|"20030177186"|"20030177422"|"20030187650"|"20030202480"|"20030212772"|"20030214955"|"20030217171"|"20030217318"|"20030220121"|"20030229715"|"20040005877"|"20040024879"|"20040034776"|"20040034793"|"20040039781").PN.					
L1212	110	("20040044517"|"20040052234"|"20040062267"|"20040068567"|"20040100973"|"20040103212"|"20040128554"|"20040133689"|"20040139225"|"20040139228"|"20040139230"|"20040143678"|"20040148434"|"20040153858"|"20040158471"|"20040162871"|"20040193599"|"20040203834"|"20040213184"|"20040228279"|"20040240399"|"20040249885"|"20040249953"|"20040260952"|"20040267527"|"20040267938"|"20040268257"|"20050004982"|"20050008024"|"20050015502"|"20050033843"|"20050033985"|"20050050227"|"20050071481"|"20050086309"|"20050091407"|"20050105524"|"20050119005"|"20050120073"|"20050130650"|"20050132009"|"20050136911"|"20050138119"|"20050138128"|"20050143105"|"20050144288"|"20050187781"|"20050187957"|"20050195802"|"20050198499"|"20050201357"|"20050201485"|"20050208947"|"20050220017"|"	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/04/13 12:54 PM

		20050246193"|"20050249196"|"20050254440"|"20050270992"|"20050286519"|"20060002355"|"20060062180"|"20060069775"|"20060072506"|"20060120375"|"20060121902"|"20060121986"|"20060148516"|"20060165029"|"20060168643"|"20060171534"|"20060182100"|"20060183476"|"20060187926"|"20060195402"|"20060203750"|"20060205436"|"20060218624"|"20060230166"|"20060233117"|"20060246903"|"20060258289"|"20070016921"|"20070019545"|"20070025270"|"20070078785"|"20070082671"|"20070110043"|"20070111794"|"20070116224"|"20070130253"|"20070136459"|"20070165629"|"20070190987"|"20070206563"|"20070239892"|"20070253435"|"20070260359"|"20070274276"|"20070280253"|"20070294626"|"20070297430"|"20080005328"|"20080019285"|"20080032695"|"20080046984"|"20080069105"|"20080080392"|"20080091813"|"20080123685"|"20080130639").PN.					
L1213	130	("20080168440"|"20080192756"|"20080235362"|"20080235511"|"20080244718"|"20080250408"|"20080273541"|"20080320096"|"20080320565"|"20090003322"|"20090006076"|"20090052399"|"20090055473"|"20090088150"|"20090136016"|"20090156217"|"20090182815"|"20090192976"|"20090234967"|"20090240821"|"20090257433"|"20090300673"|"20090327516"|"20100011108"|"20100011111"|"20100049980"|"20100058353"|"201000770	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/04/13 12:54 PM

		23"|"20100107205"|"20100174783"|"20100191954"|"20100223047"|"20100279670"|"20100299150"|"20100299313"|"20100312832"|"20100312897"|"20110040836"|"20110099612"|"20110122864"|"20110141220"|"20110145687"|"20110307556"|"20110314134"|"20110320821"|"20120078609"|"20120124191"|"20120263144"|"20130067004"|"20130106989"|"20130111064"|"20130125145"|"20150026700"|"5442637"|"5761309"|"5790637"|"5818447"|"5889762"|"6031818"|"6128283"|"6141687"|"6161082"|"6195694"|"6202084"|"6219638"|"6298129"|"6311150"|"6343067"|"6360196"|"6389016"|"6438376"|"6473425"|"6574668"|"6606112"|"6741691"|"6754181"|"6766373"|"6826613"|"6836765"|"6842460"|"6850769"|"6898413"|"6912278"|"6940826"|"6963555"|"6975718"|"6987756"|"6999575"|"6999932"|"7006508"|"7010109"|"7013155"|"7079529"|"7080158"|"7092385"|"7117526"|"7123710"|"7184415"|"7185114"|"7272377"|"7302496"|"7304985"|"7345999"|"7346044"|"7353252"|"7353255"|"7412374"|"7457279"|"7477282"|"7487248"|"7512652"|"7542472"|"7564843"|"7570743"|"7574523"|"7590758"|"7613171"|"7623476"|"7623516"|"7656870"|"7664495"|"7769881"|"7774495"|"7778187"|"7782866"|"7917584"|"8009586"|"8065418"|"8200796"|"8407576").PN.					
L1214	37	("20010050923"|"20020143548"|"20020156844"|"20030202480"|"20040034776"|"2004010321	(USPAT; USOCR)	OR	ON	ON	2022/04/13 12:54 PM

		2"|"20050130650"|"200 50132009"|"200501984 99"|"20050201485"|"20 060168643"|"20060258 289"|"20070136459"|"2 0070165629"|"2007020 6563"|"20070297430"|" 20080273541"|"200900 52399"|"20090240821"| "20090327516"|"20110 122864"|"20110314134 "|"6128283"|"7079529"|" 7092385"|"7487248"|"7 623476"|"20030177422 "|"20050033985"|"2005 0091407"|"6850769"|"7 304985"|"20020037000 "|"20020064167"|"2003 0110047"|"2003017214 5"|"20030214955"|"200 40139230"|"200401538 58"|"20040268257"|"20 050136911"|"20050138 128"|"20060072506"|"2 0060120375"|"2007008 2671"|"20070130253"|" 20110145687"|"621963 8"|"6754181"|"6999575" |"7185114"|"7590758"|" 7623516"|"7774495"|"2 0030035441"|"2003007 6815"|"20030217171"|" 20040260952"|"200500 50227"|"5442637"|"588 9762"|"6343067"|"7080 158"|"20020031212"|"2 0020062285"|"2003004 6585"|"20040052234"|" 20040139228"|"200402 67527"|"20050187781"| "20060121902"|"20060 171534"|"20060187926 "|"20070253435"|"2008 0032695"|"2008016844 0"|"20090055473"|"201 00049980"|"201001072 05"|"20100312897"|"20 110099612"|"20120263 144"|"6141687"|"68984 13"|"7010109"|"734599 9"|"7457279"|"7542472" |"7570743"|"8065418"|" 20020080719"|"200201 76404"|"20030031210"| "20030115251"|"20070 016921"|"6836765"|"20 020042769"|"20020124 096"|"20030009565"|"2					

		0030043764"|"2003010 5812"|"20040128554"|" 20050004982"|"200501 20073"|"20050220017"| "20060062180"|"20060 182100"|"20060205436 "|"20070019545"|"2008 0091813"|"2008013063 9"|"20090003322"|"200 90156217"|"200902349 67"|"20090257433"|"20 100011108"|"20100011 111"|"20100279670"|"2 0100299150"|"2010029 9313"|"7346044"|"7353 252"|"7574523"|"76568 70"|"20020087887"|"20 020120757"|"20020184 310"|"20030046056"|"2 0030163697"|"2004003 4793"|"20050195802"|" 20070110043"|"200803 20096"|"6987756"|"718 4415"|"7272377"|"7412 374"|"7477282"|"75126 52"|"20020097150"|"20 020152325"|"20030088 676"|"20030126213"|"2 0030158722"|"2003016 3525").PN.					
L1215	36	("20030187650"|"20040 024879"|"20040068567 "|"20040203834"|"2004 0240399"|"2005007148 1"|"20050143105"|"200 50246193"|"200600023 55"|"20060069775"|"20 060203750"|"20070025 270"|"20070190987"|"2 0070260359"|"2008012 3685"|"20080250408"|" 20100077023"|"696355 5"|"6975718"|"7006508" |"7013155"|"7564843"|" 7782866"|"2004010097 3"|"20040158471"|"200 40162871"|"200402282 79"|"20040267938"|"20 050008024"|"20050286 519"|"20080192756"|"6 766373"|"7613171"|"20 020173303"|"20030078 858"|"20030212772"|"2 0040005877"|"2004024 9953"|"20050033843"|" 20050105524"|"200502 70992"|"20070078785"| "20070111794"|"20070	(USPAT; USOCR)	OR	ON	ON	2022/04/13 12:54 PM

		239892"|"20080019285"|"20080080392"|"20090136016"|"6298129"|"6360196"|"6826613"|"7117526"|"7302496"|"7664495"|"7778187"|"8009586"|"20020166053"|"20030044020"|"20030072485"|"20030174707"|"20050119005"|"20050249196"|"20090192976"|"6999932"|"7353255"|"20020150110"|"20040039781"|"20040044517"|"20040062267"|"20040148434"|"20040213184"|"20050015502"|"20050144288"|"20050201357"|"20060195402"|"20060218624"|"20060230166"|"20070116224"|"20070274276"|"20080005328"|"20090182815"|"20100312832"|"20110040836"|"5761309"|"6202084"|"6389016"|"6438376"|"6741691"|"6940826"|"7769881"|"20030137939"|"20040139225"|"20060183476"|"20060246903"|"20080069105"|"6031818"|"6311150"|"6574668"|"6842460"|"20020038282"|"20030061025"|"20030061481"|"20030135569"|"20030177186"|"20030217318"|"20030229715"|"20040133689"|"20040143678"|"20050187957"|"20050208947"|"20050254440"|"20060121986"|"20060165029"|"20080235362"|"20080235511"|"20090006076"|"20090088150"|"20090300673"|"20100223047"|"5818447"|"6161082"|"6912278"|"7123710"|"7917584"|"20020020178087"|"20030220121"|"20050086309"|"20050138119"|"20060148516"|"5790637"|"6473425").PN.					
L1216	311	("20010050923"|"20020143548"|"20020156844"|"20030202480"|"20040034776"|"2004010321	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/04/13 12:54 PM

		2"|"20050130650"|"200 50132009"|"200501984 99"|"20050201485"|"20 060168643"|"20060258 289"|"20070136459"|"2 0070165629"|"2007020 6563"|"20070297430"|" 20080273541"|"200900 52399"|"20090240821"| "20090327516"|"20110 122864"|"20110314134 "|"6128283"|"7079529"|" 7092385"|"7487248"|"7 623476"|"20030177422 "|"20050033985"|"2005 0091407"|"6850769"|"7 304985"|"20020037000 "|"20020064167"|"2003 0110047"|"2003017214 5"|"20030214955"|"200 40139230"|"200401538 58"|"20040268257"|"20 050136911"|"20050138 128"|"20060072506"|"2 0060120375"|"2007008 2671"|"20070130253"|" 20110145687"|"621963 8"|"6754181"|"6999575" |"7185114"|"7590758"|" 7623516"|"7774495"|"2 0030035441"|"2003007 6815"|"20030217171"|" 20040260952"|"200500 50227"|"5442637"|"588 9762"|"6343067"|"7080 158"|"20020031212"|"2 0020062285"|"2003004 6585"|"20040052234"|" 20040139228"|"200402 67527"|"20050187781"| "20060121902"|"20060 171534"|"20060187926 "|"20070253435"|"2008 0032695"|"2008016844 0"|"20090055473"|"201 00049980"|"201001072 05"|"20100312897"|"20 110099612"|"20120263 144"|"6141687"|"68984 13"|"7010109"|"734599 9"|"7457279"|"7542472" |"7570743"|"8065418"|" 20020080719"|"200201 76404"|"20030031210"| "20030115251"|"20070 016921"|"6836765"|"20 020042769"|"20020124 096"|"20030009565"|"2					

		0030043764"|"2003010 5812"|"20040128554"|" 20050004982"|"200501 20073"|"20050220017"| "20060062180"|"20060 182100"|"20060205436 "|"20070019545"|"2008 0091813"|"2008013063 9"|"20090003322"|"200 90156217"|"200902349 67"|"20090257433"|"20 100011108"|"20100011 111"|"20100279670"|"2 0100299150"|"2010029 9313"|"7346044"|"7353 252"|"7574523"|"76568 70"|"20020087887"|"20 020120757"|"20020184 310"|"20030046056"|"2 0030163697"|"2004003 4793"|"20050195802"|" 20070110043"|"200803 20096"|"6987756"|"718 4415"|"7272377"|"7412 374"|"7477282"|"75126 52"|"20020097150"|"20 020152325"|"20030088 676"|"20030126213"|"2 0030158722"|"2003016 3525").PN.					
L1217	36	("20030187650"|"20040 024879"|"20040068567 "|"20040203834"|"2004 0240399"|"2005007148 1"|"20050143105"|"200 50246193"|"200600023 55"|"20060069775"|"20 060203750"|"20070025 270"|"20070190987"|"2 0070260359"|"2008012 3685"|"20080250408"|" 20100077023"|"696355 5"|"6975718"|"7006508" |"7013155"|"7564843"|" 7782866"|"2004010097 3"|"20040158471"|"200 40162871"|"200402282 79"|"20040267938"|"20 050008024"|"20050286 519"|"20080192756"|"6 766373"|"7613171"|"20 020173303"|"20030078 858"|"20030212772"|"2 0040005877"|"2004024 9953"|"20050033843"|" 20050105524"|"200502 70992"|"20070078785"| "20070111794"|"20070	(USPAT; USOCR)	OR	ON	ON	2022/04/13 12:54 PM

		239892"|"20080019285"|"20080080392"|"20090136016"|"6298129"|"6360196"|"6826613"|"7117526"|"7302496"|"7664495"|"7778187"|"8009586"|"20020166053"|"20030044020"|"20030072485"|"20030174707"|"20050119005"|"20050249196"|"20090192976"|"6999932"|"7353255"|"20020150110"|"20040039781"|"20040044517"|"20040062267"|"20040148434"|"20040213184"|"20050015502"|"20050144288"|"20050201357"|"20060195402"|"20060218624"|"20060230166"|"20070116224"|"20070274276"|"20080005328"|"20090182815"|"20100312832"|"20110040836"|"5761309"|"6202084"|"6389016"|"6438376"|"6741691"|"6940826"|"7769881"|"20030137939"|"20040139225"|"20060183476"|"20060246903"|"20080069105"|"6031818"|"6311150"|"6574668"|"6842460"|"20020038282"|"20030061025"|"20030061481"|"20030135569"|"20030177186"|"20030217318"|"20030229715"|"20040133689"|"20040143678"|"20050187957"|"20050208947"|"20050254440"|"20060121986"|"20060165029"|"20080235362"|"20080235511"|"20090006076"|"20090088150"|"20090300673"|"20100223047"|"5818447"|"6161082"|"6912278"|"7123710"|"7917584"|"20020020178087"|"20030220121"|"20050086309"|"20050138119"|"20060148516"|"5790637"|"6473425").PN.					
L1218	286	("20030187650"|"20040024879"|"20040068567"|"20040203834"|"20040240399"|"2005007148	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/04/13 12:54 PM

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PE2E SEARCH - Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
N34	12	719/313,319,329.ccls.	(US-PGPUB; USPAT)	OR	OFF	OFF	2015/03/16 11:01 AM
N35	23	719/313,319,329.ccls. G06F9/54 G06F9/541 G06F9/542 NOT N34	(US-PGPUB; USPAT)	OR	OFF	OFF	2015/03/16 11:15 AM
N125	4	function ADJ block WITH mobile WITH superblock	(US-PGPUB; USPAT)	OR	ON	ON	2016/06/13 09:27 AM
N126	2	function ADJ block WITH notifying WITH superblock	(US-PGPUB; USPAT)	OR	ON	ON	2016/06/13 09:29 AM
N127	2	switching ADJ context WITH establishing WITH superblock	(US-PGPUB; USPAT)	OR	ON	ON	2016/06/13 09:30 AM
N210	23	audio/video NEAR3 functionality WITH block	(US-PGPUB; USPAT)	OR	ON	ON	2016/12/22 09:43 AM
N211	4	superblock NEAR5 audio/video	(US-PGPUB; USPAT)	OR	ON	ON	2016/12/22 09:44 AM
N212	1	A/V ADJ service WITH superblock	(US-PGPUB; USPAT)	OR	ON	ON	2016/12/22 09:45 AM
N213	0	provide ADJ audio WITH service	(US-PGPUB; USPAT)	OR	ON	ON	2016/12/22 09:46 AM
N214	12	719/313,319,329.ccls.	(US-PGPUB; USPAT)	OR	OFF	OFF	2015/03/16 11:01 AM
N215	23	719/313,319,329.ccls. G06F9/54 G06F9/541 G06F9/542 NOT N214	(US-PGPUB; USPAT)	OR	OFF	OFF	2015/03/16 11:15 AM
N216	4	function ADJ block WITH mobile WITH superblock	(US-PGPUB; USPAT)	OR	ON	ON	2016/06/13 09:27 AM
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N218	2	switching ADJ context WITH establishing WITH superblock	(US-PGPUB; USPAT)	OR	ON	ON	2016/06/13 09:30 AM
N219	23	audio/video NEAR3 functionality WITH block	(US-PGPUB; USPAT)	OR	ON	ON	2016/12/22 09:43 AM
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N231	0	provide ADJ audio WITH service	(US-PGPUB; USPAT)	OR	ON	ON	2016/12/22 09:46 AM

Bibliographic Data

Application No: 17/109,488

Foreign Priority claimed: ○ Yes ◉ No

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

Verified and Acknowledged: /CRAIG C DORAIS/ (Examiner's Signature) | (Initials)

Title: SYSTEM AND METHOD FOR PROVIDING ADDITIONAL FUNCTIONALITY TO EXISTING SOFTWARE IN AN INTEGRATED MANNER

FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
12/02/2020	719	2194	
RULE			

APPLICANTS

DAMAKA, INC., Richardson, TX, UNITED STATES

INVENTORS

Sivakumar CHATURVEDI, Allen, TX, UNITED STATES

Satish GUNDABATHULA, Irving, TX, UNITED STATES

Rashmi HIREMATH, Allen, TX, UNITED STATES

CONTINUING DATA

This application is a CON of 16543689 08/19/2019 PAT 10863357

16543689 is a CON of 15431046 02/13/2017 PAT 10387220

15431046 is a CON of 15297328 10/19/2016 PAT 9578092

15297328 is a CON of 15049891 02/22/2016 PAT 9491233

15049891 is a CON of 14690619 04/20/2015 PAT 9270744

14690619 is a CON of 14024027 09/11/2013 PAT 9027032

14024027 has PRO of 61846958 07/16/2013

FOREIGN APPLICATIONS

IF REQUIRED, FOREIGN LICENSE GRANTED**

01/08/2021

**** SMALL ENTITY ****

STATE OR COUNTRY

UNITED STATES

ADDRESS

FILING FEE RECEIVED

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PTO/SB/06 (09-11)
Approved for use through 1/31/2014. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 17/109,488	Filing Date 12/02/2020	☐ To be Mailed

ENTITY: ☐ LARGE ☑ SMALL ☐ MICRO

APPLICATION AS FILED - PART I

	(Column 1)	(Column 2)			
FOR	NUMBER FILED	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 $50 =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*		x $240 =	
☐ 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	07/20/2022	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 20	Minus	** 20	= 0		x $50 =	0
	Independent (37 CFR 1.16(h))	* 2	Minus	*** 3	= 0		x $240 =	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".	/KIM R WATSON/
*** 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.**

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

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	Sivakumar CHATURVEDI
Serial No.:	17/109,488
Confirmation No.:	2483
Filed:	December 2, 2020
Group:	2194
Examiner:	Craig C. DORAIS
For:	SYSTEM AND METHOD FOR PROVIDING ADDITIONAL FUNCTIONALITY TO EXISTING SOFTWARE IN AN INTEGRATED MANNER

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

Dear Sir:

AMENDMENT AND RESPONSE TO OFFICE ACTION

This communication is responsive to the Examiner's Office Action dated April 20, 2022. Reconsideration is respectfully requested.

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

Remarks/Arguments begin on page 6 of this paper.

In the Claims

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

1. (Canceled)

2. (New) A non-transitory computer readable medium embodying a computer program for operating an electronic device including at least one processor, the computer program comprising instructions that include a function block and a superblock application, wherein the function block is accessible only to the superblock application on the electronic device, and wherein the function block is operative when executed by the at least one processor to:

establish a connection with an external device via a network interface to provide a service requested by the superblock application without switching context from the superblock application to another application on the electronic device.

3. (New) The non-transitory computer readable medium of claim 2 wherein the function block is further operative when executed by the processor to:

receive from the superblock application a request for the service, wherein the service is a communication session, and wherein the function block is configured to provide functionality for the communication session to the superblock application; and

notify the superblock application that the communication session is being requested.

4. (New) The non-transitory computer readable medium of claim 3 wherein the steps of receiving, notifying, and establishing are performed without switching context from the superblock application to another application on the electronic device.

5. (New) The non-transitory computer readable medium of claim 3 wherein the function block is further operative when executed by the processor to determine whether the function block has a capability to perform any rendering needed by the communication session.

6. (New) The non-transitory computer readable medium of claim 2 wherein the

function block is further operative when executed by the processor to enable a user of the electronic device to collaborate on at least one of a document, a file, or an application with a user on another electronic device.

7. (New) The non-transitory computer readable medium of claim 2 wherein the function block is further operative when executed by the processor to provide at least one configuration parameter for the function block, wherein the configuration parameter enables the function block to be configured after the function block is distributed as part of the superblock application.

8. (New) The non-transitory computer readable medium of claim 2 wherein the function block is further operative when executed by the processor to determine that the superblock application is authorized to access functionality provided by the function block for the service.

9. (New) The non-transitory computer readable medium of claim 2 wherein the function block is further operative when executed by the processor to provide authorization credentials to access the service, where the authorization credentials are received by the function block from the superblock application.

10. (New) The non-transitory computer readable medium of claim 2 wherein the function block is further operative when executed by the processor to receive a request for the service from the superblock application as an application programming interface (API) call from the superblock application to the function block.

11. (New) The non-transitory computer readable medium of claim 2 wherein the function block is further operative when executed by the processor to determine whether the service is available on the external device.

12. (New) A method implemented in a function block associated with an electronic device having a network interface, comprising:

accessing a resource via the network interface to provide a service to a superblock application on the electronic device, wherein the service is not otherwise supported by the superblock application, and wherein the function block is accessible only to the superblock application on the electronic device; and

providing the service to the superblock application without switching context from the superblock application to another application on the electronic device.

13. (New) The method of claim 12, further comprising determining that the superblock application is authorized to access the service.

14. (New) The method of claim 12, further comprising determining that the service requires access to the resource, wherein the resource is external to the electronic device.

15. (New) The method of claim 12, further comprising operating as a bridge between the superblock application and the resource.

16. (New) The method of claim 12, further comprising initializing the function block when the superblock application is loaded and executed.

17. (New) The method of claim 12, further comprising providing at least one configuration parameter for the function block, wherein the configuration parameter enables the function block to be configured after the function block is distributed as part of the superblock application.

18. (New) The method of claim 12, further comprising determining whether the function block is capable of performing any rendering needed by the service.

19. (New) The method of claim 12, further comprising enabling a user of the electronic device to collaborate on at least one of a document, a file, or an application with a user on another

electronic device.

20. (New) The method of claim 12, further comprising receiving a request for the service from the superblock application, wherein the request is received as an application programming interface (API) call from the superblock application to the function block.

21. (New) The method of claim 12, further comprising determining whether the resource is available.

REMARKS

Applicant has carefully reviewed the Office Action dated April 20, 2022. Applicant has canceled Claim 1 and added new Claims 2-21. Reconsideration and favorable action are respectfully requested.

Double Patenting Rejection

Claim 1 stands rejected under statutory double patenting over claim 1 of U.S. Patent No. 9,578,092. Applicant has canceled Claim 1 and added new Claims 2-21. Applicant respectfully submits that new Claims 2-21 overcome the statutory double patenting rejection.

For at least these reasons, Applicant respectfully submits that Claims 2-21 are allowable, and Applicant respectfully requests withdrawal of the statutory double patenting rejection.

CONCLUSION

Applicant has now made an earnest attempt in order to place this case in condition for allowance. For the reasons stated above, Applicant respectfully requests full allowance of the claims as amended.

If any issues arise, or if the Examiner has any suggestions for expediting allowance of this Application, the Applicant respectfully invites the Examiner to contact the undersigned at the telephone number indicated below or at kharden@munckwilson.com.

Recognizing that Internet communications are not secure, Applicant hereby authorizes the USPTO to communicate with the undersigned and practitioners in accordance with 37 CFR 1.33 and 37 CFR 1.34 concerning any subject matter of this application by video conferencing, instant messaging, or electronic mail. Applicant understands that a copy of these communications will be made of record in the application file.

Please charge any additional fees or deficiencies in fees or credit any overpayment to Deposit Account No. 50-0208/DAMA60-35048.

Respectfully submitted,
MUNCK WILSON MANDALA, LLP
Attorneys for Applicant

/Keith D. Harden, Reg. #74472/
Keith D. Harden
Registration No. 74,472

KDH/als

P.O. Drawer 800889
Dallas, Texas 75380
Tel: 972-628-3600
Fax: 972-628-3616
July 20, 2022

Electronic Acknowledgement Receipt

EFS ID:	46228998
Application Number:	17109488
International Application Number:	
Confirmation Number:	2483
Title of Invention:	SYSTEM AND METHOD FOR PROVIDING ADDITIONAL FUNCTIONALITY TO EXISTING SOFTWARE IN AN INTEGRATED MANNER
First Named Inventor/Applicant Name:	Sivakumar CHATURVEDI
Customer Number:	25883
Filer:	Keith D. Harden
Filer Authorized By:	
Attorney Docket Number:	DAMA60-35048
Receipt Date:	20-JUL-2022
Filing Date:	02-DEC-2020
Time Stamp:	09:49:32
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		DAM35048AMD.pdf	92858 fbec14022c1dcd538e00f5df5fd0034e7067ac5a	yes	7

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Amendment/Request for Reconsideration-After Non-Final Rejection	1	1
	Claims	2	5
	Applicant Arguments/Remarks Made in an Amendment	6	7
Warnings:			
Information:			
	Total Files Size (in bytes):	92858	

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.

Doc Code: DIST.E.FILE **Document Description: Electronic Terminal Disclaimer - Filed**	PTO/SB/26 U.S. Patent and Trademark Office Department of Commerce

Electronic Petition Request	**TERMINAL DISCLAIMER TO OBVIATE A DOUBLE PATENTING REJECTION OVER A "PRIOR" PATENT**
Application Number	17109488
Filing Date	02-Dec-2020
First Named Inventor	Sivakumar CHATURVEDI
Attorney Docket Number	DAMA60-35048
Title of Invention	SYSTEM AND METHOD FOR PROVIDING ADDITIONAL FUNCTIONALITY TO EXISTING SOFTWARE IN AN INTEGRATED MANNER

☒ Filing of terminal disclaimer does not obviate requirement for response under 37 CFR 1.111 to outstanding Office Action

☒ This electronic Terminal Disclaimer is not being used for a Joint Research Agreement.

Owner	Percent Interest
DAMAKA, INC.	100%

The owner(s) with percent interest listed above in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term of prior patent number(s)

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10863357

9027032

9270744

as the term of said prior patent is presently shortened by any terminal disclaimer. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the prior patent are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of the term of any patent granted on the instant application that would extend to the expiration date of the full statutory term of the prior patent, "as the term of said prior patent is presently shortened by any terminal disclaimer," in the event that said prior patent later:
- expires for failure to pay a maintenance fee;
- is held unenforceable;
- is found invalid by a court of competent jurisdiction;
- is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321;
- has all claims canceled by a reexamination certificate;
- is reissued; or
- is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.

(●) Terminal disclaimer fee under 37 CFR 1.20(d) is included with Electronic Terminal Disclaimer request.

( ) I certify, in accordance with 37 CFR 1.4(d)(4), that the terminal disclaimer fee under 37 CFR 1.20(d) required for this terminal disclaimer has already been paid in the above-identified application.

Applicant claims the following fee status:

(●) Small Entity

( ) Micro Entity

( ) Regular Undiscounted

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

THIS PORTION MUST BE COMPLETED BY THE SIGNATORY OR SIGNATORIES

I certify, in accordance with 37 CFR 1.4(d)(4) that I am:

(●) An attorney or agent registered to practice before the Patent and Trademark Office who is of record in this application

Registration Number 74472

( ) A sole inventor

( ) A joint inventor; I certify that I am authorized to sign this submission on behalf of all of the inventors as evidenced by the power of attorney in the application

( ) A joint inventor; all of whom are signing this request

Signature	/Keith D. Harden, Reg. #74472/
Name	Keith D. Harden

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

Electronic Patent Application Fee Transmittal

Application Number:	17109488
Filing Date:	02-Dec-2020
Title of Invention:	SYSTEM AND METHOD FOR PROVIDING ADDITIONAL FUNCTIONALITY TO EXISTING SOFTWARE IN AN INTEGRATED MANNER
First Named Inventor/Applicant Name:	Sivakumar CHATURVEDI
Filer:	Keith D. Harden
Attorney Docket Number:	DAMA60-35048

Filed as Small Entity

Filing Fees for Utility under 35 USC 111(a)

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
STATUTORY OR TERMINAL DISCLAIMER	2814	1	170	170
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Extension-of-Time:				
Miscellaneous:				
		Total in USD ($)		**170**

Doc Code: DISQ.E.FILE
Document Description: Electronic Terminal Disclaimer – Approved

Application No.: 17109488

Filing Date: 02-Dec-2020

Applicant/Patent under Reexamination: CHATURVEDI

Electronic Terminal Disclaimer filed on September 28, 2022

☒ APPROVED

This patent is subject to a terminal disclaimer

☐ DISAPPROVED

Approved/Disapproved by: Electronic Terminal Disclaimer automatically approved by EFS-Web

U.S. Patent and Trademark Office

Electronic Acknowledgement Receipt	
EFS ID:	46709023
Application Number:	17109488
International Application Number:	
Confirmation Number:	2483
Title of Invention:	SYSTEM AND METHOD FOR PROVIDING ADDITIONAL FUNCTIONALITY TO EXISTING SOFTWARE IN AN INTEGRATED MANNER
First Named Inventor/Applicant Name:	Sivakumar CHATURVEDI
Customer Number:	25883
Filer:	Keith D. Harden
Filer Authorized By:	
Attorney Docket Number:	DAMA60-35048
Receipt Date:	28-SEP-2022
Filing Date:	02-DEC-2020
Time Stamp:	10:47:59
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	$170
RAM confirmation Number	E20229RA47571679
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.)
1	Terminal Disclaimer-Filed (Electronic)	eTerminal-Disclaimer.pdf	43668 e6cade94cd5b62ea164440afe988892dfe11961f	no	3
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	38064 1184eb7f727dc2b22cae4f4d5627bf5ccbf9a69b	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	81732		

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

25883 7590 10/05/2022

MUNCK WILSON MANDALA L.L.P
P.O. Drawer 800889
DALLAS, TX 75380

EXAMINER	
DORAIS, CRAIG C	
ART UNIT	PAPER NUMBER
2194	

DATE MAILED: 10/05/2022

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/109,488	12/02/2020	Sivakumar CHATURVEDI	DAMA60-35048	2483

TITLE OF INVENTION: SYSTEM AND METHOD FOR PROVIDING ADDITIONAL FUNCTIONALITY TO EXISTING SOFTWARE IN AN INTEGRATED MANNER

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	$600	$0.00	$0.00	$600	01/05/2023

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. 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.

PTOL-85 (Rev. 02/11)

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)

25883 7590 10/05/2022
MUNCK WILSON MANDALA L.L.P
P.O. Drawer 800889
DALLAS, TX 75380

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.
17/109,488	12/02/2020	Sivakumar CHATURVEDI	DAMA60-35048	2483

TITLE OF INVENTION: SYSTEM AND METHOD FOR PROVIDING ADDITIONAL FUNCTIONALITY TO EXISTING SOFTWARE IN AN INTEGRATED MANNER

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	$600	$0.00	$0.00	$600	01/05/2023

EXAMINER	ART UNIT	CLASS-SUBCLASS
DORAIS, CRAIG C	2194	719-313000

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/AIA/122 or PTO/SB/122) attached.

❑ "Fee Address" indication (or "Fee Address" Indication form PTO/AIA/47 or PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list
(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,
(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
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/109,488	12/02/2020	Sivakumar CHATURVEDI	DAMA60-35048	2483

25883 7590 10/05/2022

MUNCK WILSON MANDALA L.L.P
P.O. Drawer 800889
DALLAS, TX 75380

EXAMINER	
DORAIS, CRAIG C	
ART UNIT	PAPER NUMBER
2194	

DATE MAILED: 10/05/2022

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. 17/109,488	Applicant(s) CHATURVEDI et al.	
	Examiner CRAIG C DORAIS	Art Unit 2194	AIA (FITF) Status Yes

-- 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 07/20/2022.
   ☐ 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 2-21 . 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. 20220928.
5. ☑ Examiner's Amendment/Comment
6. ☑ Examiner's Statement of Reasons for Allowance
7. ☐ Other _____.

/CRAIG C DORAIS/
Primary Examiner, Art Unit 2194

DETAILED ACTION

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

2. This Office Action is in response to communications received 07/20/2022.

3. Claims 2 – 21 are allowed.

EXAMINER'S AMENDMENT

4. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

5. Authorization for this examiner's amendment was given in a telephonic conversation with Keith Harden on September 27, 2022.

Claims:

2. (Currently Amended) A non-transitory computer readable medium embodying a computer program ~~for operating an electronic device including at least one processor, the computer program~~ comprising instructions that include a function block and a superblock application, wherein the function block is accessible only to the superblock application on [[the]]an electronic device, and wherein the function block is operative when executed by ~~the at least one~~ a processor of the electronic device to:

establish a connection with an external device via a network interface to provide a service requested by the superblock application without switching context from the superblock application to another application on the electronic device.

Reasons for Allowance

6. The following is an examiner's statement of reasons for allowance: Independent claim 2 (and similarly, independent claims 12), when considered as a whole, is allowable over the prior art of record. Specifically, the prior art of record fails to clearly teach or fairly suggest the combination of the following limitations, as recited in independent claim 2 (and similarly recited in independent claims 12):

> establish a connection with an external device via a network interface to provide a service requested by the superblock application without switching context from the superblock application to another application on the electronic device.

Conclusion

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to CRAIG C DORAIS whose telephone number is (571)270-3371. The examiner can normally be reached M-S 6:00 - 10:00am.

8. Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at http://www.uspto.gov/interviewpractice.

9. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hyung Sough can be reached on 571-272-6799. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

10. Information regarding the status of published or unpublished applications may be obtained from Patent Center. Unpublished application information in Patent Center is available

to registered users. To file and manage patent submissions in Patent Center, visit: https://patentcenter.uspto.gov. Visit https://www.uspto.gov/patents/apply/patent-center for more information about Patent Center and https://www.uspto.gov/patents/docx for information about filing in DOCX format. For additional questions, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/CRAIG C DORAIS/
Primary Examiner, Art Unit 2194

Examiner-Initiated Interview Summary	**Application No.** 17/109,488	**Applicant(s)** CHATURVEDI et al.		
	Examiner CRAIG C DORAIS	**Art Unit** 2194	**AIA (First Inventor to File) Status** Yes	**Page** 1 of 1

All Participants (applicant, applicants representative, PTO personnel)	**Title**	**Type**
CRAIG C DORAIS	Primary Examiner	Telephonic
KEITH D HARDEN	Attorney of Record	

Date of Interview: 27 September 2022

Issues Discussed:

35 U.S.C. 112

Discussed amending the claims to overcome formal matters to place the application in a condition for allowance. This was agreed to in a subsequent communication.

Non-statutory Double Patenting

Discussed filing a terminal disclaimer to place the application in a condition for allowance. This was agreed to and the terminal disclaimer was filed and approved.

/CRAIG C DORAIS/ Primary Examiner, Art Unit 2194	

Applicant is reminded that a complete written statement as to the substance of the interview must be made of record in the application file. It is the applicants responsibility to provide the written statement, unless the interview was initiated by the Examiner and the Examiner has indicated that a written summary will be provided. See MPEP 713.04
Please further see:
MPEP 713.04
Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews, paragraph (b)
37 CFR § 1.2 Business to be transacted in writing

Applicant recordation instructions: It is not necessary for applicant to provide a separate record of the substance of interview.

Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	17/109,488	CHATURVEDI et al.
	Examiner	Art Unit
	CRAIG C DORAIS	2194

CPC - Searched*		
Symbol	Date	Examiner

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.

Search Notes		
Search Notes	Date	Examiner
Refreshed parent search. New search for IDS references. CPC and CPC and keyword searches. See attached.	04/13/2022	CD
New CPC and CPC and keyword searches. New Scholar searches. See attached.	09/28/2022	CD

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner
	Keyword search as per MPEP 1302.08. See attached.	09/28/2022	CD

/CRAIG C DORAIS/ Primary Examiner, Art Unit 2194	

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	17/109,488	CHATURVEDI et al.
	Examiner	**Art Unit**
	CRAIG C DORAIS	2194

CPC							
Symbol						**Type**	**Version**
H04W	/	12	/	08		F	2013-01-01
G06F	/	9	/	54		I	2013-01-01
G06F	/	9	/	542		I	2013-01-01
G06F	/	9	/	541		I	2013-01-01
H04N	/	7	/	141		I	2013-01-01
H04L	/	65	/	1069		I	2013-01-01
H04L	/	65	/	1089		I	2013-01-01
G06F	/	9	/	44526		I	2013-01-01
H04M	/	1	/	724		I	2021-01-01
H04L	/	67	/	60		I	2022-05-01
G06F	/	15	/	167		I	2013-01-01
H04L	/	67	/	10		I	2013-01-01
G06F	/	21	/	00		I	2013-01-01
H04L	/	41	/	20		I	2013-01-01
H04L	/	41	/	28		I	2013-01-01
H04L	/	65	/	60		I	2013-01-01
H04L	/	63	/	0457		A	2013-01-01
H04N	/	2007	/	145		A	2013-01-01

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

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	20	
/CRAIG C DORAIS/ Primary Examiner, Art Unit 2194	28 September 2022	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	12	10

U.S. Patent and Trademark Office — Part of Paper No.: 20220928

Ex.1002 / Page 622 of 967
Cisco Systems, Inc.

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	17/109,488	CHATURVEDI et al.
	Examiner	**Art Unit**
	CRAIG C DORAIS	2194

INTERNATIONAL CLASSIFICATION				
CLAIMED				
G06F	/	9	/	54

NON-CLAIMED				
	/		/	

US ORIGINAL CLASSIFICATION	
CLASS	**SUBCLASS**

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

NONE (Assistant Examiner)	(Date)	**Total Claims Allowed:** 20	
/CRAIG C DORAIS/ Primary Examiner, Art Unit 2194 (Primary Examiner)	28 September 2022 (Date)	O.G. Print Claim(s) 12	O.G. Print Figure 10

U.S. Patent and Trademark Office — Part of Paper No.: 20220928

Ex.1002 / Page 623 of 967
Cisco Systems, Inc.

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	17/109,488	CHATURVEDI et al.
	Examiner	**Art Unit**
	CRAIG C DORAIS	2194

☐ 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	9	10	18	19										
1	2	10	11	19	20										
2	3	11	12	20	21										
3	4	121	13												
4	5	13	14												
5	6	14	15												
6	7	15	16												
7	8	16	17												
8	9	17	18												

NONE		**Total Claims Allowed:**	
(Assistant Examiner)	(Date)	20	
/CRAIG C DORAIS/ Primary Examiner, Art Unit 2194	28 September 2022	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	12	10

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Ex.1002 / Page 624 of 967
Cisco Systems, Inc.

Stakeholders' Interests in Developing an Energy Ecosystem for the **Superblock**—Case Hiedanranta

T Joensuu, M Norvasuo, H Edelman - Sustainability, 2019 - mdpi.com

... , the Barcelona **superblock** concept differed from original implementations in the **application** of a ... -end streets in the original **superblock** concept with one-way streets **without** dead-ends. ...

☆ Save 99 Cite Cited by 3 Related articles All 8 versions »

{I/O} Stack Optimization for Smartphones

S Jeong, K Lee, S Lee, S Son, Y Won - 2013 USENIX Annual Technical ..., 2013 - usenix.org

... The **application** performance of a smartphone is **not** ... B+ tree logs and synchronizes the **superblock** to the storage at the end... We observed that the number of voluntary **context switches** is ...

☆ Save 99 Cite Cited by 176 Related articles All 6 versions »

MTCrossBit: A dynamic binary translation system based on multithreaded optimization

HB Guan, RH Ma, HB Yang, YD Yang, L Liu... - Science China ..., 2011 - Springer

... Indeed, **not** only CrossBit but also MTCrossBit also choose TCache to achieve even fewer ... counters and **context switches**. In CrossBit, the translated basic blocks and **superblocks** are all ...

☆ Save 99 Cite Cited by 4 Related articles All 4 versions »

Urban design guidelines as design control instrument with a case study of the Silver Triangle **Superblock**, Jakarta

HW Poerbo - 2001 - kluedo.ub.uni-kl.de

... the appropriate substance/**content** and format of the ... a **Superblock**. According to the definition provided by the local government of Jakarta, a **Superblock** encompasses a site area of **no** ...

☆ Save 99 Cite Cited by 20 Related articles All 6 versions »

Artificial intelligence-aided design: Smart design for sustainable city development

SJ Quan, J Park, A Economou... - ... and Planning B: Urban ..., 2019 - journals.sagepub.com

... you supply to use this **service** will **not** be used for any other purpose **without** your consent. ... This case study simplifies the densification of **superblocks** as a hypothetical design for tabula ...

☆ Save 99 Cite Cited by 31 Related articles All 6 versions

Pathways to creating differentiated grids: Types, benefits and costs

C Feng, J Peponis - ... and Planning B: Urban Analytics and ..., 2022 - journals.sagepub.com

... First, we show that by **not** limiting ourselves to the analysis of the ... a **superblock—**a rectangular piece of urban area bounded by arterial roads or major streets. The sides of a **superblock** ...

☆ Save 99 Cite Cited by 6 Related articles All 8 versions

A dynamic binary instrumentation engine for the arm architecture

K Hazelwood, A Klauser - ... of the 2006 international conference on ..., 2006 - dl.acm.org

... caching **superblocks** (since side entries are **not** permitted, occasionally one **superblock** may be ... by an increase in the number of **context switches** into trace generation mode. For the ...

☆ Save 99 Cite Cited by 106 Related articles All 8 versions

CoDBT: A multi-source dynamic binary translator using hardware–**software** collaborative techniques

H Guan, B Liu, Z Qi, Y Yang, H Yang, A Liang - Journal of Systems ..., 2010 - Elsevier

... **not switch** to translate source instructions, the **context switch** time can be eliminated. (2) **Application**-specific hardware replaces the **software**... transfers among **superblocks** being held in a ...

☆ Save 99 Cite Cited by 21 Related articles All 3 versions

A Soundwalk in the heart of Poblenou **superblock** in Barcelona: Preliminary study of the acoustic events

RM Alsina-Pagès, GJ Ginovart-Panisello, M Freixes… - Noise …, 2021 - degruyter.com

… **not** actually in the **Superblock** itself, was chosen as it was considered a quiet area near the first street of the **Superblock**… a guided walk through the Poblenou **Superblock** with stops at five …

☆ Save 99 Cite Cited by 1 Related articles All 7 versions »

Towards a New Social Model of the City: Barcelona's Integral **Superblocks**

L Torrens, S Riutort, M Juan - Future Urban Habitation …, 2022 - Wiley Online Library

… is a creative city that is open to **change**. Today, all kinds of phenomena that characterize our times are once again forcing the city to **not** only consider ingenious urban planning changes…

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Efficient, transparent, and comprehensive runtime code manipulation

D Bruening, S Amarasinghe - 2004 - burningcutlery.com

... head is turned into a trace, this is **not** much of a performance hit. We tried two different strategies for incrementing **without** the **context switch** back to DynamoRIO. One strategy is to place ...

☆ Save 99 Cite Cited by 546 Related articles All 14 versions »

The design of the UNIX operating system

MJ Bach - 1986 - 160592857366.free.fr

... The inode list is a list of iaodes that follows the **super block** in the ... a **change** in mode, **not** a **context switch**. Recalling Figure 1.5, the kernel does a **context switch** when it changes **context** ...

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Expanding urban green space with **superblocks**

S Eggimann - Land Use Policy, 2022 - Elsevier

... lower in case a potential **superblock** in itself does **not** have a ... Even though this was **not** considered in this analysis, the ... study does **not** suggest which potential **superblock** locations can ...

☆ Save 99 Cite Cited by 1 Related articles All 7 versions

Flexible page-level memory access monitoring based on virtualization hardware

K Lu, W Zhang, X Wang, M Luján, A Nisbet - ACM SIGPLAN Notices, 2017 - dl.acm.org

... is **no context switch** overhead. The kernel can use the extended page table to prevent upper guest **applications** ... • (I) When our memory allocator asks for **superblocks** from an OS using ...

☆ Save 99 Cite Cited by 7 Related articles All 3 versions

HW/SW mechanisms for instruction fusion, issue and commit in modern u-processors

A Deb - 2012 - upcommons.upc.edu

... for atomic **superblocks** in the **context** of co-designed **out-of-**... **superblocks** to execute **without** being constrained by **out-of-**... VMM to form the **superblock** there is a **context switch**, and the ...

☆ Save 99 Cite Related articles All 5 versions »

Re-architecting Distributed Block Storage System for Improving Random Write Performance

M Oh, J Park, SK Park, A Choi, J Lee... - 2021 IEEE 41st ..., 2021 - ieeexplore.ieee.org

... frequent **context switches** between threads. It is well known that the **context switching** overhead ... However, our proposal mainly targets block **service without** sacrificing strong consistency ...

☆ Save 99 Cite Cited by 1 Related articles All 2 versions

An architectural framework for runtime optimization

MC Merten, AR Trick, RD Barnes... - IEEE transactions on ..., 2001 - ieeexplore.ieee.org

... **superblock** scheduling [3] have demonstrated significant improvements in performance, **software** ... asynchronous event, such as a **context switch**, **without** detriment. The TGU simply emits ...

☆ Save 99 Cite Cited by 91 Related articles All 13 versions

Jakarta's great land transformation: Hybrid neoliberalisation and informality

S Herlambang, H Leitner, LJ Tjung... - Urban ..., 2019 - journals.sagepub.com

... you supply to use this **service** will **not** be used for any other purpose **without** your consent. ... larger and ever more spectacular, full-**service superblock** developments that offer the elite and ...

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Dynamic memory disambiguation using the memory conflict buffer

DM Gallagher, WY Chen, SA Mahlke... - ACM SIGPLAN ..., 1994 - dl.acm.org

... Whenever ageneral purpose register needs to be saved to the memory due to **context switches**, neither the conflict ... which do **not** allow side entrances, ... jump back into the **superblock** ...

☆ Save 99 Cite Cited by 205 Related articles All 19 versions

Connectivity in **Superblock** Street Networks: Measuring Distance, Directness, and the Diversity of Pedestrian Paths

M Scoppa, R Anabtawi - Sustainability, 2021 - mdpi.com

... A closer study of Abu Dhabi's planning history reveals that it was **not** until 1968 that the straight roads and **superblocks** that characterize the city today started to be built [28,30]. However...

☆ Save 99 Cite Cited by 3 Related articles All 9 versions »

Supergrid and **Superblock** History

X Chen - Supergrid and Superblock - taylorfrancis.com

... It is difcult to understand the supergrid and **superblock** structure **without** visual ... of **contextual change** (political and socio-economic), in contemporary China the supergrid and **superblock** ...

☆ Save 99 Cite »

MTSDT: Multithreaded **Software** Dynamic Translator for Multi-Core System

H Guan, R Ma, Z Ni, A Liang... - Advanced Science ..., 2011 - ingentaconnect.com

... Such trace/**superblock** could be a control flow on a hot path ... Since the overhead of **context switch** is the main overhead in the orig... However, **software** threads do **not** work as hardware ...

☆ Save 99 Cite Related articles »

Multithreaded optimizing technique for dynamic binary translator CrossBit

H Guan, B Liu, T Li, A Liang - ... Computer Science and **Software** ..., 2008 - ieeexplore.ieee.org

... Such trace/**superblock** could be a control flow on a hot path ... the register **contextswitch** overhead. Under certain condition, the ... When ramified into threads, the **context-switch** is **not** ...

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Block-Based In-Place Replacement Strategy for x86 Sensitive Instructions in Virtual Machine

T Yusong, Z Weihua, W Qingbo - ... and Distributed Processing with **Applications** - infona.pl

... **without** modification. Traditional methods use trap or interrupt to catch sensitive instruction's execution. Its performance is influenced by trap's **context switch** ... , ie **Super Block**-based In-...

☆ Save 99 Cite Related articles »

Hardware support for multithreaded execution of loops with limited parallelism

G Dimitriou, C Polychronopoulos - Panhellenic Conference on Informatics, 2005 - Springer

... , even if there is **no context switch** request, to provide secondary ... **application** of the MSWP algorithm. In order to obtain the best possible single-threaded codes, we applied **superblock**-...

☆ Save 99 Cite Related articles All 7 versions

Mostly lock-free malloc

D Dice, A Garthwaite - Proceedings of the 3rd international symposium ..., 2002 - dl.acm.org

... The kernel driver uses a set of preexisting **context switch** hooks present in Solaris. These ... **superblocks** in circulation, we increased the **superblock** size from 8192 to 65536 bytes **without** ...

☆ Save 99 Cite Cited by 149 Related articles All 10 versions

Changing the urban design of cities for health: The **superblock** model

N Mueller, D Rojas-Rueda, H Khreis, M Cirach... - Environment ..., 2020 - Elsevier

... Non-fatal impacts such as the expected reduction in chronic disease, improvements in quality of life, social cohesion and mental health have **not** been quantified in the present analysis. ...

☆ Save 99 Cite Cited by 159 Related articles All 18 versions

Straddling boundaries in **superblock** cities. Assessing local and global network connectivity using cases from Abu Dhabi, UAE

M Scoppa, K Bawazir, K Alawadi - ... Research Part A: Policy and Practice, 2019 - Elsevier

... In other words, in this paper, **superblocks** are **not** studied as potential “pockets of walkability” but as key components of a city-building strategy. Indeed, this strategy is characteristic of ...

☆ Save 99 Cite Cited by 11 Related articles All 4 versions

Superblocks for the design of new cities and renovation of existing ones: Barcelona's case

S Rueda - Integrating human health into urban and transport …, 2019 - Springer

… Every **superblock** emerges as a little city. In this section, we will focus on the **superblock** as the … lane, then it is **no** longer a **superblock** because it is **not** compatible with ALL the rights. …

☆ Save 99 Cite Cited by 63 Related articles All 3 versions »

The definition of syntactic types: The generation, analysis, and sorting of universes of **superblock** designs

C Feng, J Peponis - … and Planning B: Urban Analytics and …, 2020 - journals.sagepub.com

… streets traverse the **superblock** in one direction or the other, and there is **no** clear difference … Actual examples of **superblocks** that approximate these diagrammatic types are also shown. …

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Related searches

superblocks **in barcelona climate** change

Breaking the cycle. A renovation project at the edge of eixample in Barcelona

J XU, Y ZHAO, Y LIU - 2021 - politesi.polimi.it

... single security guard, **without** the inmates being able to tell whether they are being watched.
... The **superblock** (in physical terms) is composed of a set of basic roads forming a polygon or ...

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20 Minute Neighbourhoods in a Scottish **Context**

S O'Gorman, R Dillon-Robinson - 2021 - era.ed.ac.uk

... basic yet high quality **services without** access being limited by the cost of transport to them.
... related interventions to be applied within the **Superblock** approach. Walking, cycling, public ...

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Application of the concept of" functionalities" in macroeconomic modelling frameworks-Insights for Austria and methodological lessons learned. EconTrans working ...

G Bachner, J Mayer, L Fischer, KW Steininger... - 2021 - econstor.eu

... an increased **application** of the "**superblock**" or ... the **change** in consumption possibilities of citizens.We thus measure changes in consumption quantities of goods and **services without** ...

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Morpho: Combining morphological measures

V Oliveira, V Medeiros - Environment and Planning B ..., 2016 - journals.sagepub.com

... of the street block is **not** clear in Brasilia. Indeed, the **superblock** is an abstraction and **not** a
... system proposed by the plan does **not** separate the **superblocks**, making the real dimension ...

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Urvan: the future mobility of Barcelona

ALP PESTELI - 2021 - politesi.polimi.it

... The designed **superblocks** were **not** just intended for only environmental protection and greener world but also, they were designed to serve as a great socializing and commercial factor...

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Extending the POSIX I/O interface: a parallel file system perspective.

M Vilayannur, S Lang, R Ross, R Klundt, L Ward - 2008 - osti.gov

... and **context switches** [23]. Consequently, staging the data copies through intermediate kernel buffers is **not** ... VFS layer does **not** store the fsid as part of the per-file-system **superblock**, this ...

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The multi-resource server for predictable execution on multi-core platforms

R Inam, N Mahmud, M Behnam... - ... and Applications ..., 2014 - ieeexplore.ieee.org

... of a legacy soft realtime **application**. We show that MRS is **not** only useful when developing new ... [28] initially proposed the division of tasks into **superblock** sets by managing most of the ...

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Potential thread-level-parallelism exploration with **superblock** reordering

J Ye, H Yan, H Hou, T Chen - Computing, 2014 - Springer

... to run a **superblock**, which is **not** a big problem since **superblocks** are ... **superblocks** so as to reduce the number of **superblocks** while increase their sizes; (2) coalesce the **superblocks** so ...

☆ Save 99 Cite Cited by 13 Related articles All 6 versions »

Developing sustainable neighbourhoods

CL Choguill - Habitat international, 2008 - Elsevier

... **superblock**, which we will see again in rather altered form when we focus our attention below on Riyadh. To Stein and Wright, the **superblock** ... schools were **not** built in each **superblock**, ...

☆ Save 99 Cite Cited by 320 Related articles All 3 versions

Complexity Effective ASIP Architectures for Network Processing and Multimedia Acceleration

P Rao - 2003 - Citeseer

... of aggressive compiler optimizations based on the **superblock** and the hyperblock, which ...
there are **no context switches** and the processor performs just like a standard processor **without** ...

☆ Save 99 Cite Related articles All 2 versions »

Looking into the Supergrid and **Superblock** Structure in Chinese Cities: Taking Xi'an and Nanjing as Examples

X Chen - Chinese Urban Planning and Construction, 2021 - Springer

... Supergrid and **Superblocks** structure does **not** have to be totally replaced by the western street blocks structure, and the demolishing of all the walls around residential areas may **not** be ...

☆ Save 99 Cite Cited by 1 Related articles All 3 versions

From **super block** to small block: urban form transformation and its road network impacts in Chenggong, China

Z Wang, L Li, Y Li - Mitigation and Adaptation Strategies for Global Change, 2015 - Springer

... **service** volumes of roads inside a block because they operate differently given the fact that they are **not** ... roads inside a **super block**, they do provide passage **services** for motor vehicles, ...

☆ Save 99 Cite Cited by 15 Related articles All 8 versions »

UNIX internals: the new frontiers

U Vahalia - 1996 - Pearson Education India

☆ Save 99 Cite Cited by 578 Related articles All 2 versions »

Building Distributed File Systems on Commercial Cloud Storage **Services**

A Levitski - 2016 - helda.helsinki.fi

... **superblock** and it also contains pointers to the functions responsible for its operations in the module. **Not** ... as another process, both kernel mode and **context switches** need to be made. ...

☆ Save 99 Cite Cited by 2 Related articles All 2 versions »

Appstreamer: Reducing storage requirements of mobile games through predictive streaming

N Theera-Ampornpunt, S Suryavansh... - arXiv preprint arXiv ..., 2019 - arxiv.org

... until **no** large intersection can be found. We call each large intersection a **superblock**. The challenge comes from the fact that the blocks in some equivalent partitions may **not** be present ...

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Access-oriented design? Disentangling the effect of land use and transport network on accessibility

B Lahoorpoor, H Rayaprolu, H Wu... - Transportation Research ..., 2022 - Elsevier

... Since the number of cells in different **superblock** plans is **not** always the same, in order to compare the shape of the pyramid for different scenarios, the elevation centroid is the level ...

☆ Save 99 Cite Cited by 1 Related articles All 3 versions »

SecureFS: A Secure File System for Intel SGX

S Kumar, SR Sarangi - 24th International Symposium on Research in ..., 2021 - dl.acm.org

... many times due to **context switches**, exceptions within the ... **superblock**, and write encrypted chunks of the **superblock** to ... the metadata and the **superblock** of the file system (**not** present in ...

☆ Save 99 Cite Cited by 2 Related articles All 4 versions »

Safe, fast sharing of memcached as a protected library

C Kjellqvist, M Hedayati, ML Scott - 49th International Conference on ..., 2020 - dl.acm.org

... **not** only the cost of message packing, transmission, and unpacking, but also the cost of **context switches**: **application** ... separate **superblocks**, leading to low internal fragmentation and **no** ...

☆ Save 99 Cite Cited by 8 Related articles All 7 versions »

Three-dimensional flow through large numbers of spheroidal inhomogeneities

I Janković, R Barnes - Journal of Hydrology, 1999 - Elsevier

... **superblock** the influences of all distant **superblocks** are combined in a single expression which is valid inside the examined **superblock**... for large problems, **without** affecting the precision. ...

☆ Save 99 Cite Cited by 83 Related articles All 9 versions

The LOCUS distributed system architecture

G Popek, BJ Walker - 1985 - books.google.com

... throughout the LOCUS network, all **without change** to the **application**. This ability means that there is ... logical filegroup number, is kept in the physical container header (Unix **superblock**). ...

☆ Save 99 Cite Cited by 338 Related articles All 3 versions »

Lightweight instruction-level encryption for embedded processors using stream ciphers

T Hiscock, O Savry, L Goubin - Microprocessors and Microsystems, 2019 - Elsevier

... a method for encrypting the **software**, **not** verifying its integrity. ... of common **software** abstractions like exceptions, **context switches** ... are available to create large **superblocks**: branch target ...

☆ Save 99 Cite Cited by 13 Related articles All 5 versions

Comparison of kernel and user space file systems

KI Duwe - 2014 - edoc.sub.uni-hamburg.de

... The additional data transfer and the **context switches** are causing some overhead which will ... Otherwise the VFS **superblock** might **not** be synchronized with the the related **superblock** on ...

☆ Save 99 Cite Cited by 1 Related articles »

A user-space storage I/O framework for NVMe SSDs in mobile smart devices

HJ Kim, JS Kim - IEEE Transactions on Consumer Electronics, 2017 - ieeexplore.ieee.org

... I/O completion incurs **context switching** and additional **software** overhead, it is **not** suitable for ... Filesystem metadata such as **superblock**, block bitmaps and inodes are managed using an ...

☆ Save 99 Cite Cited by 17 Related articles All 4 versions

Mixed-criticality embedded systems--a balance ensuring partitioning and performance

M Paulitsch, OM Duarte, H Karray... - ... on Digital System ..., 2015 - ieeexplore.ieee.org

... The general model does **not** rely on the defined **superblock** phases, instead it allows resource requests at any point in time. Finally, the hybrid model uses the division into different ...

☆ Save 99 Cite Cited by 42 Related articles All 4 versions

UnderTracker: Generating Robust Binaries Using Execution Flow Traces

RK Shrivastava, C Hota - Information Systems Frontiers, 2021 - Springer

... set of **superblocks** identification and low-overhead **software** security hardening. A **superblock** is a ... because of NOP, the addresses of these commands still do **not change**. When control ...

☆ Save 99 Cite Cited by 1 Related articles All 5 versions »

QoS-based evaluation of file systems and distributed system **services** for continuous media provisioning

W Lee, D Su, J Srivastava - Information and **Software** Technology, 2000 - Elsevier

... TCP/IP is **not** suitable for distributed CM **applications** which ... A **super block** is used to maintain the formatting data and the ... costs in terms of the **context switch**, memory requirements, etc. ...

☆ Save 99 Cite Cited by 9 Related articles All 6 versions

vMON: An efficient **out-of**-VM process monitor for virtual machines

N Li, B Li, J Li, T Wo, J Huai - 2013 IEEE 10th International ..., 2013 - ieeexplore.ieee.org

... the VM based on process **switch** interception. For Linux, **context switches** are one of the key ... (bg), and each block group consists of **super block**, group descriptor table (gdt), block bitmap...

☆ Save 99 Cite Cited by 14 Related articles All 3 versions »

Image analytics for urban planning: The case of the Barcelona **Superblock**

A Sollazzo - Artificial Intelligence in Urban Planning and Design, 2022 - Elsevier

... planning model called the **Superblock**. This planning approach ... of urban planning, such as the **Superblock**, with a novel set of ... **not** compared in the calculations described in this chapter. ...

☆ Save 99 Cite Related articles »

A novel program for clinical pathology training for residents emphasizing high-impact and attending-level learning opportunities

EA Ranheim - Human Pathology, 2014 - Elsevier

... **not**. Comparison to the changes in the core AP areas of autopsy, surgical pathology, and cytopathology shows that the residents were **not** ... the CP **Superblock** did **not change** the amount ...

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Implementing car-free cities: rationale, requirements, barriers and facilitators

M Nieuwenhuijsen, J Bastiaanssen, S Sersli... - ... human health info ..., 2019 - Springer

... **not** solely focus on accessing job locations, but the **services** and ... **Superblocks** (Superilles) by making relatively small changes to their existing street network to create them. A **superblock** ...

☆ Save 99 Cite Cited by 35 Related articles All 5 versions »

The performance of PC solid-state disks (SSDs) as a function of bandwidth, concurrency, device architecture, and system organization

C Dirik, B Jacob - ACM SIGARCH Computer Architecture News, 2009 - dl.acm.org

... or classroom use is granted **without** fee provided that copies are **not** made or distributed for profit ... If any one of the blocks in a **superblock** becomes bad, all blocks in that **superblock** are ...

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Instant profiling: Instrumentation sampling for profiling datacenter **applications**

HK Cho, T Moseley, R Hank... - Proceedings of the ..., 2013 - ieeexplore.ieee.org

... and **superblock** formation, but incurs 30-40% overhead. Other techniques such as value profiling [8] and data stream profiling [12] **not** only ... needed for the **context switch** between native ...

☆ Save 99 Cite Cited by 24 Related articles All 17 versions

Does energy follow form? The case of household travel in Jinan, China

Y Jiang, PC Zegras, D He, Q Mao - ... Strategies for Global Change, 2015 - Springer

... Interestingly, the per-capita passenger energy consumption in Jinan's non-**superblock** neighborhoods today is **not** much different from the average energy consumed in Chinese cities ...

☆ Save 99 Cite Cited by 17 Related articles All 9 versions »

Linux kernel development

R Love - 2010 - books.google.com

... a **context switch** from kernel-space to user-space or vice versa is often involved, message passing includes a latency and throughput hit **not** ... of frequent **context switches** and potentially ...

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Importance of scenario analysis in urban development for urban water infrastructure planning and management

C Mikovits, W Rauch, M Kleidorfer - Computers, Environment and Urban ..., 2018 - Elsevier

... buildings and if **no** buildings are used the value is taken from existing **SUPERBLOCKs**. ... the distributed population until it matches the projected population **change** of the main loop. ...

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Lightweight capability domains: towards decomposing the linux kernel

C Jacobsen, M Khole, S Spall, S Bauer... - Proceedings of the 8th ..., 2015 - dl.acm.org

... [4], the hardware **contextswitching** mechanisms did **not** get faster. ... capable of **context switching** asynchronous threads ... With LCDs we aim to 1) avoid expensive **context switches**, and 2) ...

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The design of social and cultural orientated urban tissues through evolutionary processes

J Choi, PCT Nguyen, M Makki - International Journal of ..., 2021 - journals.sagepub.com

... surrounding **context** are **not** neglected, rather play a vital role in the developed **superblock**. ... experiment aims to generate an urban **superblock** that increases alleyway connectivity within ...

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Efficient incremental code update for sensor networks

RK Panta, S Bagchi, SP Midkiff - ACM Transactions on Sensor Networks ..., 2011 - dl.acm.org

... blocks into one **superblock**. It does **not** necessarily produce the maximal **superblock**. By "... that produces the maximal **superblock** but **without** the **application**-level modifications. As ...

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Experiences with evaluating system QoS and channel performance on media-on-demand systems

W Lee, J Srivastava - Proceedings 22nd International ..., 2002 - ieeexplore.ieee.org

... of an **application's** real-time needs or **not** does **not** matter, there ... A **super block** is used to maintain the formatting data and ... larger buffers to handle the **context switch** overhead. Hence, to ...

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New urbanism and the city: Potential **applications** and implications for distressed inner-city neighborhoods

CC Bohl - 2000 - Taylor & Francis

... The reintroduction of through-streets breaks up the **superblocks** and reconnects the site with the surrounding city. The large, park-like "**no** man's land" is replaced with smaller, dispersed ...

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SafeNVM: A non-volatile memory store with thread-level page protection

P Kumar, HH Huang - 2017 IEEE International Congress on Big ... , 2017 - ieeexplore.ieee.org

... **context-switch**, so it needs to be saved during **context switch**, ... Also, the modification of the PL bit of PLB does **not** necessitate ... to **super-block** concept of file-system (**not** shown in Figure). ...

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Implementing the Supermanzana approach in Barcelona. Critical issues at local and urban level

J Scudellari, L Staricco... - Journal of Urban ... , 2020 - Taylor & Francis

... its urban structure into **superblocks**, designed to discourage cut-through traffic and promote multiple uses of street space. Despite its potential, this approach is **not without** its limits, that ...

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From red **superblock** to green megastructure: municipal socialism as model and challenge

E Blau - Architecture and the welfare state, 2014 - taylorfrancis.com

... Wohnen Morgen, which resonates with the complex historical dialectics, urban ambition, scale and architectural values of the best of Vienna's red **superblocks** of the 1920s (**without** ...

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SINOF: A dynamic-static combined framework for dynamic binary translation

H Guan, E Zhu, H Wang, R Ma, Y Yang... - Journal of Systems ..., 2012 - Elsevier

... code to reduce the **context switches** to Crossbit, building **superblocks** according to profile ... the program, and then build a larger **superblock** to complete loops **without** control transfer. ...

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TRU Waste from the **Superblock**

TT Coburn - 1997 - osti.gov

... Approximately half of the **Superblock** TRU waste drums contain waste contaminated only ... SGS using present methods and moved **out of** the **Superblock**. It is **not** necessary to wait for an ...

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Smart City Thailand: Visioning and design to enhance sustainability, resiliency, and community wellbeing

KN Irvine, A Suwanarit, F Likitswat, H Srilertchaipanij ... - Urban Science, 2022 - mdpi.com

... It is **not** possible to present all submitted visions herein and instead we review plans and designs that reflect the broader, **superblock** scale, those that provide a more detailed view ...

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Linux security modules: General security support for the linux kernel

C Wright, C Cowan, S Smalley, J Morris... - 11th USENIX Security ..., 2002 - usenix.org

... LSM framework but this **change** has **not** been implemented in ... inode and **super block** structures correspond to the actual ... , such as file access, **context switching**, and memory access. LM...

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Livable neighborhoods for sustainable cities: Insights from Barcelona

L Staricco, EV Brovarone - Transportation Research Procedia, 2022 - Elsevier

... The issue of livability of neighborhoods and the conflict with vehicular traffic is **not** new in ... up a system of **superblocks** within the meshes of this network. The aim is **not** only to transform ...

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Introduction: An Introductory Essay: From Radials and Grids to Supergrids and **Superblocks**

B Shelton - Supergrid and Superblock - taylorfrancis.com

... However, Doxiadis did **not** plan his **superblocks** as small-scale street grid subdivisions within a larger higher order supergrid – a conclusion to which his analysis, with a diferent mindset...

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High-level specification languages for embedded system design

CD Kloos, S Pickin, L Sanchez, A Groba - System-Level Synthesis, 1999 - Springer

... One consequence of this is that **no** single language is suitable for specifying all **applications**... the **SuperBlock** finishes its computations. The order in which the discrete **SuperBlocks** are ...

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Planning the transition to autonomous driving: a policy pathway towards urban liveability

EV Brovarone, J Scudellari, L Staricco - Cities, 2021 - Elsevier

... , **not without** criticism (Scudellari et al., 2019). Conversely, in the policy pathway proposed in this article, the **application** of the **superblock** ... of the model does **not** proceed by areas, like ...

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A video streaming file server framework for digital video broadcasting environments

E Kim, W Lee, C Lee - IEICE transactions on information and ..., 2005 - search.ieice.org

... A **super block** is used to maintain the formatting data and ... larger buffers to handle the **context switch** overhead. Hence, to maintain ... This is **not without** its drawback, since a larger buffer is ...

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Translating GPU binaries to tiered SIMD architectures with Ocelot

G Diamos, A Kerr, M Kesavan - 2009 - smartech.gatech.edu

... architectures **without software context switching**: simple loops around CTAs incorrectly ... Each thread can build a chain of **superblocks** as it encounters code that has **not** yet been ...

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Fine-grained region adaptive loop filter for **super-block** video coding

M Wang, J Lin, J Zhang, W Xie - IEEE Access, 2019 - ieeexplore.ieee.org

... has **not** been fully investigated in the **context** of **super-block** ... on the HEVC framework under the **super-block** condition. We ... neighboring SCUs to measure **content change** in both spatial ...

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Zephyr: Efficient incremental reprogramming of sensor nodes using function call indirections and difference computation

RK Panta, S Bagchi, SP Midkiff - Proc. of USENIX Annual Technical ..., 2009 - usenix.org

... blocks into one **super-block**. It does **not** necessarily produce the maximal **super-block**. By op... that produces the maximal **super-block** but **without** the **application**-level modifications. ...

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Androstep: Android storage performance analysis tool

S Jeong, K Lee, J Hwang, S Lee, Y Won - Software Engineering 2013 ..., 2013 - dl.gi.de

... are **not** suitable to study the details of **application** behavior in ... of **context switches** to measure the **context switch** overheads. ... blocks are blocks harboring a **superblock**, group descriptor, ...

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Deconstructing the **Superblock**: Universal Solutions vs. Cultural Specificity in Chinese Urban Planning

S Gajer - 2015 - curve.carleton.ca

... Attempts to **apply** Western precepts to the reinvention of the Chinese **superblock** frequently do **not** take into account particularities of the Chinese **context**. This thesis explores an ...

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The garden block: A new model of **superblocks** towards socioecological cohesion

SAS Alzraikat - 2016 - search.proquest.com

... role in decreasing the impact of those challenges, if **not** ... **superblocks** are well designed as tools that **not** only contain huge numbers of people, but also function to benefit their **context** (...

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Optimizing the block I/O subsystem for fast storage devices

YJ Yu, DI Shin, W Shin, NY Song, JW Choi… - ACM Transactions on …, 2014 - dl.acm.org

… **context switches** in the I/O path decreases the **software** … requests **without** a CPU **context switch** to an **application** thread. In our … only, the effect of **context switch** gives us an insight of what …

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Extracting network-wide correlated changes from longitudinal configuration data

YWE Sung, S Rao, S Sen, S Leggett - International Conference on Passive …, 2009 - Springer

… events, we **apply** Apriori (see §2.2) to extract **superblocks** that … showed some **change** in one particular **superblock**. Among the … , **superblocks** that **change** frequently individually need **not** …

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To what extent the traffic restriction policies applied in Barcelona city can improve its air quality?

D Rodriguez-Rey, M Guevara, MP Linares... - Science of the Total ..., 2022 - Elsevier

... a) Area **without** the **application** of the **superblock** model and b) area with the **superblock** model. The grey squares represent building blocks, the green segments the streets affected by ...

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Extension framework for file systems in user space

A Bijlani, U Ramachandran - 2019 USENIX Annual Technical ..., 2019 - usenix.org

... Therefore, their invocation incurs **context switches**, and thus, ... We rely on s_stack_depth field in the **super-block** to track the ... replies, **without** incurring any **context switches**. Customized ...

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New healthy settlements responding to pandemic outbreaks: Approaches from (and for) the global city

LMF Fabris, F Camerin, G Semprebon... - The plan ..., 2020 - uvadoc.uva.es

... by increasing turbulence and **shifting** grounds in terms of ... the **application** of innovative concepts such as the "**Superblocks**... gated communities, the **Superblocks** had **no** relationship to the ...

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Mobility infrastructures in cities and climate **change**: an analysis through the **superblocks** in Barcelona

I López, J Ortega, M Pardo - Atmosphere, 2020 - mdpi.com

... Moreover, the implementation of the present **Superblocks** does **not** require investment in hard infrastructures, tearing down buildings or undertaking massive redevelopment. A ...

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Sustainability and urban sprawl: Alternative scenarios for a Bangkok **superblock**

S Sinlusingha - Urban Design International, 2006 - Springer

... However, the **superblock** and surrounds would **not** be as densely settled as urban growth would be dissipated further out into the cheaper lands of the exurbs and adjacent provinces (...

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Cul-de-sacs, **superblocks** and environmental areas as supports of residential territorialization

E Charmes - Journal of Urban Design, 2010 - Taylor & Francis

... , **no**-through streets, **superblocks** ... **superblocks** give groups of residents **not** only clear boundaries, but also define areas of community use. As will be seen, such a physical **background** is ...

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Walking the **superblocks**: Street layout efficiency and the sikkak system in Abu Dhabi

M Scoppa, K Bawazir, K Alawadi - Sustainable cities and society, 2018 - Elsevier

... **superblocks** and the role of "sikkak", narrow alleyways between plots, in providing efficient and direct pedestrian routes within **superblocks**... street systems and did **not** consider the smaller...

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UHD video coding: A light-weight learning-based fast **super-block** approach

M Wang, W Xie, X Meng, H Zeng... - IEEE Transactions on ..., 2018 - ieeexplore.ieee.org

... syntax facilitates **not** only the homogeneous region coding of UHD **content** but also the ... the proposed **super-block** method, then present three types of encoding features from **context** ...

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Algorithmic definitions of street network centrality sub-shapes: The case of **superblocks**

C Feng, J Pegonis - … and Planning B: Urban Analytics and …, 2022 - journals.sagepub.com

… at one corner of the **superblock** and ends at … **superblock** horizontally **without** touching the opposite corners; a vertical continuity line is one that traverses the **superblock** vertically **without** …

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The SawMill multiserver approach

A Gefflaut, T Jaeger, Y Park, J Liedtke… - Proceedings of the 9th …, 2000 - dl.acm.org

… and server overheads, in particular **context switches** overheads, are minimized. Ëecond, we … the **superblocks** and the inodes. Ëuperblocks **change** very infrequently, so caching is **not** a …

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PE2E SEARCH - Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
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		84"|"6389016"|"6438376"|"6741691"|"6940826"|"7769881"|"20030137939"|"20040139225"|"20060183476"|"20060246903"|"20080069105"|"6031818"|"6311150"|"6574668"|"6842460"|"20020038282"|"20030061025"|"20030061481"|"20030135569"|"20030177186"|"20030217318"|"20030229715"|"20040133689"|"20040143678"|"20050187957"|"20050208947"|"20050254440"|"20060121986"|"20060165029"|"20080235362"|"20080235511"|"20090006076"|"20090088150"|"20090300673"|"20100223047"|"5818447"|"6161082"|"6912278"|"7123710"|"7917584"|"20020178087"|"20030220121"|"20050086309"|"20050138119"|"20060148516"|"5790637"|"6473425").PN.				
L6	98	CHATURVEDI-SIVAKUMAR-$.in. CHATURVEDI-SIVAKUMAR.in. GUNDABATHULA-SATISH.in. GUNDABATHULA-SATISH-$.in. HIREMATH-RASHMI.in. HIREMATH-RASHMI-$.in.	(US-PGPUB; USPAT; EPO; JPO)	OR	OFF	OFF	2015/03/13 12:02 PM
L7	8533	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2015/03/13 03:56 PM
L8	9338	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2015/03/13 03:59 PM
L9	1053	plug-in AND (G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2015/03/13 04:14 PM

L10	60	L8 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2015/03/13 04:21 PM
L11	9338	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2015/03/13 04:50 PM
L12	60	L11 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2015/03/13 04:50 PM
L13	6	L11 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2015/03/13 04:50 PM

		determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911" NOT L12					
L14	34	L11 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L12	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2015/03/13 04:58 PM
L15	9352	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2015/03/14 10:41 AM
L16	60	L15 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2015/03/14 10:41 AM

		allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"					
L17	5569	((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L16	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2015/03/14 10:41 AM
L18	1248	((window screen pane image display) WITH (plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension)) AND((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2015/03/14 10:44 AM

		@ad<"20130911" NOT L16					
L19	6	L15 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911" NOT L16	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2015/03/14 10:47 AM
L20	34	L15 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L16	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2015/03/14 10:47 AM
L22	125	((window screen pane image display) WITH (plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2015/03/14 10:57 AM

		concurrently simultaneous)) AND((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L16					
L23	126	((window screen pane image display) WITH (function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2015/03/14 11:20 AM

		ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L16					
L24	1	((window screen pane image display) WITH (function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT (L16 L19 L20 L22)	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2015/03/14 11:21 AM
L25	2	((window screen pane image display) WITH (((function program application app sub) NEAR2 (block section segment)) plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND(	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2015/03/14 11:24 AM

		(function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT (L16 L19 L20 L22 L23)					
L26	876	G06F9/44526.cpc. AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2015/03/14 11:27 AM
L27	37	("20010050923"|"20020143548"|"20020156844"|"20030202480"|"20040034776"|"20040103212"|"20050130650"|"20050132009"|"20050198499"|"20050201485"|"20060168643"|"20060258289"|"20070136459"|"20070165629"|"20070206563"|"20070297430"|"20080273541"|"20090052399"|"20090240821"|"20090327516"|"20110122864"|"20110314134"|"6128283"|"7079529"|"7092385"|"7487248"|"7623476"|"20030177422"|"20050033985"|"20050091407"|"6850769"|"7304985"|"20020037000"|"20020064167"|"20030110047"|"20030172145"|"20030214955"|"20040139230"|"20040153858"|"20040268257"|"20050136911"|"20050138128"|"20060072506"|"20060120375"|"2007008	(USPAT; USOCR)	OR	ON	ON	2015/03/14 11:29 AM

		2671"|"20070130253"|" 20110145687"|"621963 8"|"6754181"|"6999575" |"7185114"|"7590758"|" 7623516"|"7774495"|"2 0030035441"|"2003007 6815"|"20030217171"|" 20040260952"|"200500 50227"|"5442637"|"588 9762"|"6343067"|"7080 158"|"20020031212"|"2 0020062285"|"2003004 6585"|"20040052234"|" 20040139228"|"200402 67527"|"20050187781"| "20060121902"|"20060 171534"|"20060187926 "|"20070253435"|"2008 0032695"|"2008016844 0"|"20090055473"|"201 00049980"|"201001072 05"|"20100312897"|"20 110099612"|"20120263 144"|"6141687"|"68984 13"|"7010109"|"734599 9"|"7457279"|"7542472" |"7570743"|"8065418"|" 20020080719"|"200201 76404"|"20030031210"| "20030115251"|"20070 016921"|"6836765"|"20 020042769"|"20020124 096"|"20030009565"|"2 0030043764"|"2003010 5812"|"20040128554"|" 20050004982"|"200501 20073"|"20050220017"| "20060062180"|"20060 182100"|"20060205436 "|"20070019545"|"2008 0091813"|"2008013063 9"|"20090003322"|"200 90156217"|"200902349 67"|"20090257433"|"20 100011108"|"20100011 111"|"20100279670"|"2 0100299150"|"2010029 9313"|"7346044"|"7353 252"|"7574523"|"76568 70"|"20020087887"|"20 020120757"|"20020184 310"|"20030046056"|"2 0030163697"|"2004003 4793"|"20050195802"|" 20070110043"|"200803 20096"|"6987756"|"718 4415"|"7272377"|"7412 374"|"7477282"|"75126					

		52"|"20020097150"|"20020152325"|"20030088676"|"20030126213"|"20030158722"|"20030163525").PN.					
L28	36	("20030187650"|"20040024879"|"20040068567"|"20040203834"|"20040240399"|"20050071481"|"20050143105"|"20050246193"|"20060002355"|"20060069775"|"20060203750"|"20070025270"|"20070190987"|"20070260359"|"20080123685"|"20080250408"|"20100077023"|"6963555"|"6975718"|"7006508"|"7013155"|"7564843"|"7782866"|"20040100973"|"20040158471"|"20040162871"|"20040228279"|"20040267938"|"20050008024"|"20050286519"|"20080192756"|"6766373"|"7613171"|"20020173303"|"20030078858"|"20030212772"|"20040005877"|"20040249953"|"20050033843"|"20050105524"|"20050270992"|"20070078785"|"20070111794"|"20070239892"|"20080019285"|"20080080392"|"20090136016"|"6298129"|"6360196"|"6826613"|"7117526"|"7302496"|"7664495"|"7778187"|"8009586"|"20020166053"|"20030044020"|"20030072485"|"20030174707"|"20050119005"|"20050249196"|"20090192976"|"6999932"|"7353255"|"20020150110"|"20040039781"|"20040044517"|"20040062267"|"20040148434"|"20040213184"|"20050015502"|"20050144288"|"20050201357"|"20060195402"|"20060218624"|"20060230166"|"20070116224"|"20070274276"|"20080005328"|"20090182815"|"20100312832"|"20110040836"|"5761309"|"62020	(USPAT; USOCR)	OR	ON	ON	2015/03/14 11:29 AM

		84"|"6389016"|"643837 6"|"6741691"|"6940826" |"7769881"|"200301379 39"|"20040139225"|"20 060183476"|"20060246 903"|"20080069105"|"6 031818"|"6311150"|"65 74668"|"6842460"|"200 20038282"|"200300610 25"|"20030061481"|"20 030135569"|"20030177 186"|"20030217318"|"2 0030229715"|"2004013 3689"|"20040143678"|" 20050187957"|"200502 08947"|"20050254440"| "20060121986"|"20060 165029"|"20080235362 "|"20080235511"|"2009 0006076"|"2009008815 0"|"20090300673"|"201 00223047"|"5818447"|" 6161082"|"6912278"|"7 123710"|"7917584"|"20 020178087"|"20030220 121"|"20050086309"|"2 0050138119"|"2006014 8516"|"5790637"|"6473 425").PN.					
L29	304	("20010050923"|"20020 143548"|"20020156844 "|"20030202480"|"2004 0034776"|"2004010321 2"|"20050130650"|"200 50132009"|"200501984 99"|"20050201485"|"20 060168643"|"20060258 289"|"20070136459"|"2 0070165629"|"2007020 6563"|"20070297430"|" 20080273541"|"200900 52399"|"20090240821"| "20090327516"|"20110 122864"|"20110314134 "|"6128283"|"7079529"|" 7092385"|"7487248"|"7 623476"|"20030177422 "|"20050033985"|"2005 0091407"|"6850769"|"7 304985"|"20020037000 "|"20020064167"|"2003 0110047"|"2003017214 5"|"20030214955"|"200 40139230"|"200401538 58"|"20040268257"|"20 050136911"|"20050138 128"|"20060072506"|"2 0060120375"|"2007008	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2015/03/14 11:29 AM

		2671"|"20070130253"|" 20110145687"|"621963 8"|"6754181"|"6999575" |"7185114"|"7590758"|" 7623516"|"7774495"|"2 0030035441"|"2003007 6815"|"20030217171"|" 20040260952"|"200500 50227"|"5442637"|"588 9762"|"6343067"|"7080 158"|"20020031212"|"2 0020062285"|"2003004 6585"|"20040052234"|" 20040139228"|"200402 67527"|"20050187781"| "20060121902"|"20060 171534"|"20060187926 "|"20070253435"|"2008 0032695"|"2008016844 0"|"20090055473"|"201 00049980"|"201001072 05"|"20100312897"|"20 110099612"|"20120263 144"|"6141687"|"68984 13"|"7010109"|"734599 9"|"7457279"|"7542472" |"7570743"|"8065418"|" 20020080719"|"200201 76404"|"20030031210"| "20030115251"|"20070 016921"|"6836765"|"20 020042769"|"20020124 096"|"20030009565"|"2 0030043764"|"2003010 5812"|"20040128554"|" 20050004982"|"200501 20073"|"20050220017"| "20060062180"|"20060 182100"|"20060205436 "|"20070019545"|"2008 0091813"|"2008013063 9"|"20090003322"|"200 90156217"|"200902349 67"|"20090257433"|"20 100011108"|"20100011 111"|"20100279670"|"2 0100299150"|"2010029 9313"|"7346044"|"7353 252"|"7574523"|"76568 70"|"20020087887"|"20 020120757"|"20020184 310"|"20030046056"|"2 0030163697"|"2004003 4793"|"20050195802"|" 20070110043"|"200803 20096"|"6987756"|"718 4415"|"7272377"|"7412 374"|"7477282"|"75126					

		52"|"20020097150"|"20020152325"|"20030088676"|"20030126213"|"20030158722"|"20030163525").PN.					
L30	36	("20030187650"|"20040024879"|"20040068567"|"20040203834"|"20040240399"|"20050071481"|"20050143105"|"20050246193"|"20060002355"|"20060069775"|"20060203750"|"20070025270"|"20070190987"|"20070260359"|"20080123685"|"20080250408"|"20100077023"|"6963555"|"6975718"|"7006508"|"7013155"|"7564843"|"7782866"|"20040100973"|"20040158471"|"20040162871"|"20040228279"|"20040267938"|"20050008024"|"20050286519"|"20080192756"|"6766373"|"7613171"|"20020173303"|"20030078858"|"20030212772"|"20040005877"|"20040249953"|"20050033843"|"20050105524"|"20050270992"|"20070078785"|"20070111794"|"20070239892"|"20080019285"|"20080080392"|"20090136016"|"6298129"|"6360196"|"6826613"|"7117526"|"7302496"|"7664495"|"7778187"|"8009586"|"20020166053"|"20030044020"|"20030072485"|"20030174707"|"20050119005"|"20050249196"|"20090192976"|"6999932"|"7353255"|"20020150110"|"20040039781"|"20040044517"|"20040062267"|"20040148434"|"20040213184"|"20050015502"|"20050144288"|"20050201357"|"20060195402"|"20060218624"|"20060230166"|"20070116224"|"20070274276"|"20080005328"|"20090182815"|"20100312832"|"20110040836"|"5761309"|"62020	(USPAT; USOCR)	OR	ON	ON	2015/03/14 11:29 AM

		84"|"6389016"|"643837 6"|"6741691"|"6940826" |"7769881"|"200301379 39"|"20040139225"|"20 060183476"|"20060246 903"|"20080069105"|"6 031818"|"6311150"|"65 74668"|"6842460"|"200 20038282"|"200300610 25"|"20030061481"|"20 030135569"|"20030177 186"|"20030217318"|"2 0030229715"|"2004013 3689"|"20040143678"|" 20050187957"|"200502 08947"|"20050254440"| "20060121986"|"20060 165029"|"20080235362 "|"20080235511"|"2009 0006076"|"2009008815 0"|"20090300673"|"201 00223047"|"5818447"|" 6161082"|"6912278"|"7 123710"|"7917584"|"20 020178087"|"20030220 121"|"20050086309"|"2 0050138119"|"2006014 8516"|"5790637"|"6473 425").PN.					
L31	268	("20030187650"|"20040 024879"|"20040068567 "|"20040203834"|"2004 0240399"|"2005007148 1"|"20050143105"|"200 50246193"|"200600023 55"|"20060069775"|"20 060203750"|"20070025 270"|"20070190987"|"2 0070260359"|"2008012 3685"|"20080250408"|" 20100077023"|"696355 5"|"6975718"|"7006508" |"7013155"|"7564843"|" 7782866"|"2004010097 3"|"20040158471"|"200 40162871"|"200402282 79"|"20040267938"|"20 050008024"|"20050286 519"|"20080192756"|"6 766373"|"7613171"|"20 020173303"|"20030078 858"|"20030212772"|"2 0040005877"|"2004024 9953"|"20050033843"|" 20050105524"|"200502 70992"|"20070078785"| "20070111794"|"20070 239892"|"20080019285	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2015/03/14 11:29 AM

		"|"20080080392"|"2009 0136016"|"6298129"|"6 360196"|"6826613"|"71 17526"|"7302496"|"766 4495"|"7778187"|"8009 586"|"20020166053"|"2 0030044020"|"2003007 2485"|"20030174707"|" 20050119005"|"200502 49196"|"20090192976"| "6999932"|"7353255"|"2 0020150110"|"2004003 9781"|"20040044517"|" 20040062267"|"200401 48434"|"20040213184"| "20050015502"|"20050 144288"|"20050201357 "|"20060195402"|"2006 0218624"|"2006023016 6"|"20070116224"|"200 70274276"|"200800053 28"|"20090182815"|"20 100312832"|"20110040 836"|"5761309"|"62020 84"|"6389016"|"643837 6"|"6741691"|"6940826" |"7769881"|"200301379 39"|"20040139225"|"20 060183476"|"20060246 903"|"20080069105"|"6 031818"|"6311150"|"65 74668"|"6842460"|"200 20038282"|"200300610 25"|"20030061481"|"20 030135569"|"20030177 186"|"20030217318"|"2 0030229715"|"2004013 3689"|"20040143678"|" 20050187957"|"200502 08947"|"20050254440"| "20060121986"|"20060 165029"|"20080235362 "|"20080235511"|"2009 0006076"|"2009008815 0"|"20090300673"|"201 00223047"|"5818447"|" 6161082"|"6912278"|"7 123710"|"7917584"|"20 020178087"|"20030220 121"|"20050086309"|"2 0050138119"|"2006014 8516"|"5790637"|"6473 425").PN.				
L32	375	L26 AND (mobile cell cellular phone iphone) NOT (L16 L19 L20 L22 L24 L25 L27 L28 L29 L30 L31)	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2015/03/14 11:29 AM

L36	10617	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2015/12/30 09:19 AM
L37	66	L36 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2015/12/30 09:19 AM
L38	66	L37	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2015/12/30 09:19 AM
L39	6	L36 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911" NOT L37	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2015/12/30 09:24 AM
L40	6	L39	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2015/12/30 09:24 AM
L41	37	L36 AND ((plug-in plugin plug ADJ in	(US-PGPUB; USPAT; EPO; JPO;	OR	ON	ON	2015/12/30 09:25 AM

		addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L37	DERWENT; IBM_TDB)				
L42	37	L41	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2015/12/30 09:25 AM
L43	132	((window screen pane image display) WITH (plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2015/12/30 09:29 AM

		clearence)) AND @ad<"20130911" NOT L37					
L44	132	L43	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2015/12/30 09:29 AM
L45	1	((window screen pane image display) WITH (function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT (L37 L39 L41 L43)	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2015/12/30 09:30 AM
L46	1	L45	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2015/12/30 09:30 AM
L47	133	((window screen pane image display) WITH (function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2015/12/30 09:31 AM

		simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L37					
L48	3	((window screen pane image display) WITH (((function program application app sub) NEAR2 (block section segment)) plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2015/12/30 09:31 AM

		allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT (L37 L39 L41 L43 L47)					
L49	3	L48	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2015/12/30 09:31 AM
L50	266	("20030187650"|"20040024879"|"20040068567"|"20040203834"|"20040240399"|"20050071481"|"20050143105"|"20050246193"|"20060002355"|"20060069775"|"20060203750"|"20070025270"|"20070190987"|"20070260359"|"20080123685"|"20080250408"|"20100077023"|"6963555"|"6975718"|"7006508"|"7013155"|"7564843"|"7782866"|"20040100973"|"20040158471"|"20040162871"|"20040228279"|"20040267938"|"20050008024"|"20050286519"|"20080192756"|"6766373"|"7613171"|"20020173303"|"20030078858"|"20030212772"|"20040005877"|"20040249953"|"20050033843"|"20050105524"|"20050270992"|"20070078785"|"20070111794"|"20070239892"|"20080019285"|"20080080392"|"20090136016"|"6298129"|"6360196"|"6826613"|"7117526"|"7302496"|"7664495"|"7778187"|"8009586"|"20020166053"|"20030044020"|"20030072485"|"20030174707"|"20050119005"|"20050249196"|"20090192976"|"6999932"|"7353255"|"20020150110"|"20040039781"|"20040044517"|"20040062267"|"20040148434"|"20040213184"|"20050015502"|"20050144288"|"20050201357	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2015/12/30 09:33 AM

		"|"20060195402"|"2006 0218624"|"2006023016 6"|"20070116224"|"200 70274276"|"200800053 28"|"20090182815"|"20 100312832"|"20110040 836"|"5761309"|"62020 84"|"6389016"|"643837 6"|"6741691"|"6940826" |"7769881"|"200301379 39"|"20040139225"|"20 060183476"|"20060246 903"|"20080069105"|"6 031818"|"6311150"|"65 74668"|"6842460"|"200 20038282"|"200300610 25"|"20030061481"|"20 030135569"|"20030177 186"|"20030217318"|"2 0030229715"|"2004013 3689"|"20040143678"|" 20050187957"|"200502 08947"|"20050254440"| "20060121986"|"20060 165029"|"20080235362 "|"20080235511"|"2009 0006076"|"2009008815 0"|"20090300673"|"201 00223047"|"5818447"|" 6161082"|"6912278"|"7 123710"|"7917584"|"20 020178087"|"20030220 121"|"20050086309"|"2 0050138119"|"2006014 8516"|"5790637"|"6473 425").PN.				
L51	266	L50	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2015/12/30 09:33 AM
L52	1021	G06F9/44526.cpc. AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2015/12/30 09:58 AM
L53	37	("20010050923"|"20020 143548"|"20020156844 "|"20030202480"|"2004 0034776"|"2004010321 2"|"20050130650"|"200 50132009"|"200501984 99"|"20050201485"|"20 060168643"|"20060258 289"|"20070136459"|"2 0070165629"|"2007020 6563"|"20070297430"|" 20080273541"|"200900 52399"|"20090240821"| "20090327516"|"20110 122864"|"20110314134	(USPAT; USOCR)	OR	ON	ON	2015/12/30 09:58 AM

		"|"6128283"|"7079529"|" 7092385"|"7487248"|"7 623476"|"20030177422 "|"20050033985"|"2005 0091407"|"6850769"|"7 304985"|"20020037000 "|"20020064167"|"2003 0110047"|"2003017214 5"|"20030214955"|"200 40139230"|"200401538 58"|"20040268257"|"20 050136911"|"20050138 128"|"20060072506"|"2 0060120375"|"2007008 2671"|"20070130253"|" 20110145687"|"621963 8"|"6754181"|"6999575" |"7185114"|"7590758"|" 7623516"|"7774495"|"2 0030035441"|"2003007 6815"|"20030217171"|" 20040260952"|"200500 50227"|"5442637"|"588 9762"|"6343067"|"7080 158"|"20020031212"|"2 0020062285"|"2003004 6585"|"20040052234"|" 20040139228"|"200402 67527"|"20050187781"| "20060121902"|"20060 171534"|"20060187926 "|"20070253435"|"2008 0032695"|"2008016844 0"|"20090055473"|"201 00049980"|"201001072 05"|"20100312897"|"20 110099612"|"20120263 144"|"6141687"|"68984 13"|"7010109"|"734599 9"|"7457279"|"7542472" |"7570743"|"8065418"|" 20020080719"|"200201 76404"|"20030031210"| "20030115251"|"20070 016921"|"6836765"|"20 020042769"|"20020124 096"|"20030009565"|"2 0030043764"|"2003010 5812"|"20040128554"|" 20050004982"|"200501 20073"|"20050220017"| "20060062180"|"20060 182100"|"20060205436 "|"20070019545"|"2008 0091813"|"2008013063 9"|"20090003322"|"200 90156217"|"200902349 67"|"20090257433"|"20				

		100011108"|"20100011111"|"20100279670"|"20100299150"|"20100299313"|"7346044"|"7353252"|"7574523"|"7656870"|"20020087887"|"20020120757"|"20020184310"|"20030046056"|"20030163697"|"20040034793"|"20050195802"|"20070110043"|"20080320096"|"6987756"|"7184415"|"7272377"|"7412374"|"7477282"|"7512652"|"20020097150"|"20020152325"|"20030088676"|"20030126213"|"20030158722"|"20030163525").PN.					
L54	36	("20030187650"|"20040024879"|"20040068567"|"20040203834"|"20040240399"|"20050071481"|"20050143105"|"20050246193"|"20060002355"|"20060069775"|"20060203750"|"20070025270"|"20070190987"|"20070260359"|"20080123685"|"20080250408"|"20100077023"|"6963555"|"6975718"|"7006508"|"7013155"|"7564843"|"7782866"|"20040100973"|"20040158471"|"20040162871"|"20040228279"|"20040267938"|"20050008024"|"20050286519"|"20080192756"|"6766373"|"7613171"|"20020173303"|"20030078858"|"20030212772"|"20040005877"|"20040249953"|"20050033843"|"20050105524"|"20050270992"|"20070078785"|"20070111794"|"20070239892"|"20080019285"|"20080080392"|"20090136016"|"6298129"|"6360196"|"6826613"|"7117526"|"7302496"|"7664495"|"7778187"|"8009586"|"20020166053"|"20030044020"|"20030072485"|"20030174707"|"20050119005"|"20050249196"|"20090192976"|	(USPAT; USOCR)	OR	ON	ON	2015/12/30 09:58 AM

		"6999932"|"7353255"|"20020150110"|"20040039781"|"20040044517"|"20040062267"|"20040148434"|"20040213184"|"20050015502"|"20050144288"|"20050201357"|"20060195402"|"20060218624"|"20060230166"|"20070116224"|"20070274276"|"20080005328"|"20090182815"|"20100312832"|"20110040836"|"5761309"|"6202084"|"6389016"|"6438376"|"6741691"|"6940826"|"7769881"|"20030137939"|"20040139225"|"20060183476"|"20060246903"|"20080069105"|"6031818"|"6311150"|"6574668"|"6842460"|"20020038282"|"20030061025"|"20030061481"|"20030135569"|"20030177186"|"20030217318"|"20030229715"|"20040133689"|"20040143678"|"20050187957"|"20050208947"|"20050254440"|"20060121986"|"20060165029"|"20080235362"|"20080235511"|"20090006076"|"20090088150"|"20090300673"|"20100223047"|"5818447"|"6161082"|"6912278"|"7123710"|"7917584"|"20020020178087"|"20030220121"|"20050086309"|"20050138119"|"20060148516"|"5790637"|"6473425").PN.				
L55	300	("20010050923"|"20020143548"|"20020156844"|"20030202480"|"20040034776"|"20040103212"|"20050130650"|"20050132009"|"20050198499"|"20050201485"|"20060168643"|"20060258289"|"20070136459"|"20070165629"|"20070206563"|"20070297430"|"20080273541"|"20090052399"|"20090240821"|"20090327516"|"20110122864"|"20110314134	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2015/12/30 09:58 AM

		"|"6128283"|"7079529"|" 7092385"|"7487248"|"7 623476"|"20030177422 "|"20050033985"|"2005 0091407"|"6850769"|"7 304985"|"20020037000 "|"20020064167"|"2003 0110047"|"2003017214 5"|"20030214955"|"200 40139230"|"200401538 58"|"20040268257"|"20 050136911"|"20050138 128"|"20060072506"|"2 0060120375"|"2007008 2671"|"20070130253"|" 20110145687"|"621963 8"|"6754181"|"6999575" |"7185114"|"7590758"|" 7623516"|"7774495"|"2 0030035441"|"2003007 6815"|"20030217171"|" 20040260952"|"200500 50227"|"5442637"|"588 9762"|"6343067"|"7080 158"|"20020031212"|"2 0020062285"|"2003004 6585"|"20040052234"|" 20040139228"|"200402 67527"|"20050187781"| "20060121902"|"20060 171534"|"20060187926 "|"20070253435"|"2008 0032695"|"2008016844 0"|"20090055473"|"201 00049980"|"201001072 05"|"20100312897"|"20 110099612"|"20120263 144"|"6141687"|"68984 13"|"7010109"|"734599 9"|"7457279"|"7542472" |"7570743"|"8065418"|" 20020080719"|"200201 76404"|"20030031210"| "20030115251"|"20070 016921"|"6836765"|"20 020042769"|"20020124 096"|"20030009565"|"2 0030043764"|"2003010 5812"|"20040128554"|" 20050004982"|"200501 20073"|"20050220017"| "20060062180"|"20060 182100"|"20060205436 "|"20070019545"|"2008 0091813"|"2008013063 9"|"20090003322"|"200 90156217"|"200902349 67"|"20090257433"|"20				

		100011108"|"20100011111"|"20100279670"|"20100299150"|"20100299313"|"7346044"|"7353252"|"7574523"|"7656870"|"20020087887"|"20020120757"|"20020184310"|"20030046056"|"20030163697"|"20040034793"|"20050195802"|"20070110043"|"20080320096"|"6987756"|"7184415"|"7272377"|"7412374"|"7477282"|"7512652"|"20020097150"|"20020152325"|"20030088676"|"20030126213"|"20030158722"|"20030163525").PN.					
L56	36	("20030187650"|"20040024879"|"20040068567"|"20040203834"|"20040240399"|"20050071481"|"20050143105"|"20050246193"|"20060002355"|"20060069775"|"20060203750"|"20070025270"|"20070190987"|"20070260359"|"20080123685"|"20080250408"|"20100077023"|"6963555"|"6975718"|"7006508"|"7013155"|"7564843"|"7782866"|"20040100973"|"20040158471"|"20040162871"|"20040228279"|"20040267938"|"20050008024"|"20050286519"|"20080192756"|"6766373"|"7613171"|"20020173303"|"20030078858"|"20030212772"|"20040005877"|"20040249953"|"20050033843"|"20050105524"|"20050270992"|"20070078785"|"20070111794"|"20070239892"|"20080019285"|"20080080392"|"20090136016"|"6298129"|"6360196"|"6826613"|"7117526"|"7302496"|"7664495"|"7778187"|"8009586"|"20020166053"|"20030044020"|"20030072485"|"20030174707"|"20050119005"|"20050249196"|"20090192976"|	(USPAT; USOCR)	OR	ON	ON	2015/12/30 09:58 AM

		"6999932"|"7353255"|"20020150110"|"20040039781"|"20040044517"|"20040062267"|"20040148434"|"20040213184"|"20050015502"|"20050144288"|"20050201357"|"20060195402"|"20060218624"|"20060230166"|"20070116224"|"20070274276"|"20080005328"|"20090182815"|"20100312832"|"20110040836"|"5761309"|"6202084"|"6389016"|"6438376"|"6741691"|"6940826"|"7769881"|"20030137939"|"20040139225"|"20060183476"|"20060246903"|"20080069105"|"6031818"|"6311150"|"6574668"|"6842460"|"20020038282"|"20030061025"|"20030061481"|"20030135569"|"20030177186"|"20030217318"|"20030229715"|"20040133689"|"20040143678"|"20050187957"|"20050208947"|"20050254440"|"20060121986"|"20060165029"|"20080235362"|"20080235511"|"20090006076"|"20090088150"|"20090300673"|"20100223047"|"5818447"|"6161082"|"6912278"|"7123710"|"7917584"|"20020178087"|"20030220121"|"20050086309"|"20050138119"|"20060148516"|"5790637"|"6473425").PN.				
L57	438	L52 AND (mobile cell cellular phone iphone) NOT (L37 L39 L41 L43 L45 L48 L53 L54 L55 L56 L50)	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2015/12/30 09:58 AM
L58	438	L57	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2015/12/30 09:58 AM
L59	0	L36 AND without NEAR5 (switch switches switching switched swap swaps swapping swapped change changes	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2015/12/30 10:19 AM

		changing changed move moves moving moved) WITH (superblock super-block super ADJ block function ADJ block function-block functionblock funblock program-block program ADJ block application ADJ block appblock app-block application-block)					
L60	273	without WITH (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved) WITH (superblock super-block super ADJ block function ADJ block function-block functionblock funblock program-block program ADJ block application ADJ block appblock app-block application-block)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2015/12/30 10:20 AM
L61	201	(instead place missing skipping) WITH (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved) WITH (superblock super-block super ADJ block function ADJ block function-block functionblock funblock program-block program ADJ block application ADJ block appblock app-block application-block) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2015/12/30 10:40 AM
L62	52840	(without instead place missing skipping) WITH (switch switches switching switched swap swaps swapping swapped change	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2015/12/30 10:58 AM

		changes changing changed move moves moving moved) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L60 L61)					
L63	39452	(without) WITH (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L60 L61)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2015/12/30 10:58 AM
L64	12	(without) NEAR2 (context NEAR1 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L60 L61)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2015/12/30 10:59 AM
L65	39	(without instead place missing skipping) WITH (context NEAR1 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L60 L61)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2015/12/30 11:02 AM
L66	27	(without instead place missing skipping) WITH (context NEAR1 (switch switches switching switched swap swaps swapping swapped change changes	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2015/12/30 11:02 AM

		changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L60 L61 L64)					
L67	5	(without instead place missing skipping) WITH (context NEAR3 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L60 L61 L64 L66)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2015/12/30 11:08 AM
L68	29	(without instead place missing skipping) WITH (context NEAR5 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L60 L61 L64 L66 L67)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2015/12/30 11:16 AM
L69	109	CHATURVEDI-SIVAKUMAR.in. GUNDABATHULA-SATISH.in. HIREMATH-RASHMI.in. CHATURVEDI-SIVAKUMAR-$.in. GUNDABATHULA-SATISH-$.in. HIREMATH-RASHMI-$.in.	(US-PGPUB; USPAT)	OR	ON	ON	2015/12/30 01:08 PM
L70	4	without ADJ switching NEAR3 context WITH superblock	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/01/03 11:20 AM
L71	3	establishing WITH function WITH block WITH superblock	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/01/03 11:21 AM

L72	11000	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2016/06/03 04:19 PM
L73	67	L72 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2016/06/03 04:19 PM
L74	67	L73	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/06/03 04:19 PM
L75	67	L74	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/06/03 04:19 PM
L76	6	L72 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911" NOT L73	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/06/03 04:19 PM
L77	6	L76	(US-PGPUB; USPAT; EPO; JPO;	OR	ON	ON	2016/06/03 04:19 PM

			DERWENT)				
L78	6	L77	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/06/03 04:19 PM
L79	37	L72 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L73	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/06/03 04:20 PM
L80	37	L79	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/06/03 04:20 PM
L81	37	L80	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/06/03 04:20 PM
L82	133	((window screen pane image display) WITH (plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/06/03 04:20 PM

		(authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L73					
L83	133	L82	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/06/03 04:20 PM
L84	133	L83	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/06/03 04:20 PM
L85	1	((window screen pane image display) WITH (function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT (L73 L76 L79 L82)	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/06/03 04:21 PM
L86	1	L85	(US-PGPUB; USPAT;	OR	ON	ON	2016/06/03

			EPO; JPO; DERWENT)				04:21 PM
L87	1	L86	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/06/03 04:21 PM
L88	134	((window screen pane image display) WITH (function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L73	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/06/03 04:23 PM
L89	3	((window screen pane image display) WITH (((function program application app sub) NEAR2 (block section segment)) plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND(	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/06/03 04:23 PM

		(function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT (L73 L76 L79 L82 L88)					
L90	3	L89	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/06/03 04:23 PM
L91	3	L90	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/06/03 04:23 PM
L92	266	("20030187650"|"20040024879"|"20040068567"|"20040203834"|"20040240399"|"20050071481"|"20050143105"|"20050246193"|"20060002355"|"20060069775"|"20060203750"|"20070025270"|"20070190987"|"20070260359"|"20080123685"|"20080250408"|"20100077023"|"6963555"|"6975718"|"7006508"|"7013155"|"7564843"|"7782866"|"20040100973"|"20040158471"|"20040162871"|"20040228279"|"20040267938"|"20050008024"|"20050286519"|"20080192756"|"6766373"|"7613171"|"20020173303"|"20030078858"|"20030212772"|"20040005877"|"20040249953"|"20050033843"|"20050105524"|"200502	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/06/03 04:24 PM

		70992"|"20070078785"|"20070111794"|"20070239892"|"20080019285"|"20080080392"|"20090136016"|"6298129"|"6360196"|"6826613"|"7117526"|"7302496"|"7664495"|"7778187"|"8009586"|"20020166053"|"20030044020"|"20030072485"|"20030174707"|"20050119005"|"20050249196"|"20090192976"|"6999932"|"7353255"|"20020150110"|"20040039781"|"20040044517"|"20040062267"|"20040148434"|"20040213184"|"20050015502"|"20050144288"|"20050201357"|"20060195402"|"20060218624"|"20060230166"|"20070116224"|"20070274276"|"20080005328"|"20090182815"|"20100312832"|"20110040836"|"5761309"|"6202084"|"6389016"|"6438376"|"6741691"|"6940826"|"7769881"|"20030137939"|"20040139225"|"20060183476"|"20060246903"|"20080069105"|"6031818"|"6311150"|"6574668"|"6842460"|"20020038282"|"20030061025"|"20030061481"|"20030135569"|"20030177186"|"20030217318"|"20030229715"|"20040133689"|"20040143678"|"20050187957"|"20050208947"|"20050254440"|"20060121986"|"20060165029"|"20080235362"|"20080235511"|"20090006076"|"20090088150"|"20090300673"|"20100223047"|"5818447"|"6161082"|"6912278"|"7123710"|"7917584"|"20020020178087"|"20030220121"|"20050086309"|"20050138119"|"20060148516"|"5790637"|"6473425").PN.				
L93	266	L92	(US-PGPUB; USPAT; EPO; JPO;	OR	ON	ON	2016/06/03 04:24 PM

			DERWENT)				
L94	266	L93	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/06/03 04:24 PM
L95	1065	G06F9/44526.cpc. AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2016/06/03 04:25 PM
L96	37	("20010050923"|"20020143548"|"20020156844"|"20030202480"|"20040034776"|"20040103212"|"20050130650"|"20050132009"|"20050198499"|"20050201485"|"20060168643"|"20060258289"|"20070136459"|"20070165629"|"20070206563"|"20070297430"|"20080273541"|"20090052399"|"20090240821"|"20090327516"|"20110122864"|"20110314134"|"6128283"|"7079529"|"7092385"|"7487248"|"7623476"|"20030177422"|"20050033985"|"20050091407"|"6850769"|"7304985"|"20020037000"|"20020064167"|"20030110047"|"20030172145"|"20030214955"|"20040139230"|"20040153858"|"20040268257"|"20050136911"|"20050138128"|"20060072506"|"20060120375"|"20070082671"|"20070130253"|"20110145687"|"6219638"|"6754181"|"6999575"|"7185114"|"7590758"|"7623516"|"7774495"|"20030035441"|"20030076815"|"20030217171"|"20040260952"|"20050050227"|"5442637"|"5889762"|"6343067"|"7080158"|"20020031212"|"20020062285"|"20030046585"|"20040052234"|"20040139228"|"20040267527"|"20050187781"|"20060121902"|"20060171534"|"20060187926"|"20070253435"|"20080032695"|"20080168440"|"20090055473"|"20100049980"|"201001072	(USPAT; USOCR)	OR	ON	ON	2016/06/03 04:25 PM

		05"|"20100312897"|"20110099612"|"20120263144"|"6141687"|"6898413"|"7010109"|"7345999"|"7457279"|"7542472"|"7570743"|"8065418"|"20020080719"|"20020176404"|"20030031210"|"20030115251"|"20070016921"|"6836765"|"20020042769"|"20020124096"|"20030009565"|"20030043764"|"20030105812"|"20040128554"|"20050004982"|"20050120073"|"20050220017"|"20060062180"|"20060182100"|"20060205436"|"20070019545"|"20080091813"|"20080130639"|"20090003322"|"20090156217"|"20090234967"|"20090257433"|"20100011108"|"20100011111"|"20100279670"|"20100299150"|"20100299313"|"7346044"|"7353252"|"7574523"|"7656870"|"20020087887"|"20020120757"|"20020184310"|"20030046056"|"20030163697"|"20040034793"|"20050195802"|"20070110043"|"20080320096"|"6987756"|"7184415"|"7272377"|"7412374"|"7477282"|"7512652"|"20020097150"|"20020152325"|"20030088676"|"20030126213"|"20030158722"|"20030163525").PN.					
L97	36	("20030187650"|"20040024879"|"20040068567"|"20040203834"|"20040240399"|"20050071481"|"20050143105"|"20050246193"|"20060002355"|"20060069775"|"20060203750"|"20070025270"|"20070190987"|"20070260359"|"20080123685"|"20080250408"|"20100077023"|"6963555"|"6975718"|"7006508"|"7013155"|"7564843"|"7782866"|"20040100973"|"20040158471"|"200	(USPAT; USOCR)	OR	ON	ON	2016/06/03 04:25 PM

		40162871"|"200402282 79"|"20040267938"|"20 050008024"|"20050286 519"|"20080192756"|"6 766373"|"7613171"|"20 020173303"|"20030078 858"|"20030212772"|"2 0040005877"|"2004024 9953"|"20050033843"|" 20050105524"|"200502 70992"|"20070078785"| "20070111794"|"20070 239892"|"20080019285 "|"20080080392"|"2009 0136016"|"6298129"|"6 360196"|"6826613"|"71 17526"|"7302496"|"766 4495"|"7778187"|"8009 586"|"20020166053"|"2 0030044020"|"2003007 2485"|"20030174707"|" 20050119005"|"200502 49196"|"20090192976"| "6999932"|"7353255"|"2 0020150110"|"2004003 9781"|"20040044517"|" 20040062267"|"200401 48434"|"20040213184"| "20050015502"|"20050 144288"|"20050201357 "|"20060195402"|"2006 0218624"|"2006023016 6"|"20070116224"|"200 70274276"|"200800053 28"|"20090182815"|"20 100312832"|"20110040 836"|"5761309"|"62020 84"|"6389016"|"643837 6"|"6741691"|"6940826" |"7769881"|"200301379 39"|"20040139225"|"20 060183476"|"20060246 903"|"20080069105"|"6 031818"|"6311150"|"65 74668"|"6842460"|"200 20038282"|"200300610 25"|"20030061481"|"20 030135569"|"20030177 186"|"20030217318"|"2 0030229715"|"2004013 3689"|"20040143678"|" 20050187957"|"200502 08947"|"20050254440"| "20060121986"|"20060 165029"|"20080235362 "|"20080235511"|"2009 0006076"|"2009008815 0"|"20090300673"|"201					

		00223047"|"5818447"|"6161082"|"6912278"|"7123710"|"7917584"|"20020178087"|"20030220121"|"20050086309"|"20050138119"|"20060148516"|"5790637"|"6473425").PN.					
L98	301	("20010050923"|"20020143548"|"20020156844"|"20030202480"|"20040034776"|"20040103212"|"20050130650"|"20050132009"|"20050198499"|"20050201485"|"20060168643"|"20060258289"|"20070136459"|"20070165629"|"20070206563"|"20070297430"|"20080273541"|"20090052399"|"20090240821"|"20090327516"|"20110122864"|"20110314134"|"6128283"|"7079529"|"7092385"|"7487248"|"7623476"|"20030177422"|"20050033985"|"20050091407"|"6850769"|"7304985"|"20020037000"|"20020064167"|"20030110047"|"20030172145"|"20030214955"|"20040139230"|"20040153858"|"20040268257"|"20050136911"|"20050138128"|"20060072506"|"20060120375"|"20070082671"|"20070130253"|"20110145687"|"6219638"|"6754181"|"6999575"|"7185114"|"7590758"|"7623516"|"7774495"|"20030035441"|"20030076815"|"20030217171"|"20040260952"|"20050050227"|"5442637"|"5889762"|"6343067"|"7080158"|"20020031212"|"20020062285"|"20030046585"|"20040052234"|"20040139228"|"20040267527"|"20050187781"|"20060121902"|"20060171534"|"20060187926"|"20070253435"|"20080032695"|"20080168440"|"20090055473"|"20100049980"|"201001072	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/06/03 04:25 PM

		05"|"20100312897"|"20110099612"|"20120263144"|"6141687"|"6898413"|"7010109"|"7345999"|"7457279"|"7542472"|"7570743"|"8065418"|"20020080719"|"20020176404"|"20030031210"|"20030115251"|"20070016921"|"6836765"|"20020042769"|"20020124096"|"20030009565"|"20030043764"|"20030105812"|"20040128554"|"20050004982"|"20050120073"|"20050220017"|"20060062180"|"20060182100"|"20060205436"|"20070019545"|"20080091813"|"20080130639"|"20090003322"|"20090156217"|"20090234967"|"20090257433"|"20100011108"|"20100011111"|"20100279670"|"20100299150"|"20100299313"|"7346044"|"7353252"|"7574523"|"7656870"|"20020087887"|"20020120757"|"20020184310"|"20030046056"|"20030163697"|"20040034793"|"20050195802"|"20070110043"|"20080320096"|"6987756"|"7184415"|"7272377"|"7412374"|"7477282"|"7512652"|"20020097150"|"20020152325"|"20030088676"|"20030126213"|"20030158722"|"20030163525").PN.					
L99	36	("20030187650"|"20040024879"|"20040068567"|"20040203834"|"20040240399"|"20050071481"|"20050143105"|"20050246193"|"20060002355"|"20060069775"|"20060203750"|"20070025270"|"20070190987"|"20070260359"|"20080123685"|"20080250408"|"20100077023"|"6963555"|"6975718"|"7006508"|"7013155"|"7564843"|"7782866"|"20040100973"|"20040158471"|"200	(USPAT; USOCR)	OR	ON	ON	2016/06/03 04:25 PM

		40162871"|"200402282 79"|"20040267938"|"20 050008024"|"20050286 519"|"20080192756"|"6 766373"|"7613171"|"20 020173303"|"20030078 858"|"20030212772"|"2 0040005877"|"2004024 9953"|"20050033843"|" 20050105524"|"200502 70992"|"20070078785"| "20070111794"|"20070 239892"|"20080019285 "|"20080080392"|"2009 0136016"|"6298129"|"6 360196"|"6826613"|"71 17526"|"7302496"|"766 4495"|"7778187"|"8009 586"|"20020166053"|"2 0030044020"|"2003007 2485"|"20030174707"|" 20050119005"|"200502 49196"|"20090192976"| "6999932"|"7353255"|"2 0020150110"|"2004003 9781"|"20040044517"|" 20040062267"|"200401 48434"|"20040213184"| "20050015502"|"20050 144288"|"20050201357 "|"20060195402"|"2006 0218624"|"2006023016 6"|"20070116224"|"200 70274276"|"200800053 28"|"20090182815"|"20 100312832"|"20110040 836"|"5761309"|"62020 84"|"6389016"|"643837 6"|"6741691"|"6940826" |"7769881"|"200301379 39"|"20040139225"|"20 060183476"|"20060246 903"|"20080069105"|"6 031818"|"6311150"|"65 74668"|"6842460"|"200 20038282"|"200300610 25"|"20030061481"|"20 030135569"|"20030177 186"|"20030217318"|"2 0030229715"|"2004013 3689"|"20040143678"|" 20050187957"|"200502 08947"|"20050254440"| "20060121986"|"20060 165029"|"20080235362 "|"20080235511"|"2009 0006076"|"2009008815 0"|"20090300673"|"201					

		00223047"|"5818447"|"6161082"|"6912278"|"7123710"|"7917584"|"20020178087"|"20030220121"|"20050086309"|"20050138119"|"20060148516"|"5790637"|"6473425").PN.					
L100	462	L95 AND (mobile cell cellular phone iphone) NOT (L73 L76 L79 L82 L85 L89 L96 L97 L98 L99 L92)	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2016/06/03 04:25 PM
L101	462	L100	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/06/03 04:25 PM
L102	462	L101	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/06/03 04:25 PM
L103	0	L72 AND without NEAR5 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved) WITH (superblock super-block super ADJ block function ADJ block function-block functionblock funblock program-block program ADJ block application ADJ block appblock app-block application-block)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/06/03 04:27 PM
L104	0	L103	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/06/03 04:27 PM
L105	285	without WITH (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved) WITH (superblock super-block super ADJ block function ADJ block function-block functionblock funblock program-block program ADJ block application	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/06/03 04:28 PM

		ADJ block appblock app-block application-block)					
L106	285	L105	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/06/03 04:28 PM
L107	203	(instead place missing skipping) WITH (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved) WITH (superblock super-block super ADJ block function ADJ block function-block functionblock funblock program-block program ADJ block application ADJ block appblock app-block application-block) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/06/03 04:29 PM
L108	203	L107	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/06/03 04:29 PM
L109	12	(without) NEAR2 (context NEAR1 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L105 L107)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/06/03 04:31 PM
L110	12	L109	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/06/03 04:31 PM
L111	40	(without instead place missing skipping) WITH (context NEAR1 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/06/03 04:31 PM

		ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L105 L107)					
L112	40	L111	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/06/03 04:31 PM
L113	28	(without instead place missing skipping) WITH (context NEAR1 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L105 L107 L109)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/06/03 04:34 PM
L114	28	L113	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/06/03 04:34 PM
L115	5	(without instead place missing skipping) WITH (context NEAR3 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L105 L107 L109 L113)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/06/03 04:34 PM
L116	5	L115	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/06/03 04:34 PM
L117	29	(without instead place missing skipping) WITH (context NEAR5 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/06/03 04:35 PM

		section layer) AND @ad<"20130911" NOT (L105 L107 L109 L113 L115)					
L118	29	L117	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/06/03 04:35 PM
L119	119	CHATURVEDI-SIVAKUMAR.in. GUNDABATHULA-SATISH.in. HIREMATH-RASHMI.in. CHATURVEDI-SIVAKUMAR-$.in. GUNDABATHULA-SATISH-$.in. HIREMATH-RASHMI-$.in.	(US-PGPUB; USPAT)	OR	ON	ON	2016/06/03 04:38 PM
L120	119	L119	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/06/03 04:38 PM
L121	5	without ADJ switching NEAR3 context WITH superblock	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/06/03 04:39 PM
L122	5	L121	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/06/03 04:39 PM
L123	4	establishing WITH function WITH block WITH superblock	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/06/03 04:39 PM
L124	4	L123	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/06/03 04:39 PM
L128	11491	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2016/12/20 10:19 AM
L129	67	L128 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2016/12/20 10:19 AM

		allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"					
L130	67	L129	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/20 10:19 AM
L131	67	L130	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/12/20 10:19 AM
L132	67	L131	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/20 10:19 AM
L133	7	L128 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911" NOT L129	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/12/20 10:20 AM
L134	7	L133	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/20 10:20 AM
L135	7	L134	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/12/20 10:20 AM
L136	7	L135	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/20 10:20 AM
L137	39	L128 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/12/20 10:26 AM

		determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L129					
L138	39	L137	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/20 10:26 AM
L139	39	L138	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/12/20 10:26 AM
L140	39	L139	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/20 10:26 AM
L141	135	((window screen pane image display) WITH (plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/12/20 10:27 AM

		L129					
L142	135	L141	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/20 10:27 AM
L143	135	L142	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/12/20 10:27 AM
L144	135	L143	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/20 10:27 AM
L145	1	((window screen pane image display) WITH (function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT (L129 L133 L137 L141)	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/12/20 10:28 AM
L146	1	L145	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/20 10:28 AM
L147	1	L146	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/12/20 10:28 AM
L148	1	L147	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/20 10:28 AM

L149	136	((window screen pane image display) WITH (function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L129	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/12/20 10:29 AM
L150	3	((window screen pane image display) WITH (((function program application app sub) NEAR2 (block section segment)) plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/12/20 10:29 AM

		verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT (L129 L133 L137 L141 L149)					
L151	3	L150	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/20 10:29 AM
L152	3	L151	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/12/20 10:29 AM
L153	3	L152	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/20 10:29 AM
L154	268	("20030187650"|"20040024879"|"20040068567"|"20040203834"|"20040240399"|"20050071481"|"20050143105"|"20050246193"|"20060002355"|"20060069775"|"20060203750"|"20070025270"|"20070190987"|"20070260359"|"20080123685"|"20080250408"|"20100077023"|"6963555"|"6975718"|"7006508"|"7013155"|"7564843"|"7782866"|"20040100973"|"20040158471"|"20040162871"|"20040228279"|"20040267938"|"20050008024"|"20050286519"|"20080192756"|"6766373"|"7613171"|"20020173303"|"20030078858"|"20030212772"|"20040005877"|"20040249953"|"20050033843"|"20050105524"|"20050270992"|"20070078785"|"20070111794"|"20070	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/12/20 10:31 AM

		239892"|"20080019285"|"20080080392"|"20090136016"|"6298129"|"6360196"|"6826613"|"7117526"|"7302496"|"7664495"|"7778187"|"8009586"|"20020166053"|"20030044020"|"20030072485"|"20030174707"|"20050119005"|"20050249196"|"20090192976"|"6999932"|"7353255"|"20020150110"|"20040039781"|"20040044517"|"20040062267"|"20040148434"|"20040213184"|"20050015502"|"20050144288"|"20050201357"|"20060195402"|"20060218624"|"20060230166"|"20070116224"|"20070274276"|"20080005328"|"20090182815"|"20100312832"|"20110040836"|"5761309"|"6202084"|"6389016"|"6438376"|"6741691"|"6940826"|"7769881"|"20030137939"|"20040139225"|"20060183476"|"20060246903"|"20080069105"|"6031818"|"6311150"|"6574668"|"6842460"|"20020038282"|"20030061025"|"20030061481"|"20030135569"|"20030177186"|"20030217318"|"20030229715"|"20040133689"|"20040143678"|"20050187957"|"20050208947"|"20050254440"|"20060121986"|"20060165029"|"20080235362"|"20080235511"|"20090006076"|"20090088150"|"20090300673"|"20100223047"|"5818447"|"6161082"|"6912278"|"7123710"|"7917584"|"20020020178087"|"20030220121"|"20050086309"|"20050138119"|"20060148516"|"5790637"|"6473425").PN.				
L155	268	L154	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/20 10:31 AM

L156	268	L155	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/12/20 10:31 AM
L157	268	L156	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/20 10:31 AM
L158	1107	G06F9/44526.cpc. AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2016/12/20 10:32 AM
L159	37	("20010050923"|"20020143548"|"20020156844"|"20030202480"|"20040034776"|"20040103212"|"20050130650"|"20050132009"|"20050198499"|"20050201485"|"20060168643"|"20060258289"|"20070136459"|"20070165629"|"20070206563"|"20070297430"|"20080273541"|"20090052399"|"20090240821"|"20090327516"|"20110122864"|"20110314134"|"6128283"|"7079529"|"7092385"|"7487248"|"7623476"|"20030177422"|"20050033985"|"20050091407"|"6850769"|"7304985"|"20020037000"|"20020064167"|"20030110047"|"20030172145"|"20030214955"|"20040139230"|"20040153858"|"20040268257"|"20050136911"|"20050138128"|"20060072506"|"20060120375"|"20070082671"|"20070130253"|"20110145687"|"6219638"|"6754181"|"6999575"|"7185114"|"7590758"|"7623516"|"7774495"|"20030035441"|"20030076815"|"20030217171"|"20040260952"|"20050050227"|"5442637"|"5889762"|"6343067"|"7080158"|"20020031212"|"20020062285"|"20030046585"|"20040052234"|"20040139228"|"20040267527"|"20050187781"|"20060121902"|"20060171534"|"20060187926"|"20070253435"|"20080032695"|"2008016844	(USPAT; USOCR)	OR	ON	ON	2016/12/20 10:32 AM

		0"|"20090055473"|"201 00049980"|"201001072 05"|"20100312897"|"20 110099612"|"20120263 144"|"6141687"|"68984 13"|"7010109"|"734599 9"|"7457279"|"7542472" |"7570743"|"8065418"|" 20020080719"|"200201 76404"|"20030031210"| "20030115251"|"20070 016921"|"6836765"|"20 020042769"|"20020124 096"|"20030009565"|"2 0030043764"|"2003010 5812"|"20040128554"|" 20050004982"|"200501 20073"|"20050220017"| "20060062180"|"20060 182100"|"20060205436 "|"20070019545"|"2008 0091813"|"2008013063 9"|"20090003322"|"200 90156217"|"200902349 67"|"20090257433"|"20 100011108"|"20100011 111"|"20100279670"|"2 0100299150"|"2010029 9313"|"7346044"|"7353 252"|"7574523"|"76568 70"|"20020087887"|"20 020120757"|"20020184 310"|"20030046056"|"2 0030163697"|"2004003 4793"|"20050195802"|" 20070110043"|"200803 20096"|"6987756"|"718 4415"|"7272377"|"7412 374"|"7477282"|"75126 52"|"20020097150"|"20 020152325"|"20030088 676"|"20030126213"|"2 0030158722"|"2003016 3525").PN.					
L160	36	("20030187650"|"20040 024879"|"20040068567 "|"20040203834"|"2004 0240399"|"2005007148 1"|"20050143105"|"200 50246193"|"200600023 55"|"20060069775"|"20 060203750"|"20070025 270"|"20070190987"|"2 0070260359"|"2008012 3685"|"20080250408"|" 20100077023"|"696355 5"|"6975718"|"7006508" |"7013155"|"7564843"|"	(USPAT; USOCR)	OR	ON	ON	2016/12/20 10:32 AM

		7782866"|"2004010097 3"|"20040158471"|"200 40162871"|"200402282 79"|"20040267938"|"20 050008024"|"20050286 519"|"20080192756"|"6 766373"|"7613171"|"20 020173303"|"20030078 858"|"20030212772"|"2 0040005877"|"2004024 9953"|"20050033843"|" 20050105524"|"200502 70992"|"20070078785"| "20070111794"|"20070 239892"|"20080019285 "|"20080080392"|"2009 0136016"|"6298129"|"6 360196"|"6826613"|"71 17526"|"7302496"|"766 4495"|"7778187"|"8009 586"|"20020166053"|"2 0030044020"|"2003007 2485"|"20030174707"|" 20050119005"|"200502 49196"|"20090192976"| "6999932"|"7353255"|"2 0020150110"|"2004003 9781"|"20040044517"|" 20040062267"|"200401 48434"|"20040213184"| "20050015502"|"20050 144288"|"20050201357 "|"20060195402"|"2006 0218624"|"2006023016 6"|"20070116224"|"200 70274276"|"200800053 28"|"20090182815"|"20 100312832"|"20110040 836"|"5761309"|"62020 84"|"6389016"|"643837 6"|"6741691"|"6940826" |"7769881"|"200301379 39"|"20040139225"|"20 060183476"|"20060246 903"|"20080069105"|"6 031818"|"6311150"|"65 74668"|"6842460"|"200 20038282"|"200300610 25"|"20030061481"|"20 030135569"|"20030177 186"|"20030217318"|"2 0030229715"|"2004013 3689"|"20040143678"|" 20050187957"|"200502 08947"|"20050254440"| "20060121986"|"20060 165029"|"20080235362 "|"20080235511"|"2009					

		0006076"|"2009008815 0"|"20090300673"|"201 00223047"|"5818447"|" 6161082"|"6912278"|"7 123710"|"7917584"|"20 020178087"|"20030220 121"|"20050086309"|"2 0050138119"|"2006014 8516"|"5790637"|"6473 425").PN.					
L161	301	("20010050923"|"20020 143548"|"20020156844 "|"20030202480"|"2004 0034776"|"2004010321 2"|"20050130650"|"200 50132009"|"200501984 99"|"20050201485"|"20 060168643"|"20060258 289"|"20070136459"|"2 0070165629"|"2007020 6563"|"20070297430"|" 20080273541"|"200900 52399"|"20090240821"| "20090327516"|"20110 122864"|"20110314134 "|"6128283"|"7079529"|" 7092385"|"7487248"|"7 623476"|"20030177422 "|"20050033985"|"2005 0091407"|"6850769"|"7 304985"|"20020037000 "|"20020064167"|"2003 0110047"|"2003017214 5"|"20030214955"|"200 40139230"|"200401538 58"|"20040268257"|"20 050136911"|"20050138 128"|"20060072506"|"2 0060120375"|"2007008 2671"|"20070130253"|" 20110145687"|"621963 8"|"6754181"|"6999575" |"7185114"|"7590758"|" 7623516"|"7774495"|"2 0030035441"|"2003007 6815"|"20030217171"|" 20040260952"|"200500 50227"|"5442637"|"588 9762"|"6343067"|"7080 158"|"20020031212"|"2 0020062285"|"2003004 6585"|"20040052234"|" 20040139228"|"200402 67527"|"20050187781"| "20060121902"|"20060 171534"|"20060187926 "|"20070253435"|"2008 0032695"|"2008016844	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/12/20 10:32 AM

		0"|"20090055473"|"201 00049980"|"201001072 05"|"20100312897"|"20 110099612"|"20120263 144"|"6141687"|"68984 13"|"7010109"|"734599 9"|"7457279"|"7542472" |"7570743"|"8065418"|" 20020080719"|"200201 76404"|"20030031210"| "20030115251"|"20070 016921"|"6836765"|"20 020042769"|"20020124 096"|"20030009565"|"2 0030043764"|"2003010 5812"|"20040128554"|" 20050004982"|"200501 20073"|"20050220017"| "20060062180"|"20060 182100"|"20060205436 "|"20070019545"|"2008 0091813"|"2008013063 9"|"20090003322"|"200 90156217"|"200902349 67"|"20090257433"|"20 100011108"|"20100011 111"|"20100279670"|"2 0100299150"|"2010029 9313"|"7346044"|"7353 252"|"7574523"|"76568 70"|"20020087887"|"20 020120757"|"20020184 310"|"20030046056"|"2 0030163697"|"2004003 4793"|"20050195802"|" 20070110043"|"200803 20096"|"6987756"|"718 4415"|"7272377"|"7412 374"|"7477282"|"75126 52"|"20020097150"|"20 020152325"|"20030088 676"|"20030126213"|"2 0030158722"|"2003016 3525").PN.					
L162	36	("20030187650"|"20040 024879"|"20040068567 "|"20040203834"|"2004 0240399"|"2005007148 1"|"20050143105"|"200 50246193"|"200600023 55"|"20060069775"|"20 060203750"|"20070025 270"|"20070190987"|"2 0070260359"|"2008012 3685"|"20080250408"|" 20100077023"|"696355 5"|"6975718"|"7006508" |"7013155"|"7564843"|"	(USPAT; USOCR)	OR	ON	ON	2016/12/20 10:32 AM

		7782866"|"2004010097 3"|"20040158471"|"200 40162871"|"200402282 79"|"20040267938"|"20 050008024"|"20050286 519"|"20080192756"|"6 766373"|"7613171"|"20 020173303"|"20030078 858"|"20030212772"|"2 0040005877"|"2004024 9953"|"20050033843"|" 20050105524"|"200502 70992"|"20070078785"| "20070111794"|"20070 239892"|"20080019285 "|"20080080392"|"2009 0136016"|"6298129"|"6 360196"|"6826613"|"71 17526"|"7302496"|"766 4495"|"7778187"|"8009 586"|"20020166053"|"2 0030044020"|"2003007 2485"|"20030174707"|" 20050119005"|"200502 49196"|"20090192976"| "6999932"|"7353255"|"2 0020150110"|"2004003 9781"|"20040044517"|" 20040062267"|"200401 48434"|"20040213184"| "20050015502"|"20050 144288"|"20050201357 "|"20060195402"|"2006 0218624"|"2006023016 6"|"20070116224"|"200 70274276"|"200800053 28"|"20090182815"|"20 100312832"|"20110040 836"|"5761309"|"62020 84"|"6389016"|"643837 6"|"6741691"|"6940826" |"7769881"|"200301379 39"|"20040139225"|"20 060183476"|"20060246 903"|"20080069105"|"6 031818"|"6311150"|"65 74668"|"6842460"|"200 20038282"|"200300610 25"|"20030061481"|"20 030135569"|"20030177 186"|"20030217318"|"2 0030229715"|"2004013 3689"|"20040143678"|" 20050187957"|"200502 08947"|"20050254440"| "20060121986"|"20060 165029"|"20080235362 "|"20080235511"|"2009					

		0006076"|"20090088150"|"20090300673"|"20100223047"|"5818447"|"6161082"|"6912278"|"7123710"|"7917584"|"20020178087"|"20030220121"|"20050086309"|"20050138119"|"20060148516"|"5790637"|"6473425").PN.					
L163	482	L158 AND (mobile cell cellular phone iphone) NOT (L129 L133 L137 L141 L145 L150 L159 L160 L161 L162 L154)	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2016/12/20 10:32 AM
L164	482	L163	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/20 10:32 AM
L165	482	L164	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/12/20 10:32 AM
L166	482	L165	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/20 10:32 AM
L167	0	L128 AND without NEAR5 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved) WITH (superblock super-block super ADJ block function ADJ block function-block functionblock funblock program-block program ADJ block application ADJ block appblock app-block application-block)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/20 10:49 AM
L168	0	L167	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/12/20 10:49 AM
L169	0	L168	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/20 10:49 AM
L170	292	without WITH (switch switches switching switched swap swaps swapping swapped change changes changing changed	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/20 10:49 AM

		move moves moving moved) WITH (superblock super-block super ADJ block function ADJ block function-block functionblock funblock program-block program ADJ block application ADJ block appblock app-block application-block)					
L171	292	L170	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/12/20 10:49 AM
L172	292	L171	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/20 10:49 AM
L173	204	(instead place missing skipping) WITH (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved) WITH (superblock super-block super ADJ block function ADJ block function-block functionblock funblock program-block program ADJ block application ADJ block appblock app-block application-block) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/20 10:50 AM
L174	204	L173	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/12/20 10:50 AM
L175	204	L174	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/20 10:50 AM
L176	12	(without) NEAR2 (context NEAR1 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/20 10:51 AM

		@ad<"20130911" NOT (L170 L173)					
L177	12	L176	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/12/20 10:51 AM
L178	12	L177	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/20 10:51 AM
L179	41	(without instead place missing skipping) WITH (context NEAR1 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L170 L173)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/20 10:51 AM
L180	41	L179	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/12/20 10:51 AM
L181	41	L180	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/20 10:51 AM
L182	29	(without instead place missing skipping) WITH (context NEAR1 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L170 L173 L176)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/20 10:52 AM
L183	29	L182	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/12/20 10:52 AM
L184	29	L183	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/20 10:52 AM
L185	5	(without instead place missing skipping) WITH (context NEAR3 (switch switches switching switched swap swaps	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/20 10:52 AM

		swapping swapped change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L170 L173 L176 L182)					
L186	5	L185	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/12/20 10:52 AM
L187	5	L186	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/20 10:52 AM
L188	7	without ADJ switching NEAR3 context WITH superblock	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/20 10:53 AM
L189	7	L188	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/12/20 10:53 AM
L190	7	L189	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/20 10:53 AM
L191	7	establishing WITH function WITH block WITH superblock	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/20 10:53 AM
L192	7	L191	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/12/20 10:53 AM
L193	7	L192	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/20 10:53 AM
L194	59	(establish establishes establishing established establishment ascertain ascertains ascertaining ascertained determine determines determining determined determination discover discovers discovering discovered discovery learn learns learning learned (find finds finding) ADJ out found certain confirm confirms confirming confirmed confirmation) WITH (lack lacks lacking lacked without) WITH (superblock super-block super ADJ block (parent child primary secondary	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/20 11:15 AM

		top bottom) ADJ block) AND @ad<"20130911"					
L195	56	(establish establishes establishing established establishment ascertain ascertains ascertaining ascertained determine determines determining determined determination discover discovers discovering discovered discovery learn learns learning learned (find finds finding) ADJ out found certain confirm confirms confirming confirmed confirmation) WITH (lack lacks lacking lacked without) WITH ((parent child primary secondary top bottom) ADJ (application program app)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/20 11:25 AM
L196	175	(network net grid web cloud LAN WAN) SAME ((lack lacks lacking lacked without) WITH ((master slave parent child primary secondary top bottom) ADJ (application program app))) AND @ad<"20130911" NOT (L194 L195)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/20 11:37 AM
L197	2993	(network net grid web cloud LAN WAN) SAME ((lack lacks lacking lacked without) WITH ((support supports supporting supported supporter maintain maintains maintaining maintained maintanence) NEAR5 (application program app))) AND @ad<"20130911" NOT (L194 L195 L196)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/20 12:13 PM
L198	1923	(network net grid web cloud LAN WAN) WITH ((lack lacks lacking lacked without) WITH ((support supports supporting supported supporter maintain	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/20 12:14 PM

		maintains maintaining maintained maintanence) NEAR5 (application program app))) AND @ad<"20130911" NOT (L194 L195 L196)					
L199	1003	(network net grid web cloud LAN WAN) WITH ((lack lacks lacking lacked without) NEAR5 ((support supports supporting supported supporter maintain maintains maintaining maintained maintanence) NEAR5 (application program app))) AND @ad<"20130911" NOT (L194 L195 L196)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/20 12:14 PM
L200	267	(network net grid web cloud LAN WAN) NEAR5 ((lack lacks lacking lacked without) NEAR3 ((support supports supporting supported supporter maintain maintains maintaining maintained maintanence) NEAR3 (application program app))) AND @ad<"20130911" NOT (L194 L195 L196)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/20 12:14 PM
L201	60	("20010050923"|"20020031212"|"20020037000"|"20020038282"|"20020042769"|"20020062285"|"20020064167"|"20020080719"|"20020087887"|"20020097150"|"20020120757"|"20020124096"|"20020143548"|"20020150110"|"20020152325"|"20020156844"|"20020166053"|"20020173303"|"20020176404"|"20020178087"|"20020184310"|"20030009565"|"20030031210"|"20030035441"|"20030043764"|"20030044020"|"20030046056"|"20030046585"|"20030061025"|"20030061481"|"20030072485"|"20030076815"|"2	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2016/12/21 12:27 PM

		0030078858"|"20030088676"|"20030105812"|"20030110047"|"20030115251"|"20030126213"|"20030135569"|"20030137939"|"20030158722"|"20030163525"|"20030163697"|"20030172145"|"20030174707"|"20030177186"|"20030177422"|"20030187650"|"20030202480"|"20030212772"|"20030214955"|"20030217171"|"20030217318"|"20030220121"|"20030229715"|"20040005877"|"20040024879"|"20040034776"|"20040034793"|"20040039781").PN.					
L202	110	("20040044517"|"20040052234"|"20040062267"|"20040068567"|"20040100973"|"20040103212"|"20040128554"|"20040133689"|"20040139225"|"20040139228"|"20040139230"|"20040143678"|"20040148434"|"20040153858"|"20040158471"|"20040162871"|"20040193599"|"20040203834"|"20040213184"|"20040228279"|"20040240399"|"20040249885"|"20040249953"|"20040260952"|"20040267527"|"20040267938"|"20040268257"|"20050004982"|"20050008024"|"20050015502"|"20050033843"|"20050033985"|"20050050227"|"20050071481"|"20050086309"|"20050091407"|"20050105524"|"20050119005"|"20050120073"|"20050130650"|"20050132009"|"20050136911"|"20050138119"|"20050138128"|"20050143105"|"20050144288"|"20050187781"|"20050187957"|"20050195802"|"20050198499"|"20050201357"|"20050201485"|"20050208947"|"20050220017"|"20050246193"|"200502	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2016/12/21 12:27 PM

		49196"|"20050254440"|"20050270992"|"20050286519"|"20060002355"|"20060062180"|"20060069775"|"20060072506"|"20060120375"|"20060121902"|"20060121986"|"20060148516"|"20060165029"|"20060168643"|"20060171534"|"20060182100"|"20060183476"|"20060187926"|"20060195402"|"20060203750"|"20060205436"|"20060218624"|"20060230166"|"20060233117"|"20060246903"|"20060258289"|"20070016921"|"20070019545"|"20070025270"|"20070078785"|"20070082671"|"20070110043"|"20070111794"|"20070116224"|"20070130253"|"20070136459"|"20070165629"|"20070190987"|"20070206563"|"20070239892"|"20070253435"|"20070260359"|"20070274276"|"20070280253"|"20070294626"|"20070297430"|"20080005328"|"20080019285"|"20080032695"|"20080046984"|"20080069105"|"20080080392"|"20080091813"|"20080123685"|"20080130639").PN.					
L203	130	("20080168440"|"20080192756"|"20080235362"|"20080235511"|"20080244718"|"20080250408"|"20080273541"|"20080320096"|"20080320565"|"20090003322"|"20090006076"|"20090052399"|"20090055473"|"20090088150"|"20090136016"|"20090156217"|"20090182815"|"20090192976"|"20090234967"|"20090240821"|"20090257433"|"20090300673"|"20090327516"|"20100011108"|"20100011111"|"20100049980"|"20100058353"|"20100077023"|"20100107205"|"20	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2016/12/21 12:27 PM

		100174783"|"20100191954"|"20100223047"|"20100279670"|"20100299150"|"20100299313"|"20100312832"|"20100312897"|"20110040836"|"20110099612"|"20110122864"|"20110141220"|"20110145687"|"20110307556"|"20110314134"|"20110320821"|"20120078609"|"20120124191"|"20120263144"|"20130067004"|"20130106989"|"20130111064"|"20130125145"|"20150026700"|"5442637"|"5761309"|"5790637"|"5818447"|"5889762"|"6031818"|"6128283"|"6141687"|"6161082"|"6195694"|"6202084"|"6219638"|"6298129"|"6311150"|"6343067"|"6360196"|"6389016"|"6438376"|"6473425"|"6574668"|"6606112"|"6741691"|"6754181"|"6766373"|"6826613"|"6836765"|"6842460"|"6850769"|"6898413"|"6912278"|"6940826"|"6963555"|"6975718"|"6987756"|"6999575"|"6999932"|"7006508"|"7010109"|"7013155"|"7079529"|"7080158"|"7092385"|"7117526"|"7123710"|"7184415"|"7185114"|"7272377"|"7302496"|"7304985"|"7345999"|"7346044"|"7353252"|"7353255"|"7412374"|"7457279"|"7477282"|"7487248"|"7512652"|"7542472"|"7564843"|"7570743"|"7574523"|"7590758"|"7613171"|"7623476"|"7623516"|"7656870"|"7664495"|"7769881"|"7774495"|"7778187"|"7782866"|"7917584"|"8009586"|"8065418"|"8200796"|"8407576").PN.					
L204	37	("20010050923"|"20020143548"|"20020156844"|"20030202480"|"20040034776"|"20040103212"|"20050130650"|"200	(USPAT; USOCR)	OR	ON	ON	2016/12/21 12:28 PM

		50132009"|"200501984 99"|"20050201485"|"20 060168643"|"20060258 289"|"20070136459"|"2 0070165629"|"2007020 6563"|"20070297430"|" 20080273541"|"200900 52399"|"20090240821"| "20090327516"|"20110 122864"|"20110314134 "|"6128283"|"7079529"|" 7092385"|"7487248"|"7 623476"|"20030177422 "|"20050033985"|"2005 0091407"|"6850769"|"7 304985"|"20020037000 "|"20020064167"|"2003 0110047"|"2003017214 5"|"20030214955"|"200 40139230"|"200401538 58"|"20040268257"|"20 050136911"|"20050138 128"|"20060072506"|"2 0060120375"|"2007008 2671"|"20070130253"|" 20110145687"|"621963 8"|"6754181"|"6999575" |"7185114"|"7590758"|" 7623516"|"7774495"|"2 0030035441"|"2003007 6815"|"20030217171"|" 20040260952"|"200500 50227"|"5442637"|"588 9762"|"6343067"|"7080 158"|"20020031212"|"2 0020062285"|"2003004 6585"|"20040052234"|" 20040139228"|"200402 67527"|"20050187781"| "20060121902"|"20060 171534"|"20060187926 "|"20070253435"|"2008 0032695"|"2008016844 0"|"20090055473"|"201 00049980"|"201001072 05"|"20100312897"|"20 110099612"|"20120263 144"|"6141687"|"68984 13"|"7010109"|"734599 9"|"7457279"|"7542472" |"7570743"|"8065418"|" 20020080719"|"200201 76404"|"20030031210"| "20030115251"|"20070 016921"|"6836765"|"20 020042769"|"20020124 096"|"20030009565"|"2 0030043764"|"2003010					

		5812"|"20040128554"|"20050004982"|"20050120073"|"20050220017"|"20060062180"|"20060182100"|"20060205436"|"20070019545"|"20080091813"|"20080130639"|"20090003322"|"20090156217"|"20090234967"|"20090257433"|"20100011108"|"20100011111"|"20100279670"|"20100299150"|"20100299313"|"7346044"|"7353252"|"7574523"|"7656870"|"20020087887"|"20020120757"|"20020184310"|"20030046056"|"20030163697"|"20040034793"|"20050195802"|"20070110043"|"20080320096"|"6987756"|"7184415"|"7272377"|"7412374"|"7477282"|"7512652"|"20020097150"|"20020152325"|"20030088676"|"20030126213"|"20030158722"|"20030163525").PN.					
L205	36	("20030187650"|"20040024879"|"20040068567"|"20040203834"|"20040240399"|"20050071481"|"20050143105"|"20050246193"|"20060002355"|"20060069775"|"20060203750"|"20070025270"|"20070190987"|"20070260359"|"20080123685"|"20080250408"|"20100077023"|"6963555"|"6975718"|"7006508"|"7013155"|"7564843"|"7782866"|"20040100973"|"20040158471"|"20040162871"|"20040228279"|"20040267938"|"20050008024"|"20050286519"|"20080192756"|"6766373"|"7613171"|"20020173303"|"20030078858"|"20030212772"|"20040005877"|"20040249953"|"20050033843"|"20050105524"|"20050270992"|"20070078785"|"20070111794"|"20070239892"|"20080019285	(USPAT; USOCR)	OR	ON	ON	2016/12/21 12:28 PM

		"|"20080080392"|"2009 0136016"|"6298129"|"6 360196"|"6826613"|"71 17526"|"7302496"|"766 4495"|"7778187"|"8009 586"|"20020166053"|"2 0030044020"|"2003007 2485"|"20030174707"|" 20050119005"|"200502 49196"|"20090192976"| "6999932"|"7353255"|"2 0020150110"|"2004003 9781"|"20040044517"|" 20040062267"|"200401 48434"|"20040213184"| "20050015502"|"20050 144288"|"20050201357 "|"20060195402"|"2006 0218624"|"2006023016 6"|"20070116224"|"200 70274276"|"200800053 28"|"20090182815"|"20 100312832"|"20110040 836"|"5761309"|"62020 84"|"6389016"|"643837 6"|"6741691"|"6940826" |"7769881"|"200301379 39"|"20040139225"|"20 060183476"|"20060246 903"|"20080069105"|"6 031818"|"6311150"|"65 74668"|"6842460"|"200 20038282"|"200300610 25"|"20030061481"|"20 030135569"|"20030177 186"|"20030217318"|"2 0030229715"|"2004013 3689"|"20040143678"|" 20050187957"|"200502 08947"|"20050254440"| "20060121986"|"20060 165029"|"20080235362 "|"20080235511"|"2009 0006076"|"2009008815 0"|"20090300673"|"201 00223047"|"5818447"|" 6161082"|"6912278"|"7 123710"|"7917584"|"20 020178087"|"20030220 121"|"20050086309"|"2 0050138119"|"2006014 8516"|"5790637"|"6473 425").PN.				
L206	301	("20010050923"|"20020 143548"|"20020156844 "|"20030202480"|"2004 0034776"|"2004010321 2"|"20050130650"|"200	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/12/21 12:28 PM

		50132009"|"200501984 99"|"20050201485"|"20 060168643"|"20060258 289"|"20070136459"|"2 0070165629"|"2007020 6563"|"20070297430"|" 20080273541"|"200900 52399"|"20090240821"| "20090327516"|"20110 122864"|"20110314134 "|"6128283"|"7079529"|" 7092385"|"7487248"|"7 623476"|"20030177422 "|"20050033985"|"2005 0091407"|"6850769"|"7 304985"|"20020037000 "|"20020064167"|"2003 0110047"|"2003017214 5"|"20030214955"|"200 40139230"|"200401538 58"|"20040268257"|"20 050136911"|"20050138 128"|"20060072506"|"2 0060120375"|"2007008 2671"|"20070130253"|" 20110145687"|"621963 8"|"6754181"|"6999575" |"7185114"|"7590758"|" 7623516"|"7774495"|"2 0030035441"|"2003007 6815"|"20030217171"|" 20040260952"|"200500 50227"|"5442637"|"588 9762"|"6343067"|"7080 158"|"20020031212"|"2 0020062285"|"2003004 6585"|"20040052234"|" 20040139228"|"200402 67527"|"20050187781"| "20060121902"|"20060 171534"|"20060187926 "|"20070253435"|"2008 0032695"|"2008016844 0"|"20090055473"|"201 00049980"|"201001072 05"|"20100312897"|"20 110099612"|"20120263 144"|"6141687"|"68984 13"|"7010109"|"734599 9"|"7457279"|"7542472" |"7570743"|"8065418"|" 20020080719"|"200201 76404"|"20030031210"| "20030115251"|"20070 016921"|"6836765"|"20 020042769"|"20020124 096"|"20030009565"|"2 0030043764"|"2003010					

		5812"|"20040128554"|"20050004982"|"20050120073"|"20050220017"|"20060062180"|"20060182100"|"20060205436"|"20070019545"|"20080091813"|"20080130639"|"20090003322"|"20090156217"|"20090234967"|"20090257433"|"20100011108"|"20100011111"|"20100279670"|"20100299150"|"20100299313"|"7346044"|"7353252"|"7574523"|"7656870"|"20020087887"|"20020120757"|"20020184310"|"20030046056"|"20030163697"|"20040034793"|"20050195802"|"20070110043"|"20080320096"|"6987756"|"7184415"|"7272377"|"7412374"|"7477282"|"7512652"|"20020097150"|"20020152325"|"20030088676"|"20030126213"|"20030158722"|"20030163525").PN.					
L207	36	("20030187650"|"20040024879"|"20040068567"|"20040203834"|"20040240399"|"20050071481"|"20050143105"|"20050246193"|"20060002355"|"20060069775"|"20060203750"|"20070025270"|"20070190987"|"20070260359"|"20080123685"|"20080250408"|"20100077023"|"6963555"|"6975718"|"7006508"|"7013155"|"7564843"|"7782866"|"20040100973"|"20040158471"|"20040162871"|"20040228279"|"20040267938"|"20050008024"|"20050286519"|"20080192756"|"6766373"|"7613171"|"20020173303"|"20030078858"|"20030212772"|"20040005877"|"20040249953"|"20050033843"|"20050105524"|"20050270992"|"20070078785"|"20070111794"|"20070	(USPAT; USOCR)	OR	ON	ON	2016/12/21 12:28 PM

		239892"|"20080019285"|"20080080392"|"20090136016"|"6298129"|"6360196"|"6826613"|"7117526"|"7302496"|"7664495"|"7778187"|"8009586"|"20020166053"|"20030044020"|"20030072485"|"20030174707"|"20050119005"|"20050249196"|"20090192976"|"6999932"|"7353255"|"20020150110"|"20040039781"|"20040044517"|"20040062267"|"20040148434"|"20040213184"|"20050015502"|"20050144288"|"20050201357"|"20060195402"|"20060218624"|"20060230166"|"20070116224"|"20070274276"|"20080005328"|"20090182815"|"20100312832"|"20110040836"|"5761309"|"6202084"|"6389016"|"6438376"|"6741691"|"6940826"|"7769881"|"20030137939"|"20040139225"|"20060183476"|"20060246903"|"20080069105"|"6031818"|"6311150"|"6574668"|"6842460"|"20020038282"|"20030061025"|"20030061481"|"20030135569"|"20030177186"|"20030217318"|"20030229715"|"20040133689"|"20040143678"|"20050187957"|"20050208947"|"20050254440"|"20060121986"|"20060165029"|"20080235362"|"20080235511"|"20090006076"|"20090088150"|"20090300673"|"20100223047"|"5818447"|"6161082"|"6912278"|"7123710"|"7917584"|"20020020178087"|"20030220121"|"20050086309"|"20050138119"|"20060148516"|"5790637"|"6473425").PN.					
L208	268	("20030187650"|"20040024879"|"20040068567"|"20040203834"|"2004	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2016/12/21 12:28 PM

		0240399"|"2005007148 1"|"20050143105"|"200 50246193"|"200600023 55"|"20060069775"|"20 060203750"|"20070025 270"|"20070190987"|"2 0070260359"|"2008012 3685"|"20080250408"|" 20100077023"|"696355 5"|"6975718"|"7006508" |"7013155"|"7564843"|" 7782866"|"2004010097 3"|"20040158471"|"200 40162871"|"200402282 79"|"20040267938"|"20 050008024"|"20050286 519"|"20080192756"|"6 766373"|"7613171"|"20 020173303"|"20030078 858"|"20030212772"|"2 0040005877"|"2004024 9953"|"20050033843"|" 20050105524"|"200502 70992"|"20070078785"| "20070111794"|"20070 239892"|"20080019285 "|"20080080392"|"2009 0136016"|"6298129"|"6 360196"|"6826613"|"71 17526"|"7302496"|"766 4495"|"7778187"|"8009 586"|"20020166053"|"2 0030044020"|"2003007 2485"|"20030174707"|" 20050119005"|"200502 49196"|"20090192976"| "6999932"|"7353255"|"2 0020150110"|"2004003 9781"|"20040044517"|" 20040062267"|"200401 48434"|"20040213184"| "20050015502"|"20050 144288"|"20050201357 "|"20060195402"|"2006 0218624"|"2006023016 6"|"20070116224"|"200 70274276"|"200800053 28"|"20090182815"|"20 100312832"|"20110040 836"|"5761309"|"62020 84"|"6389016"|"643837 6"|"6741691"|"6940826" |"7769881"|"200301379 39"|"20040139225"|"20 060183476"|"20060246 903"|"20080069105"|"6 031818"|"6311150"|"65 74668"|"6842460"|"200					

		20038282"|"20030061025"|"20030061481"|"20030135569"|"20030177186"|"20030217318"|"20030229715"|"20040133689"|"20040143678"|"20050187957"|"20050208947"|"20050254440"|"20060121986"|"20060165029"|"20080235362"|"20080235511"|"20090006076"|"20090088150"|"20090300673"|"20100223047"|"5818447"|"6161082"|"6912278"|"7123710"|"7917584"|"20020178087"|"20030220121"|"20050086309"|"20050138119"|"20060148516"|"5790637"|"6473425").PN.					
L209	25	(L201 L202 L203) NOT (L204 L205 L206 L207 L208)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2016/12/21 12:28 PM
L214	12680	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2017/11/20 02:41 PM
L215	67	L214 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2017/11/20 02:41 PM
L216	67	L215	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:41 PM
L217	67	L216	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2017/11/20 02:41 PM

L218	67	L217	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:41 PM
L219	67	L218	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:41 PM
L220	7	L214 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911" NOT L215	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2017/11/20 02:42 PM
L221	7	L220	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:42 PM
L222	7	L221	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2017/11/20 02:42 PM
L223	7	L222	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:42 PM
L224	7	L223	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:42 PM
L225	40	L214 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2017/11/20 02:43 PM

		allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L215					
L226	40	L225	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:43 PM
L227	40	L226	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2017/11/20 02:43 PM
L228	40	L227	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:43 PM
L229	40	L228	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:43 PM
L230	137	((window screen pane image display) WITH (plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L215	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2017/11/20 02:44 PM
L231	137	L230	(US-PGPUB; USPAT;	OR	ON	ON	2017/11/20

			EPO; JPO; DERWENT)				02:44 PM
L232	137	L231	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2017/11/20 02:44 PM
L233	137	L232	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:44 PM
L234	137	L233	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:44 PM
L235	1	((window screen pane image display) WITH (function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT (L215 L220 L225 L230)	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2017/11/20 02:45 PM
L236	1	L235	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:45 PM
L237	1	L236	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2017/11/20 02:45 PM
L238	1	L237	(US-PGPUB; USPAT; EPO; JPO;	OR	ON	ON	2017/11/20 02:45 PM

			DERWENT)				
L239	1	L238	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:45 PM
L240	138	((window screen pane image display) WITH (function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L215	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2017/11/20 02:46 PM
L241	3	((window screen pane image display) WITH (((function program application app sub) NEAR2 (block section segment)) plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2017/11/20 02:46 PM

		plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT (L215 L220 L225 L230 L240)					
L242	3	L241	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:46 PM
L243	3	L242	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2017/11/20 02:46 PM
L244	3	L243	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:46 PM
L245	3	L244	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:46 PM
L246	270	("20030187650"|"20040024879"|"20040068567"|"20040203834"|"20040240399"|"20050071481"|"20050143105"|"20050246193"|"20060002355"|"20060069775"|"20060203750"|"20070025270"|"20070190987"|"20070260359"|"20080123685"|"20080250408"|"20100077023"|"6963555"|"6975718"|"7006508"|"7013155"|"7564843"|"7782866"|"20040100973"|"20040158471"|"20040162871"|"20040228279"|"20040267938"|"20050008024"|"20050286	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2017/11/20 02:48 PM

		519"|"20080192756"|"6 766373"|"7613171"|"20 020173303"|"20030078 858"|"20030212772"|"2 0040005877"|"2004024 9953"|"20050033843"|" 20050105524"|"200502 70992"|"20070078785"| "20070111794"|"20070 239892"|"20080019285 "|"20080080392"|"2009 0136016"|"6298129"|"6 360196"|"6826613"|"71 17526"|"7302496"|"766 4495"|"7778187"|"8009 586"|"20020166053"|"2 0030044020"|"2003007 2485"|"20030174707"|" 20050119005"|"200502 49196"|"20090192976"| "6999932"|"7353255"|"2 0020150110"|"2004003 9781"|"20040044517"|" 20040062267"|"200401 48434"|"20040213184"| "20050015502"|"20050 144288"|"20050201357 "|"20060195402"|"2006 0218624"|"2006023016 6"|"20070116224"|"200 70274276"|"200800053 28"|"20090182815"|"20 100312832"|"20110040 836"|"5761309"|"62020 84"|"6389016"|"643837 6"|"6741691"|"6940826" |"7769881"|"200301379 39"|"20040139225"|"20 060183476"|"20060246 903"|"20080069105"|"6 031818"|"6311150"|"65 74668"|"6842460"|"200 20038282"|"200300610 25"|"20030061481"|"20 030135569"|"20030177 186"|"20030217318"|"2 0030229715"|"2004013 3689"|"20040143678"|" 20050187957"|"200502 08947"|"20050254440"| "20060121986"|"20060 165029"|"20080235362 "|"20080235511"|"2009 0006076"|"2009008815 0"|"20090300673"|"201 00223047"|"5818447"|" 6161082"|"6912278"|"7 123710"|"7917584"|"20					

		020178087"|"20030220121"|"20050086309"|"20050138119"|"20060148516"|"5790637"|"6473425").PN.					
L247	270	L246	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:48 PM
L248	270	L247	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2017/11/20 02:48 PM
L249	270	L248	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:48 PM
L250	270	L249	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:48 PM
L251	1210	G06F9/44526.cpc. AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2017/11/20 02:49 PM
L252	37	("20010050923"|"20020143548"|"20020156844"|"20030202480"|"20040034776"|"20040103212"|"20050130650"|"20050132009"|"20050198499"|"20050201485"|"20060168643"|"20060258289"|"20070136459"|"20070165629"|"20070206563"|"20070297430"|"20080273541"|"20090052399"|"20090240821"|"20090327516"|"20110122864"|"20110314134"|"6128283"|"7079529"|"7092385"|"7487248"|"7623476"|"20030177422"|"20050033985"|"20050091407"|"6850769"|"7304985"|"20020037000"|"20020064167"|"20030110047"|"20030172145"|"20030214955"|"20040139230"|"20040153858"|"20040268257"|"20050136911"|"20050138128"|"20060072506"|"20060120375"|"20070082671"|"20070130253"|"20110145687"|"6219638"|"6754181"|"6999575"|"7185114"|"7590758"|"7623516"|"7774495"|"20030035441"|"20030076815"|"20030217171"|"	(USPAT; USOCR)	OR	ON	ON	2017/11/20 02:49 PM

		20040260952"|"200500 50227"|"5442637"|"588 9762"|"6343067"|"7080 158"|"20020031212"|"2 0020062285"|"2003004 6585"|"20040052234"|" 20040139228"|"200402 67527"|"20050187781"| "20060121902"|"20060 171534"|"20060187926 "|"20070253435"|"2008 0032695"|"2008016844 0"|"20090055473"|"201 00049980"|"201001072 05"|"20100312897"|"20 110099612"|"20120263 144"|"6141687"|"68984 13"|"7010109"|"734599 9"|"7457279"|"7542472" |"7570743"|"8065418"|" 20020080719"|"200201 76404"|"20030031210"| "20030115251"|"20070 016921"|"6836765"|"20 020042769"|"20020124 096"|"20030009565"|"2 0030043764"|"2003010 5812"|"20040128554"|" 20050004982"|"200501 20073"|"20050220017"| "20060062180"|"20060 182100"|"20060205436 "|"20070019545"|"2008 0091813"|"2008013063 9"|"20090003322"|"200 90156217"|"200902349 67"|"20090257433"|"20 100011108"|"20100011 111"|"20100279670"|"2 0100299150"|"2010029 9313"|"7346044"|"7353 252"|"7574523"|"76568 70"|"20020087887"|"20 020120757"|"20020184 310"|"20030046056"|"2 0030163697"|"2004003 4793"|"20050195802"|" 20070110043"|"200803 20096"|"6987756"|"718 4415"|"7272377"|"7412 374"|"7477282"|"75126 52"|"20020097150"|"20 020152325"|"20030088 676"|"20030126213"|"2 0030158722"|"2003016 3525").PN.				
L253	36	("20030187650"|"20040 024879"|"20040068567	(USPAT; USOCR)	OR	ON	ON	2017/11/20 02:49 PM

		"|"20040203834"|"2004 0240399"|"2005007148 1"|"20050143105"|"200 50246193"|"200600023 55"|"20060069775"|"20 060203750"|"20070025 270"|"20070190987"|"2 0070260359"|"2008012 3685"|"20080250408"|" 20100077023"|"696355 5"|"6975718"|"7006508" |"7013155"|"7564843"|" 7782866"|"2004010097 3"|"20040158471"|"200 40162871"|"200402282 79"|"20040267938"|"20 050008024"|"20050286 519"|"20080192756"|"6 766373"|"7613171"|"20 020173303"|"20030078 858"|"20030212772"|"2 0040005877"|"2004024 9953"|"20050033843"|" 20050105524"|"200502 70992"|"20070078785"| "20070111794"|"20070 239892"|"20080019285 "|"20080080392"|"2009 0136016"|"6298129"|"6 360196"|"6826613"|"71 17526"|"7302496"|"766 4495"|"7778187"|"8009 586"|"20020166053"|"2 0030044020"|"2003007 2485"|"20030174707"|" 20050119005"|"200502 49196"|"20090192976"| "6999932"|"7353255"|"2 0020150110"|"2004003 9781"|"20040044517"|" 20040062267"|"200401 48434"|"20040213184"| "20050015502"|"20050 144288"|"20050201357 "|"20060195402"|"2006 0218624"|"2006023016 6"|"20070116224"|"200 70274276"|"200800053 28"|"20090182815"|"20 100312832"|"20110040 836"|"5761309"|"62020 84"|"6389016"|"643837 6"|"6741691"|"6940826" |"7769881"|"200301379 39"|"20040139225"|"20 060183476"|"20060246 903"|"20080069105"|"6 031818"|"6311150"|"65				

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L254	304	("20010050923"|"20020 143548"|"20020156844 "|"20030202480"|"2004 0034776"|"2004010321 2"|"20050130650"|"200 50132009"|"200501984 99"|"20050201485"|"20 060168643"|"20060258 289"|"20070136459"|"2 0070165629"|"2007020 6563"|"20070297430"|" 20080273541"|"200900 52399"|"20090240821"| "20090327516"|"20110 122864"|"20110314134 "|"6128283"|"7079529"|" 7092385"|"7487248"|"7 623476"|"20030177422 "|"20050033985"|"2005 0091407"|"6850769"|"7 304985"|"20020037000 "|"20020064167"|"2003 0110047"|"2003017214 5"|"20030214955"|"200 40139230"|"200401538 58"|"20040268257"|"20 050136911"|"20050138 128"|"20060072506"|"2 0060120375"|"2007008 2671"|"20070130253"|" 20110145687"|"621963 8"|"6754181"|"6999575" |"7185114"|"7590758"|" 7623516"|"7774495"|"2 0030035441"|"2003007 6815"|"20030217171"|"	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2017/11/20 02:49 PM

		20040260952"|"200500 50227"|"5442637"|"588 9762"|"6343067"|"7080 158"|"20020031212"|"2 0020062285"|"2003004 6585"|"20040052234"|" 20040139228"|"200402 67527"|"20050187781"| "20060121902"|"20060 171534"|"20060187926 "|"20070253435"|"2008 0032695"|"2008016844 0"|"20090055473"|"201 00049980"|"201001072 05"|"20100312897"|"20 110099612"|"20120263 144"|"6141687"|"68984 13"|"7010109"|"734599 9"|"7457279"|"7542472" |"7570743"|"8065418"|" 20020080719"|"200201 76404"|"20030031210"| "20030115251"|"20070 016921"|"6836765"|"20 020042769"|"20020124 096"|"20030009565"|"2 0030043764"|"2003010 5812"|"20040128554"|" 20050004982"|"200501 20073"|"20050220017"| "20060062180"|"20060 182100"|"20060205436 "|"20070019545"|"2008 0091813"|"2008013063 9"|"20090003322"|"200 90156217"|"200902349 67"|"20090257433"|"20 100011108"|"20100011 111"|"20100279670"|"2 0100299150"|"2010029 9313"|"7346044"|"7353 252"|"7574523"|"76568 70"|"20020087887"|"20 020120757"|"20020184 310"|"20030046056"|"2 0030163697"|"2004003 4793"|"20050195802"|" 20070110043"|"200803 20096"|"6987756"|"718 4415"|"7272377"|"7412 374"|"7477282"|"75126 52"|"20020097150"|"20 020152325"|"20030088 676"|"20030126213"|"2 0030158722"|"2003016 3525").PN.				
L255	36	("20030187650"|"20040 024879"|"20040068567	(USPAT; USOCR)	OR	ON	ON	2017/11/20 02:49 PM

		"|"20040203834"|"2004 0240399"|"2005007148 1"|"20050143105"|"200 50246193"|"200600023 55"|"20060069775"|"20 060203750"|"20070025 270"|"20070190987"|"2 0070260359"|"2008012 3685"|"20080250408"|" 20100077023"|"696355 5"|"6975718"|"7006508" |"7013155"|"7564843"|" 7782866"|"2004010097 3"|"20040158471"|"200 40162871"|"200402282 79"|"20040267938"|"20 050008024"|"20050286 519"|"20080192756"|"6 766373"|"7613171"|"20 020173303"|"20030078 858"|"20030212772"|"2 0040005877"|"2004024 9953"|"20050033843"|" 20050105524"|"200502 70992"|"20070078785"| "20070111794"|"20070 239892"|"20080019285 "|"20080080392"|"2009 0136016"|"6298129"|"6 360196"|"6826613"|"71 17526"|"7302496"|"766 4495"|"7778187"|"8009 586"|"20020166053"|"2 0030044020"|"2003007 2485"|"20030174707"|" 20050119005"|"200502 49196"|"20090192976"| "6999932"|"7353255"|"2 0020150110"|"2004003 9781"|"20040044517"|" 20040062267"|"200401 48434"|"20040213184"| "20050015502"|"20050 144288"|"20050201357 "|"20060195402"|"2006 0218624"|"2006023016 6"|"20070116224"|"200 70274276"|"200800053 28"|"20090182815"|"20 100312832"|"20110040 836"|"5761309"|"62020 84"|"6389016"|"643837 6"|"6741691"|"6940826" |"7769881"|"200301379 39"|"20040139225"|"20 060183476"|"20060246 903"|"20080069105"|"6 031818"|"6311150"|"65				

		74668"|"6842460"|"200 20038282"|"200300610 25"|"20030061481"|"20 030135569"|"20030177 186"|"20030217318"|"2 0030229715"|"2004013 3689"|"20040143678"|" 20050187957"|"200502 08947"|"20050254440"| "20060121986"|"20060 165029"|"20080235362 "|"20080235511"|"2009 0006076"|"2009008815 0"|"20090300673"|"201 00223047"|"5818447"|" 6161082"|"6912278"|"7 123710"|"7917584"|"20 020178087"|"20030220 121"|"20050086309"|"2 0050138119"|"2006014 8516"|"5790637"|"6473 425").PN.					
L256	514	L251 AND (mobile cell cellular phone iphone) NOT (L215 L220 L225 L230 L235 L241 L252 L253 L254 L255 L246)	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2017/11/20 02:49 PM
L257	514	L256	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:49 PM
L258	514	L257	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2017/11/20 02:49 PM
L259	514	L258	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:49 PM
L260	514	L259	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:49 PM
L261	0	L214 AND without NEAR5 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved) WITH (superblock super-block super ADJ block function ADJ block function-block functionblock funblock program-block program ADJ block application ADJ block appblock	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:50 PM

		app-block application-block)					
L262	0	L261	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2017/11/20 02:50 PM
L263	0	L262	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:50 PM
L264	0	L263	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:50 PM
L265	308	without WITH (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved) WITH (superblock super-block super ADJ block function ADJ block function-block functionblock funblock program-block program ADJ block application ADJ block appblock app-block application-block)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:50 PM
L266	308	L265	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2017/11/20 02:50 PM
L267	308	L266	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:50 PM
L268	308	L267	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:50 PM
L269	208	(instead place missing skipping) WITH (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved) WITH (superblock super-block super ADJ block function ADJ block function-block functionblock funblock program-block program ADJ block application ADJ block appblock	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:52 PM

		app-block application-block) AND @ad<"20130911"					
L270	208	L269	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2017/11/20 02:52 PM
L271	208	L270	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:52 PM
L272	208	L271	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:52 PM
L273	12	(without) NEAR2 (context NEAR1 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L265 L269)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:52 PM
L274	12	L273	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2017/11/20 02:52 PM
L275	12	L274	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:52 PM
L276	12	L275	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:52 PM
L277	41	(without instead place missing skipping) WITH (context NEAR1 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L265 L269)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:53 PM
L278	41	L277	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2017/11/20 02:53 PM
L279	41	L278	(US-PGPUB; USPAT; EPO; JPO;	OR	ON	ON	2017/11/20 02:53 PM

			DERWENT)				
L280	41	L279	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:53 PM
L281	29	(without instead place missing skipping) WITH (context NEAR1 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L265 L269 L273)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:54 PM
L282	29	L281	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2017/11/20 02:54 PM
L283	29	L282	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:54 PM
L284	29	L283	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:54 PM
L285	5	(without instead place missing skipping) WITH (context NEAR3 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L265 L269 L273 L281)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:54 PM
L286	5	L285	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2017/11/20 02:54 PM
L287	5	L286	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:54 PM
L288	5	L287	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:54 PM
L289	10	without ADJ switching NEAR3 context WITH superblock	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:55 PM

L290	10	L289	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2017/11/20 02:55 PM
L291	10	L290	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:55 PM
L292	10	L291	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:55 PM
L293	7	establishing WITH function WITH block WITH superblock	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:55 PM
L294	7	L293	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2017/11/20 02:55 PM
L295	7	L294	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:55 PM
L296	7	L295	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:55 PM
L297	59	(establish establishes establishing established establishment ascertain ascertains ascertaining ascertained determine determines determining determined determination discover discovers discovering discovered discovery learn learns learning learned (find finds finding) ADJ out found certain confirm confirms confirming confirmed confirmation) WITH (lack lacks lacking lacked without) WITH (superblock super-block super ADJ block (parent child primary secondary top bottom) ADJ block) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:56 PM
L298	59	L297	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:56 PM
L299	57	(establish establishes establishing established establishment ascertain ascertains ascertaining ascertained determine determines determining determined determination discover	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:56 PM

		discovers discovering discovered discovery learn learns learning learned (find finds finding) ADJ out found certain confirm confirms confirming confirmed confirmation) WITH (lack lacks lacking lacked without) WITH ((parent child primary secondary top bottom) ADJ (application program app)) AND @ad<"20130911"					
L300	57	L299	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:56 PM
L301	177	(network net grid web cloud LAN WAN) SAME ((lack lacks lacking lacked without) WITH ((master slave parent child primary secondary top bottom) ADJ (application program app))) AND @ad<"20130911" NOT (L297 L299)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:57 PM
L302	177	L301	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/20 02:57 PM
L303	1164	(absense missing lack lackes lacking lacked) WITH (support supports supporting supported) WITH (code ADJ block code-block code ADJ section code-section layer superblock super ADJ block super-block) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/21 10:52 AM
L304	117	(absense missing lack lackes lacking lacked) NEAR2 (support supports supporting supported) NEAR2 (code ADJ block code-block code ADJ section code-section layer superblock super ADJ block super-block) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/21 10:53 AM
L305	247	(absense missing lack lackes lacking lacked) NEAR5 (support	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2017/11/21 11:04 AM

		supports supporting supported) NEAR5 (code ADJ block code-block code ADJ section code-section layer superblock super ADJ block super-block) AND @ad<"20130911" NOT L304					
L306	200	("20010050923"|"20020031212"|"20020037000"|"20020038282"|"20020042769"|"20020062285"|"20020064167"|"20020080719"|"20020087887"|"20020097150"|"20020120757"|"20020124096"|"20020143548"|"20020150110"|"20020152325"|"20020156844"|"20020166053"|"20020173303"|"20020176404"|"20020178087"|"20020184310"|"20030009565"|"20030031210"|"20030035441"|"20030043764"|"20030044020"|"20030046056"|"20030046585"|"20030061025"|"20030061481"|"20030072485"|"20030076815"|"20030078858"|"20030088676"|"20030105812"|"20030110047"|"20030115251"|"20030126213"|"20030135569"|"20030137939"|"20030158722"|"20030163525"|"20030163697"|"20030172145"|"20030174707"|"20030177186"|"20030177422"|"20030187650"|"20030202480"|"20030212772"|"20030214955"|"20030217171"|"20030217318"|"20030220121"|"20030229715"|"20040005877"|"20040024879"|"20040034776"|"20040034793"|"20040039781"|"20040044517"|"20040052234"|"20040062267"|"20040068567"|"20040100973"|"20040103212"|"20040128554"|"20040133689"|"20040139225"|"20040139228"|"20040139230"|"2004014	(US-PGPUB; USPAT)	OR	ON	ON	2017/11/26 08:22 AM

		3678"|"20040148434"|" 20040153858"|"200401 58471"|"20040162871"| "20040193599"|"20040 203834"|"20040213184 "|"20040228279"|"2004 0240399"|"2004024988 5"|"20040249953"|"200 40260952"|"200402675 27"|"20040267938"|"20 040268257"|"20050004 982"|"20050008024"|"2 0050015502"|"2005003 3843"|"20050033985"|" 20050050227"|"200500 71481"|"20050086309"| "20050091407"|"20050 105524"|"20050119005 "|"20050120073"|"2005 0130650"|"2005013200 9"|"20050136911"|"200 50138119"|"200501381 28"|"20050143105"|"20 050144288"|"20050187 781"|"20050187957"|"2 0050195802"|"2005019 8499"|"20050201357"|" 20050201485"|"200502 08947"|"20050220017"| "20050246193"|"20050 249196"|"20050254440 "|"20050270992"|"2005 0286519"|"2006000235 5"|"20060062180"|"200 60069775"|"200600725 06"|"20060120375"|"20 060121902"|"20060121 986"|"20060148516"|"2 0060165029"|"2006016 8643"|"20060171534"|" 20060182100"|"200601 83476"|"20060187926"| "20060195402"|"20060 203750"|"20060205436 "|"20060218624"|"2006 0230166"|"2006023311 7"|"20060246903"|"200 60258289"|"200700169 21"|"20070019545"|"20 070025270"|"20070078 785"|"20070082671"|"2 0070110043"|"2007011 1794"|"20070116224"|" 20070130253"|"200701 36459"|"20070165629"| "20070190987"|"20070 206563"|"20070239892 "|"20070253435"|"2007					

		0260359"|"20070274276"|"20070280253"|"20070294626"|"20070297430"|"20080005328"|"20080019285"|"20080032695"|"20080046984"|"20080069105"|"20080080392"|"20080091813"|"20080123685"|"20080130639"|"20080168440"|"20080192756"|"20080235362"|"20080235511"|"20080244718"|"20080250408"|"20080273541"|"20080320096"|"20080320565"|"20090003322"|"20090006076"|"20090052399"|"20090055473"|"20090088150"|"20090136016"|"20090156217"|"20090182815"|"20090192976"|"20090234967"|"20090240821"|"20090257433"|"20090300673"|"20090327516"|"20100011108"|"20100011111"|"20100049980"|"20100058353"|"20100077023"|"20100107205"|"20100174783").PN.					
L307	100	("20100191954"|"20100223047"|"20100279670"|"20100299150"|"20100299313"|"20100312832"|"20100312897"|"20110040836"|"20110099612"|"20110122864"|"20110141220"|"20110145687"|"20110307556"|"20110314134"|"20110320821"|"20120078609"|"20120124191"|"20120263144"|"20130067004"|"20130106989"|"20130111064"|"20130125145"|"20150026700"|"5442637"|"5761309"|"5790637"|"5818447"|"5889762"|"6031818"|"6128283"|"6141687"|"6161082"|"6195694"|"6202084"|"6219638"|"6298129"|"6311150"|"6343067"|"6360196"|"6389016"|"6438376"|"6473425"|"6574668"|"6606112"|"6741691"|"6754181"|"6766373"	(US-PGPUB; USPAT)	OR	ON	ON	2017/11/26 08:22 AM

		|"6826613"|"6836765"|"6842460"|"6850769"|"6898413"|"6912278"|"6940826"|"6963555"|"6975718"|"6987756"|"6999575"|"6999932"|"7006508"|"7010109"|"7013155"|"7079529"|"7080158"|"7092385"|"7117526"|"7123710"|"7184415"|"7185114"|"7272377"|"7302496"|"7304985"|"7345999"|"7346044"|"7353252"|"7353255"|"7412374"|"7457279"|"7477282"|"7487248"|"7512652"|"7542472"|"7564843"|"7570743"|"7574523"|"7590758"|"7613171"|"7623476"|"7623516"|"7656870"|"7664495"|"7769881"|"7774495"|"7778187"|"7782866"|"7917584"|"8009586"|"8065418"|"8200796"|"8407576"). PN.				
L308	12966	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/06/24 02:51 PM
L309	70	L308 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/06/24 02:51 PM
L310	70	L309	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 02:51 PM
L311	70	L310	(US-PGPUB; USPAT;	OR	ON	ON	2018/06/24

			EPO; JPO; DERWENT; IBM_TDB)				02:51 PM
L312	70	L311	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 02:51 PM
L313	70	L312	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 02:51 PM
L314	12966	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/06/24 06:18 PM
L315	70	L314 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/06/24 06:18 PM
L316	7	L314 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911" NOT L315	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/06/24 06:18 PM

L317	7	L316	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:18 PM
L318	7	L317	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/06/24 06:18 PM
L319	7	L318	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:18 PM
L320	7	L319	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:18 PM
L321	40	L314 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L315	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/06/24 06:20 PM
L322	40	L321	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:20 PM
L323	40	L322	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/06/24 06:20 PM
L324	40	L323	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:20 PM
L325	40	L324	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:20 PM
L326	137	((window screen pane image display) WITH (plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/06/24 06:20 PM

		simultaneously "same time" concurrent concurrently simultaneous)) AND((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L315					
L327	137	L326	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:20 PM
L328	137	L327	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/06/24 06:20 PM
L329	137	L328	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:20 PM
L330	137	L329	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:20 PM
L331	1	((window screen pane image display) WITH (function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/06/24 06:22 PM

		add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT (L315 L316 L321 L326)					
L332	1	L331	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:22 PM
L333	1	L332	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/06/24 06:22 PM
L334	1	L333	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:22 PM
L335	1	L334	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:22 PM
L336	138	((window screen pane image display) WITH (function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/06/24 06:25 PM

		determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L315					
L337	3	((window screen pane image display) WITH (((function program application app sub) NEAR2 (block section segment)) plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT (L315 L316 L321 L326 L336)	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/06/24 06:25 PM
L338	3	L337	(US-PGPUB; USPAT; EPO; JPO;	OR	ON	ON	2018/06/24 06:25 PM

			DERWENT)				
L339	3	L338	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/06/24 06:25 PM
L340	3	L339	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:25 PM
L341	3	L340	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:25 PM
L342	272	("20030187650"|"20040024879"|"20040068567"|"20040203834"|"20040240399"|"20050071481"|"20050143105"|"20050246193"|"20060002355"|"20060069775"|"20060203750"|"20070025270"|"20070190987"|"20070260359"|"20080123685"|"20080250408"|"20100077023"|"6963555"|"6975718"|"7006508"|"7013155"|"7564843"|"7782866"|"20040100973"|"20040158471"|"20040162871"|"20040228279"|"20040267938"|"20050008024"|"20050286519"|"20080192756"|"6766373"|"7613171"|"20020173303"|"20030078858"|"20030212772"|"20040005877"|"20040249953"|"20050033843"|"20050105524"|"20050270992"|"20070078785"|"20070111794"|"20070239892"|"20080019285"|"20080080392"|"20090136016"|"6298129"|"6360196"|"6826613"|"7117526"|"7302496"|"7664495"|"7778187"|"8009586"|"20020166053"|"20030044020"|"20030072485"|"20030174707"|"20050119005"|"20050249196"|"20090192976"|"6999932"|"7353255"|"20020150110"|"20040039781"|"20040044517"|"20040062267"|"20040148434"|"20040213184"|"20050015502"|"20050144288"|"20050201357"|"20060195402"|"2006	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/06/24 06:28 PM

		0218624"|"20060230166"|"20070116224"|"20070274276"|"20080005328"|"20090182815"|"20100312832"|"20110040836"|"5761309"|"6202084"|"6389016"|"6438376"|"6741691"|"6940826"|"7769881"|"20030137939"|"20040139225"|"20060183476"|"20060246903"|"20080069105"|"6031818"|"6311150"|"6574668"|"6842460"|"20020038282"|"20030061025"|"20030061481"|"20030135569"|"20030177186"|"20030217318"|"20030229715"|"20040133689"|"20040143678"|"20050187957"|"20050208947"|"20050254440"|"20060121986"|"20060165029"|"20080235362"|"20080235511"|"20090006076"|"20090088150"|"20090300673"|"20100223047"|"5818447"|"6161082"|"6912278"|"7123710"|"7917584"|"20020178087"|"20030220121"|"20050086309"|"20050138119"|"20060148516"|"5790637"|"6473425").PN.					
L343	272	L342	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:28 PM
L344	272	L343	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/06/24 06:28 PM
L345	272	L344	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:28 PM
L346	272	L345	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:28 PM
L347	0	L314 AND without NEAR5 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved) WITH	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:29 PM

		(superblock super-block super ADJ block function ADJ block function-block functionblock funblock program-block program ADJ block application ADJ block appblock app-block application-block)					
L348	0	L347	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/06/24 06:29 PM
L349	0	L348	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:29 PM
L350	0	L349	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:29 PM
L351	311	without WITH (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved) WITH (superblock super-block super ADJ block function ADJ block function-block functionblock funblock program-block program ADJ block application ADJ block appblock app-block application-block)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:30 PM
L352	311	L351	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/06/24 06:30 PM
L353	311	L352	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:30 PM
L354	311	L353	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:30 PM
L355	210	(instead place missing skipping) WITH (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved) WITH	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:31 PM

		(superblock super-block super ADJ block function ADJ block function-block functionblock funblock program-block program ADJ block application ADJ block appblock app-block application-block) AND @ad<"20130911"					
L356	210	L355	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/06/24 06:31 PM
L357	210	L356	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:31 PM
L358	210	L357	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:31 PM
L359	12	(without) NEAR2 (context NEAR1 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L351 L355)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:32 PM
L360	12	L359	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/06/24 06:32 PM
L361	12	L360	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:32 PM
L362	12	L361	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:32 PM
L363	41	(without instead place missing skipping) WITH (context NEAR1 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:32 PM

		section layer) AND @ad<"20130911" NOT (L351 L355)					
L364	41	L363	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/06/24 06:32 PM
L365	41	L364	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:32 PM
L366	41	L365	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:32 PM
L367	29	(without instead place missing skipping) WITH (context NEAR1 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L351 L355 L359)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:33 PM
L368	29	L367	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/06/24 06:33 PM
L369	29	L368	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:33 PM
L370	29	L369	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:33 PM
L371	5	(without instead place missing skipping) WITH (context NEAR3 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L351 L355 L359 L367)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:33 PM
L372	5	L371	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/06/24 06:33 PM
L373	5	L372	(US-PGPUB; USPAT;	OR	ON	ON	2018/06/24

			EPO; JPO; DERWENT)				06:33 PM
L374	5	L373	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:33 PM
L375	10	without ADJ switching NEAR3 context WITH superblock	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:33 PM
L376	10	L375	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/06/24 06:33 PM
L377	10	L376	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:33 PM
L378	10	L377	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:33 PM
L379	7	establishing WITH function WITH block WITH superblock	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:34 PM
L380	7	L379	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/06/24 06:34 PM
L381	7	L380	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:34 PM
L382	7	L381	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:34 PM
L383	59	(establish establishes establishing established establishment ascertain ascertains ascertaining ascertained determine determines determining determined determination discover discovers discovering discovered discovery learn learns learning learned (find finds finding) ADJ out found certain confirm confirms confirming confirmed confirmation) WITH (lack lacks lacking lacked without) WITH (superblock super-block super ADJ block (parent child primary secondary top bottom) ADJ block) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:34 PM
L384	59	L383	(US-PGPUB; USPAT; EPO; JPO;	OR	ON	ON	2018/06/24 06:34 PM

			DERWENT)				
L385	57	(establish establishes establishing established establishment ascertain ascertains ascertaining ascertained determine determines determining determined determination discover discovers discovering discovered discovery learn learns learning learned (find finds finding) ADJ out found certain confirm confirms confirming confirmed confirmation) WITH (lack lacks lacking lacked without) WITH ((parent child primary secondary top bottom) ADJ (application program app)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:34 PM
L386	57	L385	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:34 PM
L387	177	(network net grid web cloud LAN WAN) SAME ((lack lacks lacking lacked without) WITH ((master slave parent child primary secondary top bottom) ADJ (application program app))) AND @ad<"20130911" NOT (L383 L385)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:35 PM
L388	177	L387	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:35 PM
L389	117	(absense missing lack lackes lacking lacked) NEAR2 (support supports supporting supported) NEAR2 (code ADJ block code-block code ADJ section code-section layer superblock super ADJ block super-block) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:35 PM
L390	248	(absense missing lack lackes lacking lacked) NEAR5 (support supports supporting	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:36 PM

		supported) NEAR5 (code ADJ block code-block code ADJ section code-section layer superblock super ADJ block super-block) AND @ad<"20130911" NOT L389					
L391	12966	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/06/24 06:37 PM
L392	70	L391 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/06/24 06:37 PM
L393	70	L392	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:37 PM
L394	70	L393	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/06/24 06:37 PM
L395	70	L394	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:37 PM
L396	70	L395	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:37 PM
L397	506	(audio video visual audible sound image multimedia) WITH (app application program programme) WITH (add-on addon plug-in plugin plug ADJ in) WITH (net network LAN WAN) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:43 PM

L398	277	(audio video visual audible sound image multimedia) NEAR10 (app application program programme) WITH (add-on addon plug-in plugin plug ADJ in) WITH (net network LAN WAN) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:44 PM
L399	229	L397 NOT L398	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 06:58 PM
L400	0	(audio video visual audible sound image multimedia video-game video ADJ game) WITH (app application program programme) WITH (add-on addon plug-in plugin plug ADJ in) WITH (net network LAN WAN) AND @ad<"20130911" NOT (L397)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/06/24 07:11 PM
L401	13187	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/10/02 08:47 AM
L402	71	L401 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/10/02 08:47 AM
L403	71	L402	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 08:47 AM
L404	71	L403	(US-PGPUB; USPAT; EPO; JPO;	OR	ON	ON	2018/10/02 08:47 AM

			DERWENT; IBM_TDB)				
L405	71	L404	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 08:47 AM
L406	71	L405	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 08:47 AM
L407	13187	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/10/02 08:48 AM
L408	71	L407 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/10/02 08:48 AM
L409	11	L407 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911" NOT L408	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/10/02 08:48 AM
L410	11	L409	(US-PGPUB; USPAT;	OR	ON	ON	2018/10/02

			EPO; JPO; DERWENT)				08:48 AM
L411	11	L410	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/10/02 08:48 AM
L412	11	L411	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 08:48 AM
L413	11	L412	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 08:48 AM
L414	13187	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/10/02 10:17 AM
L415	71	L414 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/10/02 10:17 AM
L416	44	L414 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/10/02 10:17 AM

		ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L415					
L417	44	L416	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:17 AM
L418	44	L417	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/10/02 10:17 AM
L419	44	L418	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:17 AM
L420	44	L419	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:17 AM
L421	137	((window screen pane image display) WITH (plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L415	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/10/02 10:19 AM
L422	137	L421	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:19 AM
L423	137	L422	(US-PGPUB; USPAT;	OR	ON	ON	2018/10/02

			EPO; JPO; DERWENT; IBM_TDB)				10:19 AM
L424	137	L423	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:19 AM
L425	137	L424	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:19 AM
L426	11	L414 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911" NOT L415	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/10/02 10:20 AM
L427	1	((window screen pane image display) WITH (function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/10/02 10:20 AM

		approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT (L415 L426 L416 L421)					
L428	1	L427	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:20 AM
L429	1	L428	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/10/02 10:20 AM
L430	1	L429	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:20 AM
L431	1	L430	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:20 AM
L432	138	((window screen pane image display) WITH (function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/10/02 10:21 AM

		clearence)) AND @ad<"20130911" NOT L415					
L433	3	((window screen pane image display) WITH (((function program application app sub) NEAR2 (block section segment)) plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT (L415 L426 L416 L421 L432)	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/10/02 10:21 AM
L434	3	L433	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:21 AM
L435	3	L434	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/10/02 10:21 AM
L436	3	L435	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:21 AM
L437	3	L436	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:21 AM

L438	273	("20030187650"|"20040024879"|"20040068567"|"20040203834"|"20040240399"|"20050071481"|"20050143105"|"20050246193"|"20060002355"|"20060069775"|"20060203750"|"20070025270"|"20070190987"|"20070260359"|"20080123685"|"20080250408"|"20100077023"|"6963555"|"6975718"|"7006508"|"7013155"|"7564843"|"7782866"|"20040100973"|"20040158471"|"20040162871"|"20040228279"|"20040267938"|"20050008024"|"20050286519"|"20080192756"|"6766373"|"7613171"|"20020173303"|"20030078858"|"20030212772"|"20040005877"|"20040249953"|"20050033843"|"20050105524"|"20050270992"|"20070078785"|"20070111794"|"20070239892"|"20080019285"|"20080080392"|"20090136016"|"6298129"|"6360196"|"6826613"|"7117526"|"7302496"|"7664495"|"7778187"|"8009586"|"20020166053"|"20030044020"|"20030072485"|"20030174707"|"20050119005"|"20050249196"|"20090192976"|"6999932"|"7353255"|"20020150110"|"20040039781"|"20040044517"|"20040062267"|"20040148434"|"20040213184"|"20050015502"|"20050144288"|"20050201357"|"20060195402"|"20060218624"|"20060230166"|"20070116224"|"20070274276"|"20080005328"|"20090182815"|"20100312832"|"20110040836"|"5761309"|"6202084"|"6389016"|"6438376"|"6741691"|"6940826"|"7769881"|"20030137939"|"20040139225"|"20060183476"|"20060246	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/10/02 10:23 AM

		903"|"20080069105"|"6031818"|"6311150"|"6574668"|"6842460"|"20020038282"|"20030061025"|"20030061481"|"20030135569"|"20030177186"|"20030217318"|"20030229715"|"20040133689"|"20040143678"|"20050187957"|"20050208947"|"20050254440"|"20060121986"|"20060165029"|"20080235362"|"20080235511"|"20090006076"|"20090088150"|"20090300673"|"20100223047"|"5818447"|"6161082"|"6912278"|"7123710"|"7917584"|"20020178087"|"20030220121"|"20050086309"|"20050138119"|"20060148516"|"5790637"|"6473425").PN.					
L439	273	L438	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:23 AM
L440	273	L439	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/10/02 10:23 AM
L441	273	L440	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:23 AM
L442	273	L441	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:23 AM
L443	13187	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/10/02 10:24 AM
L444	71	L443 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/10/02 10:24 AM

		approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"					
L445	11	L443 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911" NOT L444	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/10/02 10:24 AM
L446	44	L443 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L444	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/10/02 10:24 AM
L447	137	((window screen pane image display) WITH (plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/10/02 10:24 AM

		add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L444					
L448	1	((window screen pane image display) WITH (function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/10/02 10:24 AM

		approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT (L444 L445 L446 L447)					
L449	138	((window screen pane image display) WITH (function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L444	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/10/02 10:24 AM
L450	3	((window screen pane image display) WITH (((function program application app sub) NEAR2 (block section segment)) plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/10/02 10:24 AM

		simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT (L444 L445 L446 L447 L449)					
L451	273	("20030187650"|"20040024879"|"20040068567"|"20040203834"|"20040240399"|"20050071481"|"20050143105"|"20050246193"|"20060002355"|"20060069775"|"20060203750"|"20070025270"|"20070190987"|"20070260359"|"20080123685"|"20080250408"|"20100077023"|"6963555"|"6975718"|"7006508"|"7013155"|"7564843"|"7782866"|"20040100973"|"20040158471"|"20040162871"|"20040228279"|"20040267938"|"20050008024"|"20050286519"|"20080192756"|"6766373"|"7613171"|"20020173303"|"20030078858"|"20030212772"|"20040005877"|"20040249953"|"20050033843"|"20050105524"|"20050270992"|"20070078785"|"20070111794"|"20070	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/10/02 10:24 AM

		239892"|"20080019285"|"20080080392"|"20090136016"|"6298129"|"6360196"|"6826613"|"7117526"|"7302496"|"7664495"|"7778187"|"8009586"|"20020166053"|"20030044020"|"20030072485"|"20030174707"|"20050119005"|"20050249196"|"20090192976"|"6999932"|"7353255"|"20020150110"|"20040039781"|"20040044517"|"20040062267"|"20040148434"|"20040213184"|"20050015502"|"20050144288"|"20050201357"|"20060195402"|"20060218624"|"20060230166"|"20070116224"|"20070274276"|"20080005328"|"20090182815"|"20100312832"|"20110040836"|"5761309"|"6202084"|"6389016"|"6438376"|"6741691"|"6940826"|"7769881"|"20030137939"|"20040139225"|"20060183476"|"20060246903"|"20080069105"|"6031818"|"6311150"|"6574668"|"6842460"|"20020038282"|"20030061025"|"20030061481"|"20030135569"|"20030177186"|"20030217318"|"20030229715"|"20040133689"|"20040143678"|"20050187957"|"20050208947"|"20050254440"|"20060121986"|"20060165029"|"20080235362"|"20080235511"|"20090006076"|"20090088150"|"20090300673"|"20100223047"|"5818447"|"6161082"|"6912278"|"7123710"|"7917584"|"20020020178087"|"20030220121"|"20050086309"|"20050138119"|"20060148516"|"5790637"|"6473425").PN.					
L452	1250	G06F9/44526.cpc. AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/10/02 10:24 AM

L453	37	("20010050923"|"20020143548"|"20020156844"|"20030202480"|"20040034776"|"20040103212"|"20050130650"|"20050132009"|"20050198499"|"20050201485"|"20060168643"|"20060258289"|"20070136459"|"20070165629"|"20070206563"|"20070297430"|"20080273541"|"20090052399"|"20090240821"|"20090327516"|"20110122864"|"20110314134"|"6128283"|"7079529"|"7092385"|"7487248"|"7623476"|"20030177422"|"20050033985"|"20050091407"|"6850769"|"7304985"|"20020037000"|"20020064167"|"20030110047"|"20030172145"|"20030214955"|"20040139230"|"20040153858"|"20040268257"|"20050136911"|"20050138128"|"20060072506"|"20060120375"|"20070082671"|"20070130253"|"20110145687"|"6219638"|"6754181"|"6999575"|"7185114"|"7590758"|"7623516"|"7774495"|"20030035441"|"20030076815"|"20030217171"|"20040260952"|"20050050227"|"5442637"|"5889762"|"6343067"|"7080158"|"20020031212"|"20020062285"|"20030046585"|"20040052234"|"20040139228"|"20040267527"|"20050187781"|"20060121902"|"20060171534"|"20060187926"|"20070253435"|"20080032695"|"20080168440"|"20090055473"|"20100049980"|"20100107205"|"20100312897"|"20110099612"|"20120263144"|"6141687"|"6898413"|"7010109"|"7345999"|"7457279"|"7542472"|"7570743"|"8065418"|"20020080719"|"20020176404"|"20030031210"|	(USPAT; USOCR)	OR	ON	ON	2018/10/02 10:24 AM

		"20030115251"|"20070016921"|"6836765"|"20020042769"|"20020124096"|"20030009565"|"20030043764"|"20030105812"|"20040128554"|"20050004982"|"20050120073"|"20050220017"|"20060062180"|"20060182100"|"20060205436"|"20070019545"|"20080091813"|"20080130639"|"20090003322"|"20090156217"|"20090234967"|"20090257433"|"20100011108"|"20100011111"|"20100279670"|"20100299150"|"20100299313"|"7346044"|"7353252"|"7574523"|"7656870"|"20020087887"|"20020120757"|"20020184310"|"20030046056"|"20030163697"|"20040034793"|"20050195802"|"20070110043"|"20080320096"|"6987756"|"7184415"|"7272377"|"7412374"|"7477282"|"7512652"|"20020097150"|"20020152325"|"20030088676"|"20030126213"|"20030158722"|"20030163525").PN.					
L454	36	("20030187650"|"20040024879"|"20040068567"|"20040203834"|"20040240399"|"20050071481"|"20050143105"|"20050246193"|"20060002355"|"20060069775"|"20060203750"|"20070025270"|"20070190987"|"20070260359"|"20080123685"|"20080250408"|"20100077023"|"6963555"|"6975718"|"7006508"|"7013155"|"7564843"|"7782866"|"20040100973"|"20040158471"|"20040162871"|"20040228279"|"20040267938"|"20050008024"|"20050286519"|"20080192756"|"6766373"|"7613171"|"20020173303"|"20030078858"|"20030212772"|"20040005877"|"2004024	(USPAT; USOCR)	OR	ON	ON	2018/10/02 10:24 AM

		9953"|"20050033843"|" 20050105524"|"200502 70992"|"20070078785"| "20070111794"|"20070 239892"|"20080019285 "|"20080080392"|"2009 0136016"|"6298129"|"6 360196"|"6826613"|"71 17526"|"7302496"|"766 4495"|"7778187"|"8009 586"|"20020166053"|"2 0030044020"|"2003007 2485"|"20030174707"|" 20050119005"|"200502 49196"|"20090192976"| "6999932"|"7353255"|"2 0020150110"|"2004003 9781"|"20040044517"|" 20040062267"|"200401 48434"|"20040213184"| "20050015502"|"20050 144288"|"20050201357 "|"20060195402"|"2006 0218624"|"2006023016 6"|"20070116224"|"200 70274276"|"200800053 28"|"20090182815"|"20 100312832"|"20110040 836"|"5761309"|"62020 84"|"6389016"|"643837 6"|"6741691"|"6940826" |"7769881"|"200301379 39"|"20040139225"|"20 060183476"|"20060246 903"|"20080069105"|"6 031818"|"6311150"|"65 74668"|"6842460"|"200 20038282"|"200300610 25"|"20030061481"|"20 030135569"|"20030177 186"|"20030217318"|"2 0030229715"|"2004013 3689"|"20040143678"|" 20050187957"|"200502 08947"|"20050254440"| "20060121986"|"20060 165029"|"20080235362 "|"20080235511"|"2009 0006076"|"2009008815 0"|"20090300673"|"201 00223047"|"5818447"|" 6161082"|"6912278"|"7 123710"|"7917584"|"20 020178087"|"20030220 121"|"20050086309"|"2 0050138119"|"2006014 8516"|"5790637"|"6473 425").PN.					

L455	305	("20010050923"|"20020143548"|"20020156844"|"20030202480"|"20040034776"|"20040103212"|"20050130650"|"20050132009"|"20050198499"|"20050201485"|"20060168643"|"20060258289"|"20070136459"|"20070165629"|"20070206563"|"20070297430"|"20080273541"|"20090052399"|"20090240821"|"20090327516"|"20110122864"|"20110314134"|"6128283"|"7079529"|"7092385"|"7487248"|"7623476"|"20030177422"|"20050033985"|"20050091407"|"6850769"|"7304985"|"20020037000"|"20020064167"|"20030110047"|"20030172145"|"20030214955"|"20040139230"|"20040153858"|"20040268257"|"20050136911"|"20050138128"|"20060072506"|"20060120375"|"20070082671"|"20070130253"|"20110145687"|"6219638"|"6754181"|"6999575"|"7185114"|"7590758"|"7623516"|"7774495"|"20030035441"|"20030076815"|"20030217171"|"20040260952"|"20050050227"|"5442637"|"5889762"|"6343067"|"7080158"|"20020031212"|"20020062285"|"20030046585"|"20040052234"|"20040139228"|"20040267527"|"20050187781"|"20060121902"|"20060171534"|"20060187926"|"20070253435"|"20080032695"|"20080168440"|"20090055473"|"20100049980"|"20100107205"|"20100312897"|"20110099612"|"20120263144"|"6141687"|"6898413"|"7010109"|"7345999"|"7457279"|"7542472"|"7570743"|"8065418"|"20020080719"|"20020176404"|"20030031210"|	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/10/02 10:24 AM

		"20030115251"|"20070016921"|"6836765"|"20020042769"|"20020124096"|"20030009565"|"20030043764"|"20030105812"|"20040128554"|"20050004982"|"20050120073"|"20050220017"|"20060062180"|"20060182100"|"20060205436"|"20070019545"|"20080091813"|"20080130639"|"20090003322"|"20090156217"|"20090234967"|"20090257433"|"20100011108"|"20100011111"|"20100279670"|"20100299150"|"20100299313"|"7346044"|"7353252"|"7574523"|"7656870"|"20020087887"|"20020120757"|"20020184310"|"20030046056"|"20030163697"|"20040034793"|"20050195802"|"20070110043"|"20080320096"|"6987756"|"7184415"|"7272377"|"7412374"|"7477282"|"7512652"|"20020097150"|"20020152325"|"20030088676"|"20030126213"|"20030158722"|"20030163525").PN.					
L456	36	("20030187650"|"20040024879"|"20040068567"|"20040203834"|"20040240399"|"20050071481"|"20050143105"|"20050246193"|"20060002355"|"20060069775"|"20060203750"|"20070025270"|"20070190987"|"20070260359"|"20080123685"|"20080250408"|"20100077023"|"6963555"|"6975718"|"7006508"|"7013155"|"7564843"|"7782866"|"20040100973"|"20040158471"|"20040162871"|"20040228279"|"20040267938"|"20050008024"|"20050286519"|"20080192756"|"6766373"|"7613171"|"20020173303"|"20030078858"|"20030212772"|"20040005877"|"2004024	(USPAT; USOCR)	OR	ON	ON	2018/10/02 10:24 AM

		9953"|"20050033843"|" 20050105524"|"200502 70992"|"20070078785"| "20070111794"|"20070 239892"|"20080019285 "|"20080080392"|"2009 0136016"|"6298129"|"6 360196"|"6826613"|"71 17526"|"7302496"|"766 4495"|"7778187"|"8009 586"|"20020166053"|"2 0030044020"|"2003007 2485"|"20030174707"|" 20050119005"|"200502 49196"|"20090192976"| "6999932"|"7353255"|"2 0020150110"|"2004003 9781"|"20040044517"|" 20040062267"|"200401 48434"|"20040213184"| "20050015502"|"20050 144288"|"20050201357 "|"20060195402"|"2006 0218624"|"2006023016 6"|"20070116224"|"200 70274276"|"200800053 28"|"20090182815"|"20 100312832"|"20110040 836"|"5761309"|"62020 84"|"6389016"|"643837 6"|"6741691"|"6940826" |"7769881"|"200301379 39"|"20040139225"|"20 060183476"|"20060246 903"|"20080069105"|"6 031818"|"6311150"|"65 74668"|"6842460"|"200 20038282"|"200300610 25"|"20030061481"|"20 030135569"|"20030177 186"|"20030217318"|"2 0030229715"|"2004013 3689"|"20040143678"|" 20050187957"|"200502 08947"|"20050254440"| "20060121986"|"20060 165029"|"20080235362 "|"20080235511"|"2009 0006076"|"2009008815 0"|"20090300673"|"201 00223047"|"5818447"|" 6161082"|"6912278"|"7 123710"|"7917584"|"20 020178087"|"20030220 121"|"20050086309"|"2 0050138119"|"2006014 8516"|"5790637"|"6473 425").PN.					

L457	523	L452 AND (mobile cell cellular phone iphone) NOT (L444 L445 L446 L447 L448 L450 L453 L454 L455 L456 L451)	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/10/02 10:24 AM
L458	523	L457	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:24 AM
L459	523	L458	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/10/02 10:24 AM
L460	523	L459	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:24 AM
L461	523	L460	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:24 AM
L462	0	L414 AND without NEAR5 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved) WITH (superblock super-block super ADJ block function ADJ block function-block functionblock funblock program-block program ADJ block application ADJ block appblock app-block application-block)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:30 AM
L463	0	L462	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/10/02 10:30 AM
L464	0	L463	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:30 AM
L465	0	L464	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:30 AM
L466	312	without WITH (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved) WITH (superblock super-block super ADJ block	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:34 AM

		function ADJ block function-block functionblock funblock program-block program ADJ block application ADJ block appblock app-block application-block)					
L467	312	L466	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/10/02 10:34 AM
L468	312	L467	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:34 AM
L469	312	L468	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:34 AM
L470	211	(instead place missing skipping) WITH (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved) WITH (superblock super-block super ADJ block function ADJ block function-block functionblock funblock program-block program ADJ block application ADJ block appblock app-block application-block) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:51 AM
L471	211	L470	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/10/02 10:51 AM
L472	211	L471	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:51 AM
L473	211	L472	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:51 AM
L474	12	(without) NEAR2 (context NEAR1 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:52 AM

		ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L466 L470)					
L475	12	L474	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/10/02 10:52 AM
L476	12	L475	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:52 AM
L477	12	L476	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:52 AM
L478	41	(without instead place missing skipping) WITH (context NEAR1 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L466 L470)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:52 AM
L479	41	L478	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/10/02 10:52 AM
L480	41	L479	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:52 AM
L481	41	L480	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:52 AM
L482	29	(without instead place missing skipping) WITH (context NEAR1 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L466 L470 L474)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:53 AM
L483	29	L482	(US-PGPUB; USPAT; EPO; JPO;	OR	ON	ON	2018/10/02 10:53 AM

			DERWENT; IBM_TDB)				
L484	29	L483	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:53 AM
L485	29	L484	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:53 AM
L486	5	(without instead place missing skipping) WITH (context NEAR3 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L466 L470 L474 L482)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:53 AM
L487	5	L486	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/10/02 10:53 AM
L488	5	L487	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:53 AM
L489	5	L488	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:53 AM
L490	10	without ADJ switching NEAR3 context WITH superblock	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:54 AM
L491	10	L490	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/10/02 10:54 AM
L492	10	L491	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:54 AM
L493	10	L492	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:54 AM
L494	7	establishing WITH function WITH block WITH superblock	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:54 AM
L495	7	L494	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/10/02 10:54 AM
L496	7	L495	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:54 AM
L497	7	L496	(US-PGPUB; USPAT;	OR	ON	ON	2018/10/02

			EPO; JPO; DERWENT)				10:54 AM
L498	59	(establish establishes establishing established establishment ascertain ascertains ascertaining ascertained determine determines determining determined determination discover discovers discovering discovered discovery learn learns learning learned (find finds finding) ADJ out found certain confirm confirms confirming confirmed confirmation) WITH (lack lacks lacking lacked without) WITH (superblock super-block super ADJ block (parent child primary secondary top bottom) ADJ block) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:54 AM
L499	59	L498	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:54 AM
L500	57	(establish establishes establishing established establishment ascertain ascertains ascertaining ascertained determine determines determining determined determination discover discovers discovering discovered discovery learn learns learning learned (find finds finding) ADJ out found certain confirm confirms confirming confirmed confirmation) WITH (lack lacks lacking lacked without) WITH ((parent child primary secondary top bottom) ADJ (application program app)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:55 AM
L501	57	L500	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:55 AM
L502	177	(network net grid web cloud LAN WAN) SAME	(US-PGPUB; USPAT; EPO; JPO;	OR	ON	ON	2018/10/02 10:56 AM

		((lack lacks lacking lacked without) WITH ((master slave parent child primary secondary top bottom) ADJ (application program app))) AND @ad<"20130911" NOT (L498 L500)	DERWENT)				
L503	177	L502	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:56 AM
L504	117	(absense missing lack lackes lacking lacked) NEAR2 (support supports supporting supported) NEAR2 (code ADJ block code-block code ADJ section code-section layer superblock super ADJ block super-block) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:56 AM
L505	248	(absense missing lack lackes lacking lacked) NEAR5 (support supports supporting supported) NEAR5 (code ADJ block code-block code ADJ section code-section layer superblock super ADJ block super-block) AND @ad<"20130911" NOT L504	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:56 AM
L506	13187	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/10/02 10:57 AM
L507	71	L506 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/10/02 10:57 AM

		allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"					
L508	71	L507	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:57 AM
L509	71	L508	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/10/02 10:57 AM
L510	71	L509	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:57 AM
L511	71	L510	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:57 AM
L512	506	(audio video visual audible sound image multimedia) WITH (app application program programme) WITH (add-on addon plug-in plugin plug ADJ in) WITH (net network LAN WAN) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:58 AM
L513	277	(audio video visual audible sound image multimedia) NEAR10 (app application program programme) WITH (add-on addon plug-in plugin plug ADJ in) WITH (net network LAN WAN) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:58 AM
L514	229	L512 NOT L513	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:58 AM
L515	0	(audio video visual audible sound image multimedia video-game video ADJ game) WITH (app application program programme) WITH (add-on addon plug-in plugin plug ADJ in) WITH (net network LAN WAN) AND @ad<"20130911" NOT (L512)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 10:59 AM
L516	13187	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc.	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/10/02 11:00 AM

		G06F9/44526.cpc.) AND @ad<"20130911"					
L517	71	L516 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/10/02 11:00 AM
L518	71	L517	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 11:00 AM
L519	71	L518	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/10/02 11:00 AM
L520	71	L519	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 11:00 AM
L521	71	L520	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 11:00 AM
L522	13187	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/10/02 11:01 AM
L523	71	L522 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/10/02 11:01 AM

		allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"					
L524	11	L522 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911" NOT L523	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/10/02 11:01 AM
L525	11	L524	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 11:01 AM
L526	11	L525	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2018/10/02 11:01 AM
L527	11	L526	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 11:01 AM
L528	11	L527	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2018/10/02 11:01 AM
L529	13445	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2019/04/01 10:53 AM
L530	72	L529 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2019/04/01 10:53 AM

		authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"					
L531	72	L530	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 10:53 AM
L532	72	L531	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 10:53 AM
L533	72	L532	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 10:53 AM
L534	72	L533	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 10:53 AM
L535	13445	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2019/04/01 10:54 AM
L536	72	L535 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2019/04/01 10:54 AM
L537	11	L535 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 10:54 AM

		determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911" NOT L536					
L538	11	L537	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 10:54 AM
L539	11	L538	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 10:54 AM
L540	11	L539	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 10:54 AM
L541	11	L540	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 10:54 AM
L542	13445	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2019/04/01 10:55 AM
L543	72	L542 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2019/04/01 10:55 AM
L544	44	L542 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 10:55 AM

		(verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L543					
L545	44	L544	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 10:55 AM
L546	44	L545	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 10:55 AM
L547	44	L546	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 10:55 AM
L548	44	L547	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 10:55 AM
L549	137	((window screen pane image display) WITH (plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 10:58 AM

		approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L543					
L550	137	L549	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 10:58 AM
L551	137	L550	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 10:58 AM
L552	137	L551	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 10:58 AM
L553	137	L552	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 10:58 AM
L554	13445	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2019/04/01 11:35 AM
L555	72	L554 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2019/04/01 11:35 AM
L556	44	L554 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 11:35 AM

		checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L555					
L557	137	((window screen pane image display) WITH (plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L555	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 11:35 AM
L558	11	L554 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 11:35 AM

		verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911" NOT L555					
L559	1	((window screen pane image display) WITH (function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT (L555 L558 L556 L557)	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 11:35 AM
L560	1	L559	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 11:35 AM
L561	1	L560	(US-PGPUB; USPAT;	OR	ON	ON	2019/04/01

			EPO; JPO; DERWENT; IBM_TDB)				11:35 AM
L562	1	L561	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 11:35 AM
L563	1	L562	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 11:35 AM
L564	138	((window screen pane image display) WITH (function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L555	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 11:48 AM
L565	3	((window screen pane image display) WITH (((function program application app sub) NEAR2 (block section segment)) plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 11:48 AM

		time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT (L555 L558 L556 L557 L564)						
L566	3	L565	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 11:48 AM
L567	3	L566	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 11:48 AM
L568	3	L567	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 11:48 AM
L569	3	L568	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 11:48 AM
L570	276	("20030187650"|"20040024879"|"20040068567"|"20040203834"|"20040240399"|"20050071481"|"20050143105"|"20050246193"|"20060002355"|"20060069775"|"20060203750"|"20070025270"|"20070190987"|"20070260359"|"20080123685"|"20080250408"|"20100077023"|"6963555"|"6975718"|"7006508"|"7013155"|"7564843"|"7782866"|"2004010097	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 11:54 AM

		3"|"20040158471"|"200 40162871"|"200402282 79"|"20040267938"|"20 050008024"|"20050286 519"|"20080192756"|"6 766373"|"7613171"|"20 020173303"|"20030078 858"|"20030212772"|"2 0040005877"|"2004024 9953"|"20050033843"|" 20050105524"|"200502 70992"|"20070078785"| "20070111794"|"20070 239892"|"20080019285 "|"20080080392"|"2009 0136016"|"6298129"|"6 360196"|"6826613"|"71 17526"|"7302496"|"766 4495"|"7778187"|"8009 586"|"20020166053"|"2 0030044020"|"2003007 2485"|"20030174707"|" 20050119005"|"200502 49196"|"20090192976"| "6999932"|"7353255"|"2 0020150110"|"2004003 9781"|"20040044517"|" 20040062267"|"200401 48434"|"20040213184"| "20050015502"|"20050 144288"|"20050201357 "|"20060195402"|"2006 0218624"|"2006023016 6"|"20070116224"|"200 70274276"|"200800053 28"|"20090182815"|"20 100312832"|"20110040 836"|"5761309"|"62020 84"|"6389016"|"643837 6"|"6741691"|"6940826" |"7769881"|"200301379 39"|"20040139225"|"20 060183476"|"20060246 903"|"20080069105"|"6 031818"|"6311150"|"65 74668"|"6842460"|"200 20038282"|"200300610 25"|"20030061481"|"20 030135569"|"20030177 186"|"20030217318"|"2 0030229715"|"2004013 3689"|"20040143678"|" 20050187957"|"200502 08947"|"20050254440"| "20060121986"|"20060 165029"|"20080235362 "|"20080235511"|"2009 0006076"|"2009008815					

		0"|"20090300673"|"201 00223047"|"5818447"|" 6161082"|"6912278"|"7 123710"|"7917584"|"20 020178087"|"20030220 121"|"20050086309"|"2 0050138119"|"2006014 8516"|"5790637"|"6473 425").PN.					
L571	276	L570	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 11:54 AM
L572	276	L571	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 11:54 AM
L573	276	L572	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 11:54 AM
L574	276	L573	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 11:54 AM
L575	276	("20030187650"|"20040 024879"|"20040068567 "|"20040203834"|"2004 0240399"|"2005007148 1"|"20050143105"|"200 50246193"|"200600023 55"|"20060069775"|"20 060203750"|"20070025 270"|"20070190987"|"2 0070260359"|"2008012 3685"|"20080250408"|" 20100077023"|"696355 5"|"6975718"|"7006508" |"7013155"|"7564843"|" 7782866"|"2004010097 3"|"20040158471"|"200 40162871"|"200402282 79"|"20040267938"|"20 050008024"|"20050286 519"|"20080192756"|"6 766373"|"7613171"|"20 020173303"|"20030078 858"|"20030212772"|"2 0040005877"|"2004024 9953"|"20050033843"|" 20050105524"|"200502 70992"|"20070078785"| "20070111794"|"20070 239892"|"20080019285 "|"20080080392"|"2009 0136016"|"6298129"|"6 360196"|"6826613"|"71 17526"|"7302496"|"766 4495"|"7778187"|"8009 586"|"20020166053"|"2	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 11:56 AM

		0030044020"|"20030072485"|"20030174707"|"20050119005"|"20050249196"|"20090192976"|"6999932"|"7353255"|"20020150110"|"20040039781"|"20040044517"|"20040062267"|"20040148434"|"20040213184"|"20050015502"|"20050144288"|"20050201357"|"20060195402"|"20060218624"|"20060230166"|"20070116224"|"20070274276"|"20080005328"|"20090182815"|"20100312832"|"20110040836"|"5761309"|"6202084"|"6389016"|"6438376"|"6741691"|"6940826"|"7769881"|"20030137939"|"20040139225"|"20060183476"|"20060246903"|"20080069105"|"6031818"|"6311150"|"6574668"|"6842460"|"20020038282"|"20030061025"|"20030061481"|"20030135569"|"20030177186"|"20030217318"|"20030229715"|"20040133689"|"20040143678"|"20050187957"|"20050208947"|"20050254440"|"20060121986"|"20060165029"|"20080235362"|"20080235511"|"20090006076"|"20090088150"|"20090300673"|"20100223047"|"5818447"|"6161082"|"6912278"|"7123710"|"7917584"|"20020178087"|"20030220121"|"20050086309"|"20050138119"|"20060148516"|"5790637"|"6473425").PN.				
L576	276	L575	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 11:56 AM
L577	276	L576	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 11:56 AM
L578	276	L577	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 11:56 AM
L579	276	L578	(US-PGPUB; USPAT;	OR	ON	ON	2019/04/01

			EPO; JPO; DERWENT)				11:56 AM
L580	13445	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2019/04/01 11:57 AM
L581	72	L580 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2019/04/01 11:57 AM
L582	11	L580 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911" NOT L581	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 12:06 PM
L583	44	L580 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 12:06 PM

		check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L581					
L584	137	((window screen pane image display) WITH (plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L581	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 12:06 PM
L585	1	((window screen pane image display) WITH (function ADJ block plug-in plugin plug ADJ in addon add-on add	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 12:06 PM

		ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT (L581 L582 L583 L584)					
L586	138	((window screen pane image display) WITH (function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 12:06 PM

		authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L581					
L587	3	((window screen pane image display) WITH (((function program application app sub) NEAR2 (block section segment)) plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT (L581 L582 L583 L584 L586)	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 12:06 PM
L588	276	("20030187650"|"20040024879"|"20040068567"|"20040203834"|"20040240399"|"20050071481"|"20050143105"|"200	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 12:06 PM

		50246193"|"200600023 55"|"20060069775"|"20 060203750"|"20070025 270"|"20070190987"|"2 0070260359"|"2008012 3685"|"20080250408"|" 20100077023"|"696355 5"|"6975718"|"7006508" |"7013155"|"7564843"|" 7782866"|"2004010097 3"|"20040158471"|"200 40162871"|"200402282 79"|"20040267938"|"20 050008024"|"20050286 519"|"20080192756"|"6 766373"|"7613171"|"20 020173303"|"20030078 858"|"20030212772"|"2 0040005877"|"2004024 9953"|"20050033843"|" 20050105524"|"200502 70992"|"20070078785"| "20070111794"|"20070 239892"|"20080019285 "|"20080080392"|"2009 0136016"|"6298129"|"6 360196"|"6826613"|"71 17526"|"7302496"|"766 4495"|"7778187"|"8009 586"|"20020166053"|"2 0030044020"|"2003007 2485"|"20030174707"|" 20050119005"|"200502 49196"|"20090192976"| "6999932"|"7353255"|"2 0020150110"|"2004003 9781"|"20040044517"|" 20040062267"|"200401 48434"|"20040213184"| "20050015502"|"20050 144288"|"20050201357 "|"20060195402"|"2006 0218624"|"2006023016 6"|"20070116224"|"200 70274276"|"200800053 28"|"20090182815"|"20 100312832"|"20110040 836"|"5761309"|"62020 84"|"6389016"|"643837 6"|"6741691"|"6940826" |"7769881"|"200301379 39"|"20040139225"|"20 060183476"|"20060246 903"|"20080069105"|"6 031818"|"6311150"|"65 74668"|"6842460"|"200 20038282"|"200300610 25"|"20030061481"|"20					

		030135569"|"20030177186"|"20030217318"|"20030229715"|"20040133689"|"20040143678"|"20050187957"|"20050208947"|"20050254440"|"20060121986"|"20060165029"|"20080235362"|"20080235511"|"20090006076"|"20090088150"|"20090300673"|"20100223047"|"5818447"|"6161082"|"6912278"|"7123710"|"7917584"|"20020178087"|"20030220121"|"20050086309"|"20050138119"|"20060148516"|"5790637"|"6473425").PN.					
L589	1265	G06F9/44526.cpc. AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2019/04/01 12:06 PM
L590	37	("20010050923"|"20020143548"|"20020156844"|"20030202480"|"20040034776"|"20040103212"|"20050130650"|"20050132009"|"20050198499"|"20050201485"|"20060168643"|"20060258289"|"20070136459"|"20070165629"|"20070206563"|"20070297430"|"20080273541"|"20090052399"|"20090240821"|"20090327516"|"20110122864"|"20110314134"|"6128283"|"7079529"|"7092385"|"7487248"|"7623476"|"20030177422"|"20050033985"|"20050091407"|"6850769"|"7304985"|"20020037000"|"20020064167"|"20030110047"|"20030172145"|"20030214955"|"20040139230"|"20040153858"|"20040268257"|"20050136911"|"20050138128"|"20060072506"|"20060120375"|"20070082671"|"20070130253"|"20110145687"|"6219638"|"6754181"|"6999575"|"7185114"|"7590758"|"7623516"|"7774495"|"20030035441"|"2003007	(USPAT; USOCR)	OR	ON	ON	2019/04/01 12:06 PM

		6815"|"20030217171"|"20040260952"|"20050050227"|"5442637"|"5889762"|"6343067"|"7080158"|"20020031212"|"20020062285"|"20030046585"|"20040052234"|"20040139228"|"20040267527"|"20050187781"|"20060121902"|"20060171534"|"20060187926"|"20070253435"|"20080032695"|"20080168440"|"20090055473"|"20100049980"|"20100107205"|"20100312897"|"20110099612"|"20120263144"|"6141687"|"6898413"|"7010109"|"7345999"|"7457279"|"7542472"|"7570743"|"8065418"|"20020080719"|"20020176404"|"20030031210"|"20030115251"|"20070016921"|"6836765"|"20020042769"|"20020124096"|"20030009565"|"20030043764"|"20030105812"|"20040128554"|"20050004982"|"20050120073"|"20050220017"|"20060062180"|"20060182100"|"20060205436"|"20070019545"|"20080091813"|"20080130639"|"20090003322"|"20090156217"|"20090234967"|"20090257433"|"20100011108"|"20100011111"|"20100279670"|"20100299150"|"20100299313"|"7346044"|"7353252"|"7574523"|"7656870"|"20020087887"|"20020120757"|"20020184310"|"20030046056"|"20030163697"|"20040034793"|"20050195802"|"20070110043"|"20080320096"|"6987756"|"7184415"|"7272377"|"7412374"|"7477282"|"7512652"|"20020097150"|"20020152325"|"20030088676"|"20030126213"|"20030158722"|"20030163525").PN.					
L591	36	("20030187650"|"20040	(USPAT; USOCR)	OR	ON	ON	2019/04/01

		024879"|"20040068567"|"20040203834"|"20040240399"|"20050071481"|"20050143105"|"20050246193"|"20060002355"|"20060069775"|"20060203750"|"20070025270"|"20070190987"|"20070260359"|"20080123685"|"20080250408"|"20100077023"|"6963555"|"6975718"|"7006508"|"7013155"|"7564843"|"7782866"|"20040100973"|"20040158471"|"20040162871"|"20040228279"|"20040267938"|"20050008024"|"20050286519"|"20080192756"|"6766373"|"7613171"|"20020173303"|"20030078858"|"20030212772"|"20040005877"|"20040249953"|"20050033843"|"20050105524"|"20050270992"|"20070078785"|"20070111794"|"20070239892"|"20080019285"|"20080080392"|"20090136016"|"6298129"|"6360196"|"6826613"|"7117526"|"7302496"|"7664495"|"7778187"|"8009586"|"20020166053"|"20030044020"|"20030072485"|"20030174707"|"20050119005"|"20050249196"|"20090192976"|"6999932"|"7353255"|"20020150110"|"20040039781"|"20040044517"|"20040062267"|"20040148434"|"20040213184"|"20050015502"|"20050144288"|"20050201357"|"20060195402"|"20060218624"|"20060230166"|"20070116224"|"20070274276"|"20080005328"|"20090182815"|"20100312832"|"20110040836"|"5761309"|"6202084"|"6389016"|"6438376"|"6741691"|"6940826"|"7769881"|"20030137939"|"20040139225"|"20060183476"|"20060246903"|"20080069105"|"6					12:06 PM

		031818"|"6311150"|"65 74668"|"6842460"|"200 20038282"|"200300610 25"|"20030061481"|"20 030135569"|"20030177 186"|"20030217318"|"2 0030229715"|"2004013 3689"|"20040143678"|" 20050187957"|"200502 08947"|"20050254440"| "20060121986"|"20060 165029"|"20080235362 "|"20080235511"|"2009 0006076"|"2009008815 0"|"20090300673"|"201 00223047"|"5818447"|" 6161082"|"6912278"|"7 123710"|"7917584"|"20 020178087"|"20030220 121"|"20050086309"|"2 0050138119"|"2006014 8516"|"5790637"|"6473 425").PN.					
L592	305	("20010050923"|"20020 143548"|"20020156844 "|"20030202480"|"2004 0034776"|"2004010321 2"|"20050130650"|"200 50132009"|"200501984 99"|"20050201485"|"20 060168643"|"20060258 289"|"20070136459"|"2 0070165629"|"2007020 6563"|"20070297430"|" 20080273541"|"200900 52399"|"20090240821"| "20090327516"|"20110 122864"|"20110314134 "|"6128283"|"7079529"|" 7092385"|"7487248"|"7 623476"|"20030177422 "|"20050033985"|"2005 0091407"|"6850769"|"7 304985"|"20020037000 "|"20020064167"|"2003 0110047"|"2003017214 5"|"20030214955"|"200 40139230"|"200401538 58"|"20040268257"|"20 050136911"|"20050138 128"|"20060072506"|"2 0060120375"|"2007008 2671"|"20070130253"|" 20110145687"|"621963 8"|"6754181"|"6999575" |"7185114"|"7590758"|" 7623516"|"7774495"|"2 0030035441"|"2003007	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 12:06 PM

		6815"|"20030217171"|"20040260952"|"20050050227"|"5442637"|"5889762"|"6343067"|"7080158"|"20020031212"|"20020062285"|"20030046585"|"20040052234"|"20040139228"|"20040267527"|"20050187781"|"20060121902"|"20060171534"|"20060187926"|"20070253435"|"20080032695"|"20080168440"|"20090055473"|"20100049980"|"20100107205"|"20100312897"|"20110099612"|"20120263144"|"6141687"|"6898413"|"7010109"|"7345999"|"7457279"|"7542472"|"7570743"|"8065418"|"20020080719"|"20020176404"|"20030031210"|"20030115251"|"20070016921"|"6836765"|"20020042769"|"20020124096"|"20030009565"|"20030043764"|"20030105812"|"20040128554"|"20050004982"|"20050120073"|"20050220017"|"20060062180"|"20060182100"|"20060205436"|"20070019545"|"20080091813"|"20080130639"|"20090003322"|"20090156217"|"20090234967"|"20090257433"|"20100011108"|"20100011111"|"20100279670"|"20100299150"|"20100299313"|"7346044"|"7353252"|"7574523"|"7656870"|"20020087887"|"20020120757"|"20020184310"|"20030046056"|"20030163697"|"20040034793"|"20050195802"|"20070110043"|"20080320096"|"6987756"|"7184415"|"7272377"|"7412374"|"7477282"|"7512652"|"20020097150"|"20020152325"|"20030088676"|"20030126213"|"20030158722"|"20030163525").PN.				
L593	36	("20030187650"|"20040	(USPAT; USOCR)	OR	ON	ON	2019/04/01

		024879"|"20040068567"|"20040203834"|"20040240399"|"20050071481"|"20050143105"|"20050246193"|"20060002355"|"20060069775"|"20060203750"|"20070025270"|"20070190987"|"20070260359"|"20080123685"|"20080250408"|"20100077023"|"6963555"|"6975718"|"7006508"|"7013155"|"7564843"|"7782866"|"20040100973"|"20040158471"|"20040162871"|"20040228279"|"20040267938"|"20050008024"|"20050286519"|"20080192756"|"6766373"|"7613171"|"20020173303"|"20030078858"|"20030212772"|"20040005877"|"20040249953"|"20050033843"|"20050105524"|"20050270992"|"20070078785"|"20070111794"|"20070239892"|"20080019285"|"20080080392"|"20090136016"|"6298129"|"6360196"|"6826613"|"7117526"|"7302496"|"7664495"|"7778187"|"8009586"|"20020166053"|"20030044020"|"20030072485"|"20030174707"|"20050119005"|"20050249196"|"20090192976"|"6999932"|"7353255"|"20020150110"|"20040039781"|"20040044517"|"20040062267"|"20040148434"|"20040213184"|"20050015502"|"20050144288"|"20050201357"|"20060195402"|"20060218624"|"20060230166"|"20070116224"|"20070274276"|"20080005328"|"20090182815"|"20100312832"|"20110040836"|"5761309"|"6202084"|"6389016"|"6438376"|"6741691"|"6940826"|"7769881"|"20030137939"|"20040139225"|"20060183476"|"20060246903"|"20080069105"|"6					12:06 PM

		031818"|"6311150"|"6574668"|"6842460"|"20020038282"|"20030061025"|"20030061481"|"20030135569"|"20030177186"|"20030217318"|"20030229715"|"20040133689"|"20040143678"|"20050187957"|"20050208947"|"20050254440"|"20060121986"|"20060165029"|"20080235362"|"20080235511"|"20090006076"|"20090088150"|"20090300673"|"20100223047"|"5818447"|"6161082"|"6912278"|"7123710"|"7917584"|"20020178087"|"20030220121"|"20050086309"|"20050138119"|"20060148516"|"5790637"|"6473425").PN.					
L594	528	L589 AND (mobile cell cellular phone iphone) NOT (L581 L582 L583 L584 L585 L587 L590 L591 L592 L593 L588)	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2019/04/01 12:06 PM
L595	528	L594	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 12:06 PM
L596	528	L595	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 12:06 PM
L597	528	L596	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 12:06 PM
L598	528	L597	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 12:06 PM
L599	0	L554 AND without NEAR5 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved) WITH (superblock super-block super ADJ block function ADJ block function-block functionblock funblock program-block program ADJ block application	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 12:58 PM

		ADJ block appblock app-block application-block)					
L600	0	L599	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 12:58 PM
L601	0	L600	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 12:58 PM
L602	0	L601	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 12:58 PM
L603	322	without WITH (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved) WITH (superblock super-block super ADJ block function ADJ block function-block functionblock funblock program-block program ADJ block application ADJ block appblock app-block application-block)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 12:59 PM
L604	322	L603	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 12:59 PM
L605	322	L604	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 12:59 PM
L606	322	L605	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 12:59 PM
L607	211	(instead place missing skipping) WITH (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved) WITH (superblock super-block super ADJ block function ADJ block function-block functionblock funblock program-block program ADJ block application	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 01:21 PM

		ADJ block appblock app-block application-block) AND @ad<"20130911"					
L608	211	L607	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 01:21 PM
L609	211	L608	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 01:21 PM
L610	211	L609	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 01:21 PM
L611	12	(without) NEAR2 (context NEAR1 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L603 L607)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 01:24 PM
L612	12	L611	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 01:24 PM
L613	12	L612	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 01:24 PM
L614	12	L613	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 01:24 PM
L615	41	(without instead place missing skipping) WITH (context NEAR1 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L603 L607)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 01:25 PM
L616	41	L615	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 01:25 PM

L617	41	L616	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 01:25 PM
L618	41	L617	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 01:25 PM
L619	29	(without instead place missing skipping) WITH (context NEAR1 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L603 L607 L611)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 01:26 PM
L620	29	L619	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 01:26 PM
L621	29	L620	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 01:26 PM
L622	29	L621	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 01:26 PM
L623	5	(without instead place missing skipping) WITH (context NEAR3 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L603 L607 L611 L619)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 01:27 PM
L624	5	L623	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 01:27 PM
L625	5	L624	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 01:27 PM
L626	5	L625	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 01:27 PM
L627	10	without ADJ switching	(US-PGPUB; USPAT;	OR	ON	ON	2019/04/01

		NEAR3 context WITH superblock	EPO; JPO; DERWENT)				01:28 PM
L628	10	L627	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 01:28 PM
L629	10	L628	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 01:28 PM
L630	10	L629	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 01:28 PM
L631	7	establishing WITH function WITH block WITH superblock	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 01:29 PM
L632	7	L631	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 01:29 PM
L633	7	L632	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 01:29 PM
L634	7	L633	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 01:29 PM
L635	60	(establish establishes establishing established establishment ascertain ascertains ascertaining ascertained determine determines determining determined determination discover discovers discovering discovered discovery learn learns learning learned (find finds finding) ADJ out found certain confirm confirms confirming confirmed confirmation) WITH (lack lacks lacking lacked without) WITH (superblock super-block super ADJ block (parent child primary secondary top bottom) ADJ block) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 01:30 PM
L636	60	L635	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 01:30 PM
L637	57	(establish establishes establishing established establishment ascertain ascertains ascertaining ascertained determine determines determining	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 01:53 PM

		determined determination discover discovers discovering discovered discovery learn learns learning learned (find finds finding) ADJ out found certain confirm confirms confirming confirmed confirmation) WITH (lack lacks lacking lacked without) WITH ((parent child primary secondary top bottom) ADJ (application program app)) AND @ad<"20130911"					
L638	178	(network net grid web cloud LAN WAN) SAME ((lack lacks lacking lacked without) WITH ((master slave parent child primary secondary top bottom) ADJ (application program app))) AND @ad<"20130911" NOT (L635 L637)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 01:53 PM
L639	178	L638	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 01:53 PM
L640	13445	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2019/04/01 01:55 PM
L641	72	L640 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2019/04/01 01:55 PM

L642	72	L641	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 01:55 PM
L643	72	L642	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 01:55 PM
L644	72	L643	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 01:55 PM
L645	72	L644	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 01:55 PM
L646	514	(audio video visual audible sound image multimedia) WITH (app application program programme) WITH (add-on addon plug-in plugin plug ADJ in) WITH (net network LAN WAN) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 01:56 PM
L647	283	(audio video visual audible sound image multimedia) NEAR10 (app application program programme) WITH (add-on addon plug-in plugin plug ADJ in) WITH (net network LAN WAN) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 01:56 PM
L648	231	L646 NOT L647	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 01:56 PM
L649	0	(audio video visual audible sound image multimedia video-game video ADJ game) WITH (app application program programme) WITH (add-on addon plug-in plugin plug ADJ in) WITH (net network LAN WAN) AND @ad<"20130911" NOT (L646)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 01:58 PM
L650	13445	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2019/04/01 01:59 PM
L651	72	L650 AND ((plug-in plugin plug ADJ in addon add-on add ADJ	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2019/04/01 01:59 PM

		on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"					
L652	72	L651	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 01:59 PM
L653	72	L652	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 01:59 PM
L654	72	L653	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 01:59 PM
L655	72	L654	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 01:59 PM
L656	13445	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2019/04/01 02:00 PM
L657	72	L656 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2019/04/01 02:00 PM

L658	11	L656 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911" NOT L657	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 02:00 PM
L659	11	L658	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 02:00 PM
L660	11	L659	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 02:00 PM
L661	11	L660	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 02:00 PM
L662	11	L661	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 02:00 PM
L663	13445	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2019/04/01 02:02 PM
L664	72	L663 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2019/04/01 02:02 PM

		allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"					
L665	44	L663 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L664	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 02:02 PM
L666	44	L665	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 02:02 PM
L667	44	L666	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 02:02 PM
L668	44	L667	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 02:02 PM
L669	44	L668	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 02:02 PM
L670	137	((window screen pane image display) WITH (plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 02:05 PM

		verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L664					
L671	137	L670	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 02:05 PM
L672	137	L671	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/01 02:05 PM
L673	137	L672	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 02:05 PM
L674	137	L673	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2019/04/01 02:05 PM
L675	89	block WITH ((absent without exclude excludes excluding excluded exclusion missing) NEAR5 (context state) NEAR2 (switch swtiches switching switched swap swaps swapping swapped)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/02 11:43 AM
L676	5748	((absent without exclude excludes excluding excluded exclusion missing) NEAR5 (context state) NEAR2 (switch swtiches switching switched swap swaps swapping swapped)) AND @ad<"20130911" NOT L675	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/02 11:53 AM
L677	411	(function NEAR5 block) AND ((absent without exclude excludes	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/02 11:54 AM

		excluding excluded exclusion missing) NEAR5 (context state) NEAR2 (switch swtiches switching switched swap swaps swapping swapped)) AND @ad<"20130911" NOT L675					
L678	209	(function NEAR2 block) AND ((absent without exclude excludes excluding excluded exclusion missing) NEAR5 (context state) NEAR2 (switch swtiches switching switched swap swaps swapping swapped)) AND @ad<"20130911" NOT L675	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/02 11:54 AM
L679	89	block WITH ((absent without exclude excludes excluding excluded exclusion missing) NEAR5 (context state) NEAR2 (switch swtiches switching switched swap swaps swapping swapped)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/02 12:54 PM
L680	411	(function NEAR5 block) AND ((absent without exclude excludes excluding excluded exclusion missing) NEAR5 (context state) NEAR2 (switch swtiches switching switched swap swaps swapping swapped)) AND @ad<"20130911" NOT L679	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/02 12:54 PM
L681	411	L680 NOT L679	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/02 12:54 PM
L682	209	(function NEAR2 block) AND ((absent without exclude excludes excluding excluded exclusion missing) NEAR5 (context state) NEAR2 (switch swtiches switching switched swap swaps	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/02 12:56 PM

		swapping swapped)) AND @ad<"20130911" NOT L679					
L683	202	L680 NOT (L679 L682)	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/02 12:56 PM
L684	0	L680 NOT (L679 L682 L683)	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/02 01:18 PM
L685	154	(function NEAR5 block) AND ((absent without exclude excludes excluding excluded exclusion missing) NEAR5 (context state) NEAR5 (switch swtiches switching switched swap swaps swapping swapped)) AND @ad<"20130911" NOT (L679 L682 L683)	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2019/04/02 01:19 PM
L690	13726	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2020/04/10 01:04 PM
L691	72	L690 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2020/04/10 01:04 PM
L692	11	L690 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:04 PM

		determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911" NOT L691					
L693	44	L690 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L691	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:04 PM
L694	139	((window screen pane image display) WITH (plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:04 PM

		determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L691					
L695	1	((window screen pane image display) WITH (function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT (L691 L692 L693 L694)	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:04 PM
L696	140	((window screen pane image display) WITH (function ADJ block plug-in plugin plug ADJ in addon add-on add	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:04 PM

		ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L691					
L697	3	((window screen pane image display) WITH (((function program application app sub) NEAR2 (block section segment)) plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:04 PM

		determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT (L691 L692 L693 L694 L696)					
L698	277	("20030187650"|"20040024879"|"20040068567"|"20040203834"|"20040240399"|"20050071481"|"20050143105"|"20050246193"|"20060002355"|"20060069775"|"20060203750"|"20070025270"|"20070190987"|"20070260359"|"20080123685"|"20080250408"|"20100077023"|"6963555"|"6975718"|"7006508"|"7013155"|"7564843"|"7782866"|"20040100973"|"20040158471"|"20040162871"|"20040228279"|"20040267938"|"20050008024"|"20050286519"|"20080192756"|"6766373"|"7613171"|"20020173303"|"20030078858"|"20030212772"|"20040005877"|"20040249953"|"20050033843"|"20050105524"|"20050270992"|"20070078785"|"20070111794"|"20070239892"|"20080019285"|"20080080392"|"20090136016"|"6298129"|"6360196"|"6826613"|"7117526"|"7302496"|"7664495"|"7778187"|"8009586"|"20020166053"|"20030044020"|"20030072485"|"20030174707"|"20050119005"|"20050249196"|"20090192976"|"6999932"|"7353255"|"20020150110"|"20040039781"|"20040044517"|"20040062267"|"200401	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:04 PM

		48434"|"20040213184"|"20050015502"|"20050144288"|"20050201357"|"20060195402"|"20060218624"|"20060230166"|"20070116224"|"20070274276"|"20080005328"|"20090182815"|"20100312832"|"20110040836"|"5761309"|"6202084"|"6389016"|"6438376"|"6741691"|"6940826"|"7769881"|"20030137939"|"20040139225"|"20060183476"|"20060246903"|"20080069105"|"6031818"|"6311150"|"6574668"|"6842460"|"20020038282"|"20030061025"|"20030061481"|"20030135569"|"20030177186"|"20030217318"|"20030229715"|"20040133689"|"20040143678"|"20050187957"|"20050208947"|"20050254440"|"20060121986"|"20060165029"|"20080235362"|"20080235511"|"20090006076"|"20090088150"|"20090300673"|"20100223047"|"5818447"|"6161082"|"6912278"|"7123710"|"7917584"|"20020020178087"|"20030220121"|"20050086309"|"20050138119"|"20060148516"|"5790637"|"6473425").PN.					
L699	1345	G06F9/44526.cpc. AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2020/04/10 01:04 PM
L700	37	("20010050923"|"20020143548"|"20020156844"|"20030202480"|"20040034776"|"20040103212"|"20050130650"|"20050132009"|"20050198499"|"20050201485"|"20060168643"|"20060258289"|"20070136459"|"20070165629"|"20070206563"|"20070297430"|"20080273541"|"20090052399"|"20090240821"|"20090327516"|"20110122864"|"20110314134	(USPAT; USOCR)	OR	ON	ON	2020/04/10 01:04 PM

		"|"6128283"|"7079529"|" 7092385"|"7487248"|"7 623476"|"20030177422 "|"20050033985"|"2005 0091407"|"6850769"|"7 304985"|"20020037000 "|"20020064167"|"2003 0110047"|"2003017214 5"|"20030214955"|"200 40139230"|"200401538 58"|"20040268257"|"20 050136911"|"20050138 128"|"20060072506"|"2 0060120375"|"2007008 2671"|"20070130253"|" 20110145687"|"621963 8"|"6754181"|"6999575" |"7185114"|"7590758"|" 7623516"|"7774495"|"2 0030035441"|"2003007 6815"|"20030217171"|" 20040260952"|"200500 50227"|"5442637"|"588 9762"|"6343067"|"7080 158"|"20020031212"|"2 0020062285"|"2003004 6585"|"20040052234"|" 20040139228"|"200402 67527"|"20050187781"| "20060121902"|"20060 171534"|"20060187926 "|"20070253435"|"2008 0032695"|"2008016844 0"|"20090055473"|"201 00049980"|"201001072 05"|"20100312897"|"20 110099612"|"20120263 144"|"6141687"|"68984 13"|"7010109"|"734599 9"|"7457279"|"7542472" |"7570743"|"8065418"|" 20020080719"|"200201 76404"|"20030031210"| "20030115251"|"20070 016921"|"6836765"|"20 020042769"|"20020124 096"|"20030009565"|"2 0030043764"|"2003010 5812"|"20040128554"|" 20050004982"|"200501 20073"|"20050220017"| "20060062180"|"20060 182100"|"20060205436 "|"20070019545"|"2008 0091813"|"2008013063 9"|"20090003322"|"200 90156217"|"200902349 67"|"20090257433"|"20				

		100011108"|"20100011111"|"20100279670"|"20100299150"|"20100299313"|"7346044"|"7353252"|"7574523"|"7656870"|"20020087887"|"20020120757"|"20020184310"|"20030046056"|"20030163697"|"20040034793"|"20050195802"|"20070110043"|"20080320096"|"6987756"|"7184415"|"7272377"|"7412374"|"7477282"|"7512652"|"20020097150"|"20020152325"|"20030088676"|"20030126213"|"20030158722"|"20030163525").PN.					
L701	36	("20030187650"|"20040024879"|"20040068567"|"20040203834"|"20040240399"|"20050071481"|"20050143105"|"20050246193"|"20060002355"|"20060069775"|"20060203750"|"20070025270"|"20070190987"|"20070260359"|"20080123685"|"20080250408"|"20100077023"|"6963555"|"6975718"|"7006508"|"7013155"|"7564843"|"7782866"|"20040100973"|"20040158471"|"20040162871"|"20040228279"|"20040267938"|"20050008024"|"20050286519"|"20080192756"|"6766373"|"7613171"|"20020173303"|"20030078858"|"20030212772"|"20040005877"|"20040249953"|"20050033843"|"20050105524"|"20050270992"|"20070078785"|"20070111794"|"20070239892"|"20080019285"|"20080080392"|"20090136016"|"6298129"|"6360196"|"6826613"|"7117526"|"7302496"|"7664495"|"7778187"|"8009586"|"20020166053"|"20030044020"|"20030072485"|"20030174707"|"20050119005"|"20050249196"|"20090192976"|	(USPAT; USOCR)	OR	ON	ON	2020/04/10 01:04 PM

		"6999932"|"7353255"|"20020150110"|"20040039781"|"20040044517"|"20040062267"|"20040148434"|"20040213184"|"20050015502"|"20050144288"|"20050201357"|"20060195402"|"20060218624"|"20060230166"|"20070116224"|"20070274276"|"20080005328"|"20090182815"|"20100312832"|"20110040836"|"5761309"|"6202084"|"6389016"|"6438376"|"6741691"|"6940826"|"7769881"|"20030137939"|"20040139225"|"20060183476"|"20060246903"|"20080069105"|"6031818"|"6311150"|"6574668"|"6842460"|"20020038282"|"20030061025"|"20030061481"|"20030135569"|"20030177186"|"20030217318"|"20030229715"|"20040133689"|"20040143678"|"20050187957"|"20050208947"|"20050254440"|"20060121986"|"20060165029"|"20080235362"|"20080235511"|"20090006076"|"20090088150"|"20090300673"|"20100223047"|"5818447"|"6161082"|"6912278"|"7123710"|"7917584"|"20020020178087"|"20030220121"|"20050086309"|"20050138119"|"20060148516"|"5790637"|"6473425").PN.				
L702	305	("20010050923"|"20020143548"|"20020156844"|"20030202480"|"20040034776"|"20040103212"|"20050130650"|"20050132009"|"20050198499"|"20050201485"|"20060168643"|"20060258289"|"20070136459"|"20070165629"|"20070206563"|"20070297430"|"20080273541"|"20090052399"|"20090240821"|"20090327516"|"20110122864"|"20110314134	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:04 PM

		"|"6128283"|"7079529"|" 7092385"|"7487248"|"7 623476"|"20030177422 "|"20050033985"|"2005 0091407"|"6850769"|"7 304985"|"20020037000 "|"20020064167"|"2003 0110047"|"2003017214 5"|"20030214955"|"200 40139230"|"200401538 58"|"20040268257"|"20 050136911"|"20050138 128"|"20060072506"|"2 0060120375"|"2007008 2671"|"20070130253"|" 20110145687"|"621963 8"|"6754181"|"6999575" |"7185114"|"7590758"|" 7623516"|"7774495"|"2 0030035441"|"2003007 6815"|"20030217171"|" 20040260952"|"200500 50227"|"5442637"|"588 9762"|"6343067"|"7080 158"|"20020031212"|"2 0020062285"|"2003004 6585"|"20040052234"|" 20040139228"|"200402 67527"|"20050187781"| "20060121902"|"20060 171534"|"20060187926 "|"20070253435"|"2008 0032695"|"2008016844 0"|"20090055473"|"201 00049980"|"201001072 05"|"20100312897"|"20 110099612"|"20120263 144"|"6141687"|"68984 13"|"7010109"|"734599 9"|"7457279"|"7542472" |"7570743"|"8065418"|" 20020080719"|"200201 76404"|"20030031210"| "20030115251"|"20070 016921"|"6836765"|"20 020042769"|"20020124 096"|"20030009565"|"2 0030043764"|"2003010 5812"|"20040128554"|" 20050004982"|"200501 20073"|"20050220017"| "20060062180"|"20060 182100"|"20060205436 "|"20070019545"|"2008 0091813"|"2008013063 9"|"20090003322"|"200 90156217"|"200902349 67"|"20090257433"|"20				

		100011108"|"20100011111"|"20100279670"|"20100299150"|"20100299313"|"7346044"|"7353252"|"7574523"|"7656870"|"20020087887"|"20020120757"|"20020184310"|"20030046056"|"20030163697"|"20040034793"|"20050195802"|"20070110043"|"20080320096"|"6987756"|"7184415"|"7272377"|"7412374"|"7477282"|"7512652"|"20020097150"|"20020152325"|"20030088676"|"20030126213"|"20030158722"|"20030163525").PN.					
L703	36	("20030187650"|"20040024879"|"20040068567"|"20040203834"|"20040240399"|"20050071481"|"20050143105"|"20050246193"|"20060002355"|"20060069775"|"20060203750"|"20070025270"|"20070190987"|"20070260359"|"20080123685"|"20080250408"|"20100077023"|"6963555"|"6975718"|"7006508"|"7013155"|"7564843"|"7782866"|"20040100973"|"20040158471"|"20040162871"|"20040228279"|"20040267938"|"20050008024"|"20050286519"|"20080192756"|"6766373"|"7613171"|"20020173303"|"20030078858"|"20030212772"|"20040005877"|"20040249953"|"20050033843"|"20050105524"|"20050270992"|"20070078785"|"20070111794"|"20070239892"|"20080019285"|"20080080392"|"20090136016"|"6298129"|"6360196"|"6826613"|"7117526"|"7302496"|"7664495"|"7778187"|"8009586"|"20020166053"|"20030044020"|"20030072485"|"20030174707"|"20050119005"|"20050249196"|"20090192976"|	(USPAT; USOCR)	OR	ON	ON	2020/04/10 01:04 PM

		"6999932"|"7353255"|"20020150110"|"20040039781"|"20040044517"|"20040062267"|"20040148434"|"20040213184"|"20050015502"|"20050144288"|"20050201357"|"20060195402"|"20060218624"|"20060230166"|"20070116224"|"20070274276"|"20080005328"|"20090182815"|"20100312832"|"20110040836"|"5761309"|"6202084"|"6389016"|"6438376"|"6741691"|"6940826"|"7769881"|"20030137939"|"20040139225"|"20060183476"|"20060246903"|"20080069105"|"6031818"|"6311150"|"6574668"|"6842460"|"20020038282"|"20030061025"|"20030061481"|"20030135569"|"20030177186"|"20030217318"|"20030229715"|"20040133689"|"20040143678"|"20050187957"|"20050208947"|"20050254440"|"20060121986"|"20060165029"|"20080235362"|"20080235511"|"20090006076"|"20090088150"|"20090300673"|"20100223047"|"5818447"|"6161082"|"6912278"|"7123710"|"7917584"|"20020020178087"|"20030220121"|"20050086309"|"20050138119"|"20060148516"|"5790637"|"6473425").PN.				
L704	569	L699 AND (mobile cell cellular phone iphone) NOT (L691 L692 L693 L694 L695 L697 L700 L701 L702 L703 L698)	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2020/04/10 01:04 PM
L705	569	L704	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:04 PM
L706	569	L705	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:04 PM
L707	569	L706	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:04 PM

L708	569	L707	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:04 PM
L709	569	L708	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:04 PM
L711	13726	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2020/04/10 01:22 PM
L712	0	L711 AND without NEAR5 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved) WITH (superblock super-block super ADJ block function ADJ block function-block functionblock funblock program-block program ADJ block application ADJ block appblock app-block application-block)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:22 PM
L713	0	L712	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:22 PM
L714	0	L713	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:22 PM
L715	0	L714	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:22 PM
L716	0	L715	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:22 PM
L717	347	without WITH (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved) WITH (superblock super-block super ADJ block function ADJ block function-block functionblock funblock	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:23 PM

		program-block program ADJ block application ADJ block appblock app-block application-block)					
L718	347	L717	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:23 PM
L719	347	L718	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:23 PM
L720	347	L719	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:23 PM
L721	347	L720	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:23 PM
L722	211	(instead place missing skipping) WITH (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved) WITH (superblock super-block super ADJ block function ADJ block function-block functionblock funblock program-block program ADJ block application ADJ block appblock app-block application-block) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:27 PM
L723	211	L722	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:27 PM
L724	211	L723	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:27 PM
L725	211	L724	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:27 PM
L726	211	L725	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:27 PM
L727	12	(without) NEAR2 (context NEAR1 (switch switches switching switched swap swaps swapping swapped change changes	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:29 PM

		changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L717 L722)					
L728	12	L727	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:29 PM
L729	12	L728	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:29 PM
L730	12	L729	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:29 PM
L731	12	L730	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:29 PM
L732	41	(without instead place missing skipping) WITH (context NEAR1 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L717 L722)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:30 PM
L733	41	L732	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:30 PM
L734	41	L733	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:30 PM
L735	41	L734	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:30 PM
L736	41	L735	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:30 PM
L737	29	(without instead place missing skipping) WITH (context NEAR1 (switch switches switching switched swap swaps swapping swapped change changes changing changed	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:31 PM

		move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L717 L722 L727)					
L738	29	L737	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:31 PM
L739	29	L738	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:31 PM
L740	29	L739	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:31 PM
L741	29	L740	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:31 PM
L742	5	(without instead place missing skipping) WITH (context NEAR3 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L717 L722 L727 L737)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:32 PM
L743	5	L742	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:32 PM
L744	5	L743	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:32 PM
L745	5	L744	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:32 PM
L746	5	L745	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:32 PM
L747	12	without ADJ switching NEAR3 context WITH superblock	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:33 PM
L748	12	L747	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:33 PM
L749	12	L748	(US-PGPUB; USPAT; EPO; JPO;	OR	ON	ON	2020/04/10 01:33 PM

			DERWENT)				
L750	12	L749	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:33 PM
L751	12	L750	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:33 PM
L752	8	establishing WITH function WITH block WITH superblock	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:34 PM
L753	8	L752	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:34 PM
L754	8	L753	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:34 PM
L755	8	L754	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:34 PM
L756	8	L755	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:34 PM
L757	60	(establish establishes establishing established establishment ascertain ascertains ascertaining ascertained determine determines determining determined determination discover discovers discovering discovered discovery learn learns learning learned (find finds finding) ADJ out found certain confirm confirms confirming confirmed confirmation) WITH (lack lacks lacking lacked without) WITH (superblock super-block super ADJ block (parent child primary secondary top bottom) ADJ block) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:34 PM
L758	60	L757	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:34 PM
L759	60	L758	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:34 PM
L760	57	(establish establishes establishing established establishment ascertain	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:35 PM

		ascertains ascertaining ascertained determine determines determining determined determination discover discovers discovering discovered discovery learn learns learning learned (find finds finding) ADJ out found certain confirm confirms confirming confirmed confirmation) WITH (lack lacks lacking lacked without) WITH ((parent child primary secondary top bottom) ADJ (application program app)) AND @ad<"20130911"					
L761	178	(network net grid web cloud LAN WAN) SAME ((lack lacks lacking lacked without) WITH ((master slave parent child primary secondary top bottom) ADJ (application program app))) AND @ad<"20130911" NOT (L757 L760)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:35 PM
L762	178	L761	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:35 PM
L763	178	L762	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:35 PM
L764	13726	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2020/04/10 01:37 PM
L765	72	L764 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2020/04/10 01:37 PM

		approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"					
L766	72	L765	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:37 PM
L767	72	L766	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:37 PM
L768	72	L767	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:37 PM
L769	72	L768	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:37 PM
L770	72	L769	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:37 PM
L771	13726	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2020/04/10 01:44 PM
L772	72	L771 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2020/04/10 01:44 PM
L773	139	((window screen pane image display) WITH (plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:44 PM

		simultaneously "same time" concurrent concurrently simultaneous)) AND((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L772					
L774	139	L773	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:44 PM
L775	139	L774	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:44 PM
L776	139	L775	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:44 PM
L777	139	L776	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:44 PM
L778	139	L777	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:44 PM
L779	89	block WITH ((absent without exclude excludes excluding excluded exclusion missing) NEAR5 (context state) NEAR2 (switch swtiches switching switched swap swaps swapping swapped)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:48 PM
L780	89	L779	(US-PGPUB; USPAT; EPO; JPO;	OR	ON	ON	2020/04/10 01:48 PM

			DERWENT; IBM_TDB)			
L781	411	(function NEAR5 block) AND ((absent without exclude excludes excluding excluded exclusion missing) NEAR5 (context state) NEAR2 (switch swtiches switching switched swap swaps swapping swapped)) AND @ad<"20130911" NOT L779	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:48 PM
L782	411	L781	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:48 PM
L783	209	(function NEAR2 block) AND ((absent without exclude excludes excluding excluded exclusion missing) NEAR5 (context state) NEAR2 (switch swtiches switching switched swap swaps swapping swapped)) AND @ad<"20130911" NOT L779	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:49 PM
L784	209	L783	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:49 PM
L785	89	block WITH ((absent without exclude excludes excluding excluded exclusion missing) NEAR5 (context state) NEAR2 (switch swtiches switching switched swap swaps swapping swapped)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:50 PM
L786	411	(function NEAR5 block) AND ((absent without exclude excludes excluding excluded exclusion missing) NEAR5 (context state) NEAR2 (switch swtiches switching switched swap swaps swapping swapped)) AND @ad<"20130911" NOT L785	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:50 PM
L787	209	(function NEAR2 block) AND ((absent without	(US-PGPUB; USPAT; EPO; JPO;	OR	ON	ON	2020/04/10 01:50 PM

		exclude excludes excluding excluded exclusion missing) NEAR5 (context state) NEAR2 (switch swtiches switching switched swap swaps swapping swapped)) AND @ad<"20130911" NOT L785	DERWENT; IBM_TDB)				
L788	202	L786 NOT (L785 L787)	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:50 PM
L789	202	L788	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:50 PM
L790	154	(function NEAR5 block) AND ((absent without exclude excludes excluding excluded exclusion missing) NEAR5 (context state) NEAR5 (switch swtiches switching switched swap swaps swapping swapped)) AND @ad<"20130911" NOT (L785 L787 L788)	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:51 PM
L791	154	L790	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:51 PM
L792	13726	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2020/04/10 01:52 PM
L793	72	L792 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2020/04/10 01:52 PM

		@ad<"20130911"					
L794	72	L793	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:52 PM
L795	72	L794	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:52 PM
L796	72	L795	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:52 PM
L797	72	L796	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:52 PM
L798	72	L797	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:52 PM
L799	13726	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2020/04/10 01:53 PM
L800	72	L799 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2020/04/10 01:53 PM
L801	11	L799 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:53 PM

		authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911" NOT L800					
L802	11	L801	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:53 PM
L803	11	L802	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:53 PM
L804	11	L803	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:53 PM
L805	11	L804	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:53 PM
L806	11	L805	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:53 PM
L807	13726	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2020/04/10 01:55 PM
L808	72	L807 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2020/04/10 01:55 PM
L809	44	L807 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:55 PM

		(verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L808					
L810	44	L809	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:55 PM
L811	44	L810	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:55 PM
L812	44	L811	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:55 PM
L813	44	L812	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:55 PM
L814	44	L813	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:55 PM
L815	139	((window screen pane image display) WITH (plug-in plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((plug-in plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:58 PM

		(authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L808					
L816	139	L815	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:58 PM
L817	139	L816	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:58 PM
L818	139	L817	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:58 PM
L819	139	L818	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 01:58 PM
L820	139	L819	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 01:58 PM
L821	72	L711 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2020/04/10 02:00 PM
L822	72	L821	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 02:00 PM
L823	13726	L711	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 02:01 PM

L824	139	((window screen pane image display) WITH (plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L821	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 02:01 PM
L825	139	L824	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 02:01 PM
L826	11	L711 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 02:03 PM

		ok-ed ok-ing)) AND @ad<"20130911" NOT L821					
L827	11	L826	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 02:03 PM
L828	44	L711 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L821	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 02:05 PM
L829	1	((window screen pane image display) WITH (function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 02:05 PM

		approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT (L821 L826 L828 L824)					
L830	1	L829	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 02:05 PM
L831	1	L830	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 02:05 PM
L832	1	L831	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 02:05 PM
L833	1	L832	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 02:05 PM
L834	1	L833	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 02:05 PM
L835	140	((window screen pane image display) WITH (function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 02:09 PM

		okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L821					
L836	3	((window screen pane image display) WITH (((function program application app sub) NEAR2 (block section segment)) plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT (L821 L826 L828 L824 L835)	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 02:09 PM
L837	3	L836	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 02:09 PM
L838	3	L837	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 02:09 PM
L839	3	L838	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 02:09 PM

L840	3	L839	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/04/10 02:09 PM
L841	3	L840	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/10 02:09 PM
L842	13726	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2020/04/11 10:07 AM
L843	72	L842 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2020/04/11 10:07 AM
L844	139	((window screen pane image display) WITH (plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/11 10:07 AM

		approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L843					
L845	11	L842 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911" NOT L843	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/11 10:07 AM
L846	44	L842 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L843	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/11 10:07 AM
L847	140	((window screen pane	(US-PGPUB; USPAT;	OR	ON	ON	2020/04/11

		image display) WITH (function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L843	EPO; JPO; DERWENT; IBM_TDB)				10:07 AM
L848	3	((window screen pane image display) WITH (((function program application app sub) NEAR2 (block section segment)) plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/11 10:07 AM

		verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT (L843 L845 L846 L844 L847)					
L849	1	("20120064976").PN.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2020/04/12 03:21 PM
L850	200	("20010050923"|"20020031212"|"20020037000"|"20020038282"|"20020042769"|"20020062285"|"20020064167"|"20020080719"|"20020087887"|"20020097150"|"20020120757"|"20020124096"|"20020143548"|"20020150110"|"20020152325"|"20020156844"|"20020166053"|"20020173303"|"20020176404"|"20020178087"|"20020184310"|"20030009565"|"20030031210"|"20030035441"|"20030043764"|"20030044020"|"20030046056"|"20030046585"|"20030061025"|"20030061481"|"20030072485"|"20030076815"|"20030078858"|"20030088676"|"20030105812"|"20030110047"|"20030115251"|"20030126213"|"20030135569"|"20030137939"|"20030158722"|"20030163525"|"20030163697"|"20030172145"|"20030174707"|"20030177186"|"20030177422"|"20030187650"|"20030202480"|"20030212772"|"20030214955"|"20030217171"|"2003021	(US-PGPUB; USPAT)	OR	ON	ON	2020/04/12 05:17 PM

		7318"|"20030220121"|" 20030229715"|"200400 05877"|"20040024879"| "20040034776"|"20040 034793"|"20040039781 "|"20040044517"|"2004 0052234"|"2004006226 7"|"20040068567"|"200 40100973"|"200401032 12"|"20040128554"|"20 040133689"|"20040139 225"|"20040139228"|"2 0040139230"|"2004014 3678"|"20040148434"|" 20040153858"|"200401 58471"|"20040162871"| "20040193599"|"20040 203834"|"20040213184 "|"20040228279"|"2004 0240399"|"2004024988 5"|"20040249953"|"200 40260952"|"200402675 27"|"20040267938"|"20 040268257"|"20050004 982"|"20050008024"|"2 0050015502"|"2005003 3843"|"20050033985"|" 20050050227"|"200500 71481"|"20050086309"| "20050091407"|"20050 105524"|"20050119005 "|"20050120073"|"2005 0130650"|"2005013200 9"|"20050136911"|"200 50138119"|"200501381 28"|"20050143105"|"20 050144288"|"20050187 781"|"20050187957"|"2 0050195802"|"2005019 8499"|"20050201357"|" 20050201485"|"200502 08947"|"20050220017"| "20050246193"|"20050 249196"|"20050254440 "|"20050270992"|"2005 0286519"|"2006000235 5"|"20060062180"|"200 60069775"|"200600725 06"|"20060120375"|"20 060121902"|"20060121 986"|"20060148516"|"2 0060165029"|"2006016 8643"|"20060171534"|" 20060182100"|"200601 83476"|"20060187926"| "20060195402"|"20060 203750"|"20060205436 "|"20060218624"|"2006					

		0230166"|"20060233117"|"20060246903"|"20060258289"|"20070016921"|"20070019545"|"20070025270"|"20070078785"|"20070082671"|"20070110043"|"20070111794"|"20070116224"|"20070130253"|"20070136459"|"20070165629"|"20070190987"|"20070206563"|"20070239892"|"20070253435"|"20070260359"|"20070274276"|"20070280253"|"20070294626"|"20070297430"|"20080005328"|"20080019285"|"20080032695"|"20080046984"|"20080069105"|"20080080392"|"20080091813"|"20080123685"|"20080130639"|"20080168440"|"20080192756"|"20080235362"|"20080235511"|"20080244718"|"20080250408"|"20080273541"|"20080320096"|"20080320565"|"20090003322"|"20090006076"|"20090052399"|"20090055473"|"20090088150"|"20090136016"|"20090156217"|"20090182815"|"20090192976"|"20090234967"|"20090240821"|"20090257433"|"20090300673"|"20090327516"|"20100011108"|"20100011111"|"20100049980"|"20100058353"|"20100077023"|"20100107205"|"20100174783").PN.					
L851	101	("20100191954"|"20100223047"|"20100279670"|"20100299150"|"20100299313"|"20100312832"|"20100312897"|"20110040836"|"20110099612"|"20110122864"|"20110141220"|"20110145687"|"20110307556"|"20110314134"|"20110320821"|"20120064976"|"20120078609"|"20120124191"|"20120263144"|"20130067004"|"20130	(US-PGPUB; USPAT)	OR	ON	ON	2020/04/13 08:55 AM

		106989"|"20130111064"|"20130125145"|"20150026700"|"5442637"|"5761309"|"5790637"|"5818447"|"5889762"|"6031818"|"6128283"|"6141687"|"6161082"|"6195694"|"6202084"|"6219638"|"6298129"|"6311150"|"6343067"|"6360196"|"6389016"|"6438376"|"6473425"|"6574668"|"6606112"|"6741691"|"6754181"|"6766373"|"6826613"|"6836765"|"6842460"|"6850769"|"6898413"|"6912278"|"6940826"|"6963555"|"6975718"|"6987756"|"6999575"|"6999932"|"7006508"|"7010109"|"7013155"|"7079529"|"7080158"|"7092385"|"7117526"|"7123710"|"7184415"|"7185114"|"7272377"|"7302496"|"7304985"|"7345999"|"7346044"|"7353252"|"7353255"|"7412374"|"7457279"|"7477282"|"7487248"|"7512652"|"7542472"|"7564843"|"7570743"|"7574523"|"7590758"|"7613171"|"7623476"|"7623516"|"7656870"|"7664495"|"7769881"|"7774495"|"7778187"|"7782866"|"7917584"|"8009586"|"8065418"|"8200796"|"8407576").PN.					
L852	13742	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2020/07/27 06:15 PM
L853	72	L852 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2020/07/27 06:15 PM

		authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"					
L854	11	L852 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911" NOT L853	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:15 PM
L855	44	L852 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L853	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:15 PM
L856	139	((window screen pane image display) WITH (plug-in plugin plug ADJ	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:15 PM

		in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L853					
L857	1	((window screen pane image display) WITH (function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:15 PM

		authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT (L853 L854 L855 L856)					
L858	140	((window screen pane image display) WITH (function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L853	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:15 PM
L859	3	((window screen pane image display) WITH (((function program application app sub) NEAR2 (block section segment)) plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:15 PM

		ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT (L853 L854 L855 L856 L858)					
L860	277	("20030187650"|"20040024879"|"20040068567"|"20040203834"|"20040240399"|"20050071481"|"20050143105"|"20050246193"|"20060002355"|"20060069775"|"20060203750"|"20070025270"|"20070190987"|"20070260359"|"20080123685"|"20080250408"|"20100077023"|"6963555"|"6975718"|"7006508"|"7013155"|"7564843"|"7782866"|"20040100973"|"20040158471"|"20040162871"|"20040228279"|"20040267938"|"20050008024"|"20050286519"|"20080192756"|"6766373"|"7613171"|"20020173303"|"20030078858"|"20030212772"|"20040005877"|"20040249953"|"20050033843"|"20050105524"|"200502	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:15 PM

		70992"|"20070078785"|"20070111794"|"20070239892"|"20080019285"|"20080080392"|"20090136016"|"6298129"|"6360196"|"6826613"|"7117526"|"7302496"|"7664495"|"7778187"|"8009586"|"20020166053"|"20030044020"|"20030072485"|"20030174707"|"20050119005"|"20050249196"|"20090192976"|"6999932"|"7353255"|"20020150110"|"20040039781"|"20040044517"|"20040062267"|"20040148434"|"20040213184"|"20050015502"|"20050144288"|"20050201357"|"20060195402"|"20060218624"|"20060230166"|"20070116224"|"20070274276"|"20080005328"|"20090182815"|"20100312832"|"20110040836"|"5761309"|"6202084"|"6389016"|"6438376"|"6741691"|"6940826"|"7769881"|"20030137939"|"20040139225"|"20060183476"|"20060246903"|"20080069105"|"6031818"|"6311150"|"6574668"|"6842460"|"20020038282"|"20030061025"|"20030061481"|"20030135569"|"20030177186"|"20030217318"|"20030229715"|"20040133689"|"20040143678"|"20050187957"|"20050208947"|"20050254440"|"20060121986"|"20060165029"|"20080235362"|"20080235511"|"20090006076"|"20090088150"|"20090300673"|"20100223047"|"5818447"|"6161082"|"6912278"|"7123710"|"7917584"|"20020020178087"|"20030220121"|"20050086309"|"20050138119"|"20060148516"|"5790637"|"6473425").PN.					
L861	1347	G06F9/44526.cpc. AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO;	OR	OFF	OFF	2020/07/27 06:15 PM

L862	37	("20010050923"|"20020143548"|"20020156844"|"20030202480"|"20040034776"|"20040103212"|"20050130650"|"20050132009"|"20050198499"|"20050201485"|"20060168643"|"20060258289"|"20070136459"|"20070165629"|"20070206563"|"20070297430"|"20080273541"|"20090052399"|"20090240821"|"20090327516"|"20110122864"|"20110314134"|"6128283"|"7079529"|"7092385"|"7487248"|"7623476"|"20030177422"|"20050033985"|"20050091407"|"6850769"|"7304985"|"20020037000"|"20020064167"|"20030110047"|"20030172145"|"20030214955"|"20040139230"|"20040153858"|"20040268257"|"20050136911"|"20050138128"|"20060072506"|"20060120375"|"20070082671"|"20070130253"|"20110145687"|"6219638"|"6754181"|"6999575"|"7185114"|"7590758"|"7623516"|"7774495"|"20030035441"|"20030076815"|"20030217171"|"20040260952"|"20050050227"|"5442637"|"5889762"|"6343067"|"7080158"|"20020031212"|"20020062285"|"20030046585"|"20040052234"|"20040139228"|"20040267527"|"20050187781"|"20060121902"|"20060171534"|"20060187926"|"20070253435"|"20080032695"|"20080168440"|"20090055473"|"20100049980"|"20100107205"|"20100312897"|"20110099612"|"20120263144"|"6141687"|"6898413"|"7010109"|"7345999"|"7457279"|"7542472"|"7570743"|"8065418"|"20020080719"|"200201	DERWENT; IBM_TDB) (USPAT; USOCR)	OR	ON	ON	2020/07/27 06:15 PM

		76404"|"20030031210"|"20030115251"|"20070016921"|"6836765"|"20020042769"|"20020124096"|"20030009565"|"20030043764"|"20030105812"|"20040128554"|"20050004982"|"20050120073"|"20050220017"|"20060062180"|"20060182100"|"20060205436"|"20070019545"|"20080091813"|"20080130639"|"20090003322"|"20090156217"|"20090234967"|"20090257433"|"20100011108"|"20100011111"|"20100279670"|"20100299150"|"20100299313"|"7346044"|"7353252"|"7574523"|"7656870"|"20020087887"|"20020120757"|"20020184310"|"20030046056"|"20030163697"|"20040034793"|"20050195802"|"20070110043"|"20080320096"|"6987756"|"7184415"|"7272377"|"7412374"|"7477282"|"7512652"|"20020097150"|"20020152325"|"20030088676"|"20030126213"|"20030158722"|"20030163525").PN.					
L863	36	("20030187650"|"20040024879"|"20040068567"|"20040203834"|"20040240399"|"20050071481"|"20050143105"|"20050246193"|"20060002355"|"20060069775"|"20060203750"|"20070025270"|"20070190987"|"20070260359"|"20080123685"|"20080250408"|"20100077023"|"6963555"|"6975718"|"7006508"|"7013155"|"7564843"|"7782866"|"20040100973"|"20040158471"|"20040162871"|"20040228279"|"20040267938"|"20050008024"|"20050286519"|"20080192756"|"6766373"|"7613171"|"20020173303"|"20030078858"|"20030212772"|"2	(USPAT; USOCR)	OR	ON	ON	2020/07/27 06:15 PM

		0040005877"|"2004024 9953"|"20050033843"|" 20050105524"|"200502 70992"|"20070078785"| "20070111794"|"20070 239892"|"20080019285 "|"20080080392"|"2009 0136016"|"6298129"|"6 360196"|"6826613"|"71 17526"|"7302496"|"766 4495"|"7778187"|"8009 586"|"20020166053"|"2 0030044020"|"2003007 2485"|"20030174707"|" 20050119005"|"200502 49196"|"20090192976"| "6999932"|"7353255"|"2 0020150110"|"2004003 9781"|"20040044517"|" 20040062267"|"200401 48434"|"20040213184"| "20050015502"|"20050 144288"|"20050201357 "|"20060195402"|"2006 0218624"|"2006023016 6"|"20070116224"|"200 70274276"|"200800053 28"|"20090182815"|"20 100312832"|"20110040 836"|"5761309"|"62020 84"|"6389016"|"643837 6"|"6741691"|"6940826" |"7769881"|"200301379 39"|"20040139225"|"20 060183476"|"20060246 903"|"20080069105"|"6 031818"|"6311150"|"65 74668"|"6842460"|"200 20038282"|"200300610 25"|"20030061481"|"20 030135569"|"20030177 186"|"20030217318"|"2 0030229715"|"2004013 3689"|"20040143678"|" 20050187957"|"200502 08947"|"20050254440"| "20060121986"|"20060 165029"|"20080235362 "|"20080235511"|"2009 0006076"|"2009008815 0"|"20090300673"|"201 00223047"|"5818447"|" 6161082"|"6912278"|"7 123710"|"7917584"|"20 020178087"|"20030220 121"|"20050086309"|"2 0050138119"|"2006014 8516"|"5790637"|"6473					

		425").PN.					
L864	305	("20010050923"|"20020143548"|"20020156844"|"20030202480"|"20040034776"|"20040103212"|"20050130650"|"20050132009"|"20050198499"|"20050201485"|"20060168643"|"20060258289"|"20070136459"|"20070165629"|"20070206563"|"20070297430"|"20080273541"|"20090052399"|"20090240821"|"20090327516"|"20110122864"|"20110314134"|"6128283"|"7079529"|"7092385"|"7487248"|"7623476"|"20030177422"|"20050033985"|"20050091407"|"6850769"|"7304985"|"20020037000"|"20020064167"|"20030110047"|"20030172145"|"20030214955"|"20040139230"|"20040153858"|"20040268257"|"20050136911"|"20050138128"|"20060072506"|"20060120375"|"20070082671"|"20070130253"|"20110145687"|"6219638"|"6754181"|"6999575"|"7185114"|"7590758"|"7623516"|"7774495"|"20030035441"|"20030076815"|"20030217171"|"20040260952"|"20050050227"|"5442637"|"5889762"|"6343067"|"7080158"|"20020031212"|"20020062285"|"20030046585"|"20040052234"|"20040139228"|"20040267527"|"20050187781"|"20060121902"|"20060171534"|"20060187926"|"20070253435"|"20080032695"|"20080168440"|"20090055473"|"20100049980"|"20100107205"|"20100312897"|"20110099612"|"20120263144"|"6141687"|"6898413"|"7010109"|"7345999"|"7457279"|"7542472"|"7570743"|"8065418"|"20020080719"|"200201	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:15 PM

		76404"|"20030031210"|"20030115251"|"20070016921"|"6836765"|"20020042769"|"20020124096"|"20030009565"|"20030043764"|"20030105812"|"20040128554"|"20050004982"|"20050120073"|"20050220017"|"20060062180"|"20060182100"|"20060205436"|"20070019545"|"20080091813"|"20080130639"|"20090003322"|"20090156217"|"20090234967"|"20090257433"|"20100011108"|"20100011111"|"20100279670"|"20100299150"|"20100299313"|"7346044"|"7353252"|"7574523"|"7656870"|"20020087887"|"20020120757"|"20020184310"|"20030046056"|"20030163697"|"20040034793"|"20050195802"|"20070110043"|"20080320096"|"6987756"|"7184415"|"7272377"|"7412374"|"7477282"|"7512652"|"20020097150"|"20020152325"|"20030088676"|"20030126213"|"20030158722"|"20030163525").PN.				
L865	36	("20030187650"|"20040024879"|"20040068567"|"20040203834"|"20040240399"|"20050071481"|"20050143105"|"20050246193"|"20060002355"|"20060069775"|"20060203750"|"20070025270"|"20070190987"|"20070260359"|"20080123685"|"20080250408"|"20100077023"|"6963555"|"6975718"|"7006508"|"7013155"|"7564843"|"7782866"|"20040100973"|"20040158471"|"20040162871"|"20040228279"|"20040267938"|"20050008024"|"20050286519"|"20080192756"|"6766373"|"7613171"|"20020173303"|"20030078858"|"20030212772"|"2	(USPAT; USOCR)	OR	ON	ON	2020/07/27 06:15 PM

		0040005877"|"2004024 9953"|"20050033843"|" 20050105524"|"200502 70992"|"20070078785"| "20070111794"|"20070 239892"|"20080019285 "|"20080080392"|"2009 0136016"|"6298129"|"6 360196"|"6826613"|"71 17526"|"7302496"|"766 4495"|"7778187"|"8009 586"|"20020166053"|"2 0030044020"|"2003007 2485"|"20030174707"|" 20050119005"|"200502 49196"|"20090192976"| "6999932"|"7353255"|"2 0020150110"|"2004003 9781"|"20040044517"|" 20040062267"|"200401 48434"|"20040213184"| "20050015502"|"20050 144288"|"20050201357 "|"20060195402"|"2006 0218624"|"2006023016 6"|"20070116224"|"200 70274276"|"200800053 28"|"20090182815"|"20 100312832"|"20110040 836"|"5761309"|"62020 84"|"6389016"|"643837 6"|"6741691"|"6940826" |"7769881"|"200301379 39"|"20040139225"|"20 060183476"|"20060246 903"|"20080069105"|"6 031818"|"6311150"|"65 74668"|"6842460"|"200 20038282"|"200300610 25"|"20030061481"|"20 030135569"|"20030177 186"|"20030217318"|"2 0030229715"|"2004013 3689"|"20040143678"|" 20050187957"|"200502 08947"|"20050254440"| "20060121986"|"20060 165029"|"20080235362 "|"20080235511"|"2009 0006076"|"2009008815 0"|"20090300673"|"201 00223047"|"5818447"|" 6161082"|"6912278"|"7 123710"|"7917584"|"20 020178087"|"20030220 121"|"20050086309"|"2 0050138119"|"2006014 8516"|"5790637"|"6473					

		425").PN.					
L866	571	L861 AND (mobile cell cellular phone iphone) NOT (L853 L854 L855 L856 L857 L859 L862 L863 L864 L865 L860)	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2020/07/27 06:15 PM
L867	571	L866	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:15 PM
L868	571	L867	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:15 PM
L869	571	L868	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:15 PM
L870	571	L869	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:15 PM
L871	571	L870	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:15 PM
L872	13742	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2020/07/27 06:26 PM
L873	0	L872 AND without NEAR5 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved) WITH (superblock super-block super ADJ block function ADJ block function-block functionblock funblock program-block program ADJ block application ADJ block appblock app-block application-block)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:26 PM
L874	0	L873	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:26 PM
L875	0	L874	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:26 PM
L876	0	L875	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:26 PM

L877	0	L876	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:26 PM
L878	353	without WITH (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved) WITH (superblock super-block super ADJ block function ADJ block function-block functionblock funblock program-block program ADJ block application ADJ block appblock app-block application-block)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:28 PM
L879	353	L878	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:28 PM
L880	353	L879	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:28 PM
L881	353	L880	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:28 PM
L882	353	L881	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:28 PM
L883	211	(instead place missing skipping) WITH (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved) WITH (superblock super-block super ADJ block function ADJ block function-block functionblock funblock program-block program ADJ block application ADJ block appblock app-block application-block) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:29 PM
L884	211	L883	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:29 PM

L885	211	L884	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:29 PM
L886	211	L885	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:29 PM
L887	211	L886	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:29 PM
L888	12	(without) NEAR2 (context NEAR1 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L878 L883)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:36 PM
L889	12	L888	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:36 PM
L890	12	L889	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:36 PM
L891	12	L890	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:36 PM
L892	12	L891	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:36 PM
L893	41	(without instead place missing skipping) WITH (context NEAR1 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L878 L883)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:37 PM
L894	41	L893	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:37 PM
L895	41	L894	(US-PGPUB; USPAT; EPO; JPO;	OR	ON	ON	2020/07/27 06:37 PM

			DERWENT)				
L896	41	L895	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:37 PM
L897	41	L896	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:37 PM
L898	29	(without instead place missing skipping) WITH (context NEAR1 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L878 L883 L888)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:38 PM
L899	5	(without instead place missing skipping) WITH (context NEAR3 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L878 L883 L888 L898)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:38 PM
L900	5	L899	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:38 PM
L901	5	L900	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:38 PM
L902	5	L901	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:38 PM
L903	5	L902	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:38 PM
L904	12	without ADJ switching NEAR3 context WITH superblock	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:39 PM
L905	12	L904	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:39 PM

L906	12	L905	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:39 PM
L907	12	L906	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:39 PM
L908	12	L907	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:39 PM
L909	8	establishing WITH function WITH block WITH superblock	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:42 PM
L910	8	L909	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:42 PM
L911	8	L910	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:42 PM
L912	8	L911	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:42 PM
L913	8	L912	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:42 PM
L914	60	(establish establishes establishing established establishment ascertain ascertains ascertaining ascertained determine determines determining determined determination discover discovers discovering discovered discovery learn learns learning learned (find finds finding) ADJ out found certain confirm confirms confirming confirmed confirmation) WITH (lack lacks lacking lacked without) WITH (superblock super-block super ADJ block (parent child primary secondary top bottom) ADJ block) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:42 PM
L915	60	L914	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:42 PM
L916	60	L915	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:42 PM
L917	57	(establish establishes	(US-PGPUB; USPAT;	OR	ON	ON	2020/07/27

		establishing established establishment ascertain ascertains ascertaining ascertained determine determines determining determined determination discover discovers discovering discovered discovery learn learns learning learned (find finds finding) ADJ out found certain confirm confirms confirming confirmed confirmation) WITH (lack lacks lacking lacked without) WITH ((parent child primary secondary top bottom) ADJ (application program app)) AND @ad<"20130911"	EPO; JPO; DERWENT)				06:44 PM
L918	179	(network net grid web cloud LAN WAN) SAME ((lack lacks lacking lacked without) WITH ((master slave parent child primary secondary top bottom) ADJ (application program app))) AND @ad<"20130911" NOT (L914 L917)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:44 PM
L919	179	L918	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:44 PM
L920	179	L919	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:44 PM
L921	13742	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2020/07/27 06:45 PM
L922	72	L921 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2020/07/27 06:45 PM

		authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"					
L923	72	L922	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:45 PM
L924	72	L923	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:45 PM
L925	72	L924	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:45 PM
L926	72	L925	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:45 PM
L927	72	L926	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:45 PM
L928	13742	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2020/07/27 06:47 PM
L929	72	L928 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2020/07/27 06:47 PM
L930	139	((window screen pane image display) WITH (plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:47 PM

		add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L929					
L931	139	L930	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:47 PM
L932	139	L931	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:47 PM
L933	139	L932	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:47 PM
L934	139	L933	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:47 PM
L935	139	L934	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:47 PM
L936	89	block WITH ((absent without exclude excludes excluding excluded exclusion missing) NEAR5 (context state) NEAR2 (switch swtiches switching switched swap swaps swapping swapped)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:49 PM

L937	209	(function NEAR2 block) AND ((absent without exclude excludes excluding excluded exclusion missing) NEAR5 (context state) NEAR2 (switch swtiches switching switched swap swaps swapping swapped)) AND @ad<"20130911" NOT L936	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:49 PM
L938	209	L937	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:49 PM
L939	89	block WITH ((absent without exclude excludes excluding excluded exclusion missing) NEAR5 (context state) NEAR2 (switch swtiches switching switched swap swaps swapping swapped)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:52 PM
L940	411	(function NEAR5 block) AND ((absent without exclude excludes excluding excluded exclusion missing) NEAR5 (context state) NEAR2 (switch swtiches switching switched swap swaps swapping swapped)) AND @ad<"20130911" NOT L939	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:53 PM
L941	209	(function NEAR2 block) AND ((absent without exclude excludes excluding excluded exclusion missing) NEAR5 (context state) NEAR2 (switch swtiches switching switched swap swaps swapping swapped)) AND @ad<"20130911" NOT L939	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:53 PM
L942	202	L940 NOT (L939 L941)	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:53 PM
L943	202	L942	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:53 PM

L944	154	(function NEAR5 block) AND ((absent without exclude excludes excluding excluded exclusion missing) NEAR5 (context state) NEAR5 (switch swtiches switching switched swap swaps swapping swapped)) AND @ad<"20130911" NOT (L939 L941 L942)	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:56 PM
L945	154	L944	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:56 PM
L946	13742	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2020/07/27 06:57 PM
L947	72	L946 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2020/07/27 06:57 PM
L948	72	L947	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:57 PM
L949	72	L948	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:57 PM
L950	72	L949	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:57 PM
L951	72	L950	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:57 PM
L952	72	L951	(US-PGPUB; USPAT; EPO; JPO;	OR	ON	ON	2020/07/27 06:57 PM

			DERWENT; IBM_TDB)				
L953	13742	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2020/07/27 06:58 PM
L954	72	L953 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2020/07/27 06:58 PM
L955	11	L953 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911" NOT L954	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:58 PM
L956	11	L955	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:58 PM
L957	11	L956	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:58 PM
L958	11	L957	(US-PGPUB; USPAT;	OR	ON	ON	2020/07/27

			EPO; JPO; DERWENT)				06:58 PM
L959	11	L958	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 06:58 PM
L960	11	L959	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 06:58 PM
L961	13742	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2020/07/27 07:01 PM
L962	72	L961 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2020/07/27 07:01 PM
L963	44	L961 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 07:01 PM

		@ad<"20130911" NOT L962					
L964	44	L963	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 07:01 PM
L965	44	L964	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 07:01 PM
L966	44	L965	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 07:01 PM
L967	44	L966	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 07:01 PM
L968	44	L967	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 07:01 PM
L969	139	((window screen pane image display) WITH (plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L962	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 07:03 PM
L970	139	L969	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 07:03 PM

L971	139	L970	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 07:03 PM
L972	139	L971	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 07:03 PM
L973	139	L972	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 07:03 PM
L974	139	L973	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 07:03 PM
L975	72	L872 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2020/07/27 07:05 PM
L976	72	L975	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 07:05 PM
L977	11	L872 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 07:07 PM

		@ad<"20130911" NOT L975					
L978	11	L977	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 07:07 PM
L979	139	((window screen pane image display) WITH (plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L975	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 07:08 PM
L980	44	L872 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 07:08 PM

		allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L975					
L981	1	((window screen pane image display) WITH (function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT (L975 L977 L980 L979)	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 07:08 PM
L982	1	L981	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 07:08 PM
L983	1	L982	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 07:08 PM
L984	1	L983	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 07:08 PM
L985	1	L984	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 07:08 PM

L986	1	L985	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 07:08 PM
L987	140	((window screen pane image display) WITH (function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L975	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 07:13 PM
L988	3	((window screen pane image display) WITH (((function program application app sub) NEAR2 (block section segment)) plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 07:13 PM

		in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT (L975 L977 L980 L979 L987)					
L989	3	L988	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 07:13 PM
L990	3	L989	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 07:13 PM
L991	3	L990	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 07:13 PM
L992	3	L991	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2020/07/27 07:13 PM
L993	3	L992	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 07:13 PM
L994	13742	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2020/07/27 07:18 PM
L995	72	L994 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2020/07/27 07:18 PM

		authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"					
L996	139	((window screen pane image display) WITH (plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L995	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 07:18 PM
L997	11	L994 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 07:18 PM

		authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911" NOT L995					
L998	44	L994 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L995	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 07:18 PM
L999	140	((window screen pane image display) WITH (function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 07:18 PM

		(authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L995					
L1000	3	((window screen pane image display) WITH (((function program application app sub) NEAR2 (block section segment)) plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT (L995 L997 L998 L996 L999)	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/27 07:18 PM
L1001	13743	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc.	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2020/07/28 10:21 AM

		G06F9/44526.cpc.) AND @ad<"20130911"					
L1002	1359	L1001 AND (function routine method) WITH (app applicaition program programme) WITH (RAM DRAM SRAM memory)	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/28 10:21 AM
L1003	2	L1001 AND (function routine method) WITH (app applicaition program programme) WITH (RAM DRAM SRAM memory) WITH (occupy occupies occupying occupied (take takes taking took) ADJ up co-occupy co-occupy co-occupies co-occupying co-occupied co-habit co-habits co-habiting co-habited cohabitate cohabitates cohabitating cohabitates cohabitation)	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/28 10:36 AM
L1004	379	(function routine method) WITH (app applicaition program programme) WITH (RAM DRAM SRAM memory) WITH (occupy occupies occupying occupied (take takes taking took) ADJ up co-occupy co-occupy co-occupies co-occupying co-occupied co-habit co-habits co-habiting co-habited cohabitate cohabitates cohabitating cohabitates cohabitation) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/28 10:37 AM
L1005	72	(function routine method) WITH (app applicaition program programme) WITH (RAM DRAM SRAM memory address) WITH (occupy occupies occupying occupied (take takes taking took) ADJ up co-occupy co-occupy co-occupies co-occupying co-occupied	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/07/28 11:14 AM

		co-habit co-habits co-habiting co-habited cohabitate cohabitates cohabitating cohabitates cohabitation) AND @ad<"20130911" NOT L1004					
L1006	37	("20010050923"|"20020143548"|"20020156844"|"20030202480"|"20040034776"|"20040103212"|"20050130650"|"20050132009"|"20050198499"|"20050201485"|"20060168643"|"20060258289"|"20070136459"|"20070165629"|"20070206563"|"20070297430"|"20080273541"|"20090052399"|"20090240821"|"20090327516"|"20110122864"|"20110314134"|"6128283"|"7079529"|"7092385"|"7487248"|"7623476"|"20030177422"|"20050033985"|"20050091407"|"6850769"|"7304985"|"20020037000"|"20020064167"|"20030110047"|"20030172145"|"20030214955"|"20040139230"|"20040153858"|"20040268257"|"20050136911"|"20050138128"|"20060072506"|"20060120375"|"20070082671"|"20070130253"|"20110145687"|"6219638"|"6754181"|"6999575"|"7185114"|"7590758"|"7623516"|"7774495"|"20030035441"|"20030076815"|"20030217171"|"20040260952"|"20050050227"|"5442637"|"5889762"|"6343067"|"7080158"|"20020031212"|"20020062285"|"20030046585"|"20040052234"|"20040139228"|"20040267527"|"20050187781"|"20060121902"|"20060171534"|"20060187926"|"20070253435"|"20080032695"|"20080168440"|"20090055473"|"20100049980"|"201001072	(USPAT; USOCR)	OR	ON	ON	2022/09/27 08:24 AM

		05"|"20100312897"|"20110099612"|"20120263144"|"6141687"|"6898413"|"7010109"|"7345999"|"7457279"|"7542472"|"7570743"|"8065418"|"20020080719"|"20020176404"|"20030031210"|"20030115251"|"20070016921"|"6836765"|"20020042769"|"20020124096"|"20030009565"|"20030043764"|"20030105812"|"20040128554"|"20050004982"|"20050120073"|"20050220017"|"20060062180"|"20060182100"|"20060205436"|"20070019545"|"20080091813"|"20080130639"|"20090003322"|"20090156217"|"20090234967"|"20090257433"|"20100011108"|"20100011111"|"20100279670"|"20100299150"|"20100299313"|"7346044"|"7353252"|"7574523"|"7656870"|"20020087887"|"20020120757"|"20020184310"|"20030046056"|"20030163697"|"20040034793"|"20050195802"|"20070110043"|"20080320096"|"6987756"|"7184415"|"7272377"|"7412374"|"7477282"|"7512652"|"20020097150"|"20020152325"|"20030088676"|"20030126213"|"20030158722"|"20030163525").PN.					
L1007	36	("20030187650"|"20040024879"|"20040068567"|"20040203834"|"20040240399"|"20050071481"|"20050143105"|"20050246193"|"20060002355"|"20060069775"|"20060203750"|"20070025270"|"20070190987"|"20070260359"|"20080123685"|"20080250408"|"20100077023"|"6963555"|"6975718"|"7006508"|"7013155"|"7564843"|"7782866"|"20040100973"|"20040158471"|"200	(USPAT; USOCR)	OR	ON	ON	2022/09/27 08:24 AM

		40162871"|"200402282 79"|"20040267938"|"20 050008024"|"20050286 519"|"20080192756"|"6 766373"|"7613171"|"20 020173303"|"20030078 858"|"20030212772"|"2 0040005877"|"2004024 9953"|"20050033843"|" 20050105524"|"200502 70992"|"20070078785"| "20070111794"|"20070 239892"|"20080019285 "|"20080080392"|"2009 0136016"|"6298129"|"6 360196"|"6826613"|"71 17526"|"7302496"|"766 4495"|"7778187"|"8009 586"|"20020166053"|"2 0030044020"|"2003007 2485"|"20030174707"|" 20050119005"|"200502 49196"|"20090192976"| "6999932"|"7353255"|"2 0020150110"|"2004003 9781"|"20040044517"|" 20040062267"|"200401 48434"|"20040213184"| "20050015502"|"20050 144288"|"20050201357 "|"20060195402"|"2006 0218624"|"2006023016 6"|"20070116224"|"200 70274276"|"200800053 28"|"20090182815"|"20 100312832"|"20110040 836"|"5761309"|"62020 84"|"6389016"|"643837 6"|"6741691"|"6940826" |"7769881"|"200301379 39"|"20040139225"|"20 060183476"|"20060246 903"|"20080069105"|"6 031818"|"6311150"|"65 74668"|"6842460"|"200 20038282"|"200300610 25"|"20030061481"|"20 030135569"|"20030177 186"|"20030217318"|"2 0030229715"|"2004013 3689"|"20040143678"|" 20050187957"|"200502 08947"|"20050254440"| "20060121986"|"20060 165029"|"20080235362 "|"20080235511"|"2009 0006076"|"2009008815 0"|"20090300673"|"201					

		00223047"|"5818447"|"6161082"|"6912278"|"7123710"|"7917584"|"20020178087"|"20030220121"|"20050086309"|"20050138119"|"20060148516"|"5790637"|"6473425").PN.					
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L1010	290	("20030187650"|"20040024879"|"20040068567"|"20040203834"|"20040240399"|"20050071481"|"20050143105"|"20050246193"|"20060002355"|"20060069775"|"20060203750"|"20070025270"|"20070190987"|"20070260359"|"20080123685"|"20080250408"|"20100077023"|"6963555"|"6975718"|"7006508"|"7013155"|"7564843"|"7782866"|"20040100973"|"20040158471"|"20040162871"|"20040228279"|"20040267938"|"20050008024"|"20050286519"|"20080192756"|"6766373"|"7613171"|"20020173303"|"20030078858"|"20030212772"|"20040005877"|"20040249953"|"20050033843"|"20050105524"|"20050270992"|"20070078785"|"20070111794"|"20070239892"|"20080019285"|"20080080392"|"20090136016"|"6298129"|"6360196"|"6826613"|"7117526"|"7302496"|"7664495"|"7778187"|"8009586"|"20020166053"|"20030044020"|"20030072485"|"20030174707"|"20050119005"|"20050249196"|"20090192976"|"6999932"|"7353255"|"20020150110"|"20040039781"|"20040044517"|"20040062267"|"20040148434"|"20040213184"|"20050015502"|"20050144288"|"20050201357"|"20060195402"|"20060218624"|"20060230166"|"20070116224"|"20070274276"|"200800053	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/09/27 08:24 AM

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L1011	173	CHATURVEDI-SIVAKUMAR-$.in. CHATURVEDI-SIVAKUMAR.in. GUNDABATHULA-SATISH.in. GUNDABATHULA-SATISH-$.in. HIREMATH-RASHMI.in. HIREMATH-RASHMI-$.in.	(US-PGPUB; USPAT; EPO; JPO)	OR	OFF	OFF	2022/09/27 08:24 AM
L1012	14785	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/09/27 08:24 AM
L1013	16186	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/09/27 08:24 AM
L1014	1469	plug-in AND (G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc.	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/09/27 08:24 AM

		G06F9/44526.cpc.) AND @ad<"20130911"					
L1015	81	L8 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/09/27 08:24 AM
L1016	16186	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/09/27 08:24 AM
L1017	81	L11 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/09/27 08:24 AM
L1018	11	L11 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/09/27 08:24 AM

		check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911" NOT L12					
L1019	49	L11 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L12	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/09/27 08:24 AM
L1020	16186	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/09/27 08:24 AM
L1021	81	L15 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/09/27 08:24 AM

		authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"					
L1022	6279	((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L16	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/09/27 08:24 AM
L1023	1441	((window screen pane image display) WITH (plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension)) AND((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/09/27 08:24 AM

		ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L16					
L1024	11	L15 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911" NOT L16	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/09/27 08:24 AM
L1025	49	L15 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L16	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/09/27 08:24 AM
L1026	157	((window screen pane image display) WITH (plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension)	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/09/27 08:24 AM

		WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L16					
L1027	160	((window screen pane image display) WITH (function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/09/27 08:24 AM

		allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L16					
L1028	3	((window screen pane image display) WITH (function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT (L16 L19 L20 L22)	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/09/27 08:24 AM
L1029	3	((window screen pane image display) WITH (((function program application app sub) NEAR2 (block section segment)) plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/09/27 08:24 AM

		time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT (L16 L19 L20 L22 L23)						
L1030	1577	G06F9/44526.cpc. AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/09/27 08:24 AM
L1031	37	("20010050923"|"20020143548"|"20020156844"|"20030202480"|"20040034776"|"20040103212"|"20050130650"|"20050132009"|"20050198499"|"20050201485"|"20060168643"|"20060258289"|"20070136459"|"20070165629"|"20070206563"|"20070297430"|"20080273541"|"20090052399"|"20090240821"|"20090327516"|"20110122864"|"20110314134"|"6128283"|"7079529"|"7092385"|"7487248"|"7623476"|"20030177422"|"20050033985"|"20050091407"|"6850769"|"7304985"|"20020037000"|"20020064167"|"20030110047"|"20030172145"|"20030214955"|"20040139230"|"20040153858"|"20040268257"|"20	(USPAT; USOCR)	OR	ON	ON	2022/09/27 08:24 AM

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L1032	36	("20030187650"|"20040 024879"|"20040068567 "|"20040203834"|"2004 0240399"|"2005007148 1"|"20050143105"|"200 50246193"|"200600023 55"|"20060069775"|"20 060203750"|"20070025 270"|"20070190987"|"2 0070260359"|"2008012 3685"|"20080250408"|" 20100077023"|"696355 5"|"6975718"|"7006508" |"7013155"|"7564843"|" 7782866"|"2004010097 3"|"20040158471"|"200 40162871"|"200402282 79"|"20040267938"|"20 050008024"|"20050286 519"|"20080192756"|"6 766373"|"7613171"|"20 020173303"|"20030078 858"|"20030212772"|"2 0040005877"|"2004024 9953"|"20050033843"|" 20050105524"|"200502 70992"|"20070078785"| "20070111794"|"20070 239892"|"20080019285 "|"20080080392"|"2009 0136016"|"6298129"|"6 360196"|"6826613"|"71 17526"|"7302496"|"766 4495"|"7778187"|"8009 586"|"20020166053"|"2 0030044020"|"2003007 2485"|"20030174707"|" 20050119005"|"200502 49196"|"20090192976"| "6999932"|"7353255"|"2 0020150110"|"2004003 9781"|"20040044517"|" 20040062267"|"200401 48434"|"20040213184"| "20050015502"|"20050 144288"|"20050201357 "|"20060195402"|"2006 0218624"|"2006023016 6"|"20070116224"|"200 70274276"|"200800053	(USPAT; USOCR)	OR	ON	ON	2022/09/27 08:24 AM

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		050136911"|"20050138 128"|"20060072506"|"2 0060120375"|"2007008 2671"|"20070130253"|" 20110145687"|"621963 8"|"6754181"|"6999575" |"7185114"|"7590758"|" 7623516"|"7774495"|"2 0030035441"|"2003007 6815"|"20030217171"|" 20040260952"|"200500 50227"|"5442637"|"588 9762"|"6343067"|"7080 158"|"20020031212"|"2 0020062285"|"2003004 6585"|"20040052234"|" 20040139228"|"200402 67527"|"20050187781"| "20060121902"|"20060 171534"|"20060187926 "|"20070253435"|"2008 0032695"|"2008016844 0"|"20090055473"|"201 00049980"|"201001072 05"|"20100312897"|"20 110099612"|"20120263 144"|"6141687"|"68984 13"|"7010109"|"734599 9"|"7457279"|"7542472" |"7570743"|"8065418"|" 20020080719"|"200201 76404"|"20030031210"| "20030115251"|"20070 016921"|"6836765"|"20 020042769"|"20020124 096"|"20030009565"|"2 0030043764"|"2003010 5812"|"20040128554"|" 20050004982"|"200501 20073"|"20050220017"| "20060062180"|"20060 182100"|"20060205436 "|"20070019545"|"2008 0091813"|"2008013063 9"|"20090003322"|"200 90156217"|"200902349 67"|"20090257433"|"20 100011108"|"20100011 111"|"20100279670"|"2 0100299150"|"2010029 9313"|"7346044"|"7353 252"|"7574523"|"76568 70"|"20020087887"|"20 020120757"|"20020184 310"|"20030046056"|"2 0030163697"|"2004003 4793"|"20050195802"|" 20070110043"|"200803					

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L1035	290	("20030187650"|"20040024879"|"20040068567"|"20040203834"|"20040240399"|"20050071481"|"20050143105"|"20050246193"|"20060002355"|"20060069775"|"20060203750"|"20070025270"|"20070190987"|"20070260359"|"20080123685"|"20080250408"|"20100077023"|"6963555"|"6975718"|"7006508"|"7013155"|"7564843"|"7782866"|"20040100973"|"20040158471"|"20040162871"|"20040228279"|"20040267938"|"20050008024"|"20050286519"|"20080192756"|"6766373"|"7613171"|"20020173303"|"20030078858"|"20030212772"|"20040005877"|"20040249953"|"20050033843"|"20050105524"|"200502	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/09/27 08:24 AM

		70992"|"20070078785"|"20070111794"|"20070239892"|"20080019285"|"20080080392"|"20090136016"|"6298129"|"6360196"|"6826613"|"7117526"|"7302496"|"7664495"|"7778187"|"8009586"|"20020166053"|"20030044020"|"20030072485"|"20030174707"|"20050119005"|"20050249196"|"20090192976"|"6999932"|"7353255"|"20020150110"|"20040039781"|"20040044517"|"20040062267"|"20040148434"|"20040213184"|"20050015502"|"20050144288"|"20050201357"|"20060195402"|"20060218624"|"20060230166"|"20070116224"|"20070274276"|"20080005328"|"20090182815"|"20100312832"|"20110040836"|"5761309"|"6202084"|"6389016"|"6438376"|"6741691"|"6940826"|"7769881"|"20030137939"|"20040139225"|"20060183476"|"20060246903"|"20080069105"|"6031818"|"6311150"|"6574668"|"6842460"|"20020038282"|"20030061025"|"20030061481"|"20030135569"|"20030177186"|"20030217318"|"20030229715"|"20040133689"|"20040143678"|"20050187957"|"20050208947"|"20050254440"|"20060121986"|"20060165029"|"20080235362"|"20080235511"|"20090006076"|"20090088150"|"20090300673"|"20100223047"|"5818447"|"6161082"|"6912278"|"7123710"|"7917584"|"20020020178087"|"20030220121"|"20050086309"|"20050138119"|"20060148516"|"5790637"|"6473425").PN.				
L1036	608	L26 AND (mobile cell cellular phone iphone)	(US-PGPUB; USPAT; EPO; JPO;	OR	OFF	OFF	2022/09/27 08:24 AM

		NOT (L16 L19 L20 L22 L24 L25 L27 L28 L29 L30 L31)	DERWENT; IBM_TDB)				
L1037	16186	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/09/27 08:24 AM
L1038	81	L36 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/09/27 08:24 AM
L1039	81	L37	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/09/27 08:24 AM
L1040	11	L36 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911" NOT L37	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/09/27 08:24 AM
L1041	11	L39	(US-PGPUB; USPAT; EPO; JPO;	OR	ON	ON	2022/09/27 08:24 AM

			DERWENT)				
L1042	49	L36 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L37	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/09/27 08:24 AM
L1043	49	L41	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/09/27 08:24 AM
L1044	157	((window screen pane image display) WITH (plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/09/27 08:24 AM

		okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L37					
L1045	157	L43	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/09/27 08:24 AM
L1046	3	((window screen pane image display) WITH (function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT (L37 L39 L41 L43)	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/09/27 08:24 AM
L1047	3	L45	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/09/27 08:24 AM
L1048	160	((window screen pane image display) WITH (function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/09/27 08:24 AM

		simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L37					
L1049	3	((window screen pane image display) WITH (((function program application app sub) NEAR2 (block section segment)) plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/09/27 08:24 AM

		authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT (L37 L39 L41 L43 L47)					
L1050	3	L48	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/09/27 08:24 AM
L1051	290	("20030187650"|"20040024879"|"20040068567"|"20040203834"|"20040240399"|"20050071481"|"20050143105"|"20050246193"|"20060002355"|"20060069775"|"20060203750"|"20070025270"|"20070190987"|"20070260359"|"20080123685"|"20080250408"|"20100077023"|"6963555"|"6975718"|"7006508"|"7013155"|"7564843"|"7782866"|"20040100973"|"20040158471"|"20040162871"|"20040228279"|"20040267938"|"20050008024"|"20050286519"|"20080192756"|"6766373"|"7613171"|"20020173303"|"20030078858"|"20030212772"|"20040005877"|"20040249953"|"20050033843"|"20050105524"|"20050270992"|"20070078785"|"20070111794"|"20070239892"|"20080019285"|"20080080392"|"20090136016"|"6298129"|"6360196"|"6826613"|"7117526"|"7302496"|"7664495"|"7778187"|"8009586"|"20020166053"|"20030044020"|"20030072485"|"20030174707"|"20050119005"|"20050249196"|"20090192976"|"6999932"|"7353255"|"20020150110"|"20040039781"|"20040044517"|"20040062267"|"200401	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/09/27 08:24 AM

		48434"|"20040213184"|"20050015502"|"20050144288"|"20050201357"|"20060195402"|"20060218624"|"20060230166"|"20070116224"|"20070274276"|"20080005328"|"20090182815"|"20100312832"|"20110040836"|"5761309"|"6202084"|"6389016"|"6438376"|"6741691"|"6940826"|"7769881"|"20030137939"|"20040139225"|"20060183476"|"20060246903"|"20080069105"|"6031818"|"6311150"|"6574668"|"6842460"|"20020038282"|"20030061025"|"20030061481"|"20030135569"|"20030177186"|"20030217318"|"20030229715"|"20040133689"|"20040143678"|"20050187957"|"20050208947"|"20050254440"|"20060121986"|"20060165029"|"20080235362"|"20080235511"|"20090006076"|"20090088150"|"20090300673"|"20100223047"|"5818447"|"6161082"|"6912278"|"7123710"|"7917584"|"20020020178087"|"20030220121"|"20050086309"|"20050138119"|"20060148516"|"5790637"|"6473425").PN.				
L1052	290	L50	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/09/27 08:24 AM
L1053	1577	G06F9/44526.cpc. AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/09/27 08:24 AM
L1054	37	("20010050923"|"20020143548"|"20020156844"|"20030202480"|"20040034776"|"20040103212"|"20050130650"|"20050132009"|"20050198499"|"20050201485"|"20060168643"|"20060258289"|"20070136459"|"20070165629"|"20070206563"|"20070297430"|"20080273541"|"200900	(USPAT; USOCR)	OR	ON	ON	2022/09/27 08:24 AM

		52399"|"20090240821"| "20090327516"|"20110 122864"|"20110314134 "|"6128283"|"7079529"|" 7092385"|"7487248"|"7 623476"|"20030177422 "|"20050033985"|"2005 0091407"|"6850769"|"7 304985"|"20020037000 "|"20020064167"|"2003 0110047"|"2003017214 5"|"20030214955"|"200 40139230"|"200401538 58"|"20040268257"|"20 050136911"|"20050138 128"|"20060072506"|"2 0060120375"|"2007008 2671"|"20070130253"|" 20110145687"|"621963 8"|"6754181"|"6999575" |"7185114"|"7590758"|" 7623516"|"7774495"|"2 0030035441"|"2003007 6815"|"20030217171"|" 20040260952"|"200500 50227"|"5442637"|"588 9762"|"6343067"|"7080 158"|"20020031212"|"2 0020062285"|"2003004 6585"|"20040052234"|" 20040139228"|"200402 67527"|"20050187781"| "20060121902"|"20060 171534"|"20060187926 "|"20070253435"|"2008 0032695"|"2008016844 0"|"20090055473"|"201 00049980"|"201001072 05"|"20100312897"|"20 110099612"|"20120263 144"|"6141687"|"68984 13"|"7010109"|"734599 9"|"7457279"|"7542472" |"7570743"|"8065418"|" 20020080719"|"200201 76404"|"20030031210"| "20030115251"|"20070 016921"|"6836765"|"20 020042769"|"20020124 096"|"20030009565"|"2 0030043764"|"2003010 5812"|"20040128554"|" 20050004982"|"200501 20073"|"20050220017"| "20060062180"|"20060 182100"|"20060205436 "|"20070019545"|"2008 0091813"|"2008013063					

		9"|"20090003322"|"200 90156217"|"200902349 67"|"20090257433"|"20 100011108"|"20100011 111"|"20100279670"|"2 0100299150"|"2010029 9313"|"7346044"|"7353 252"|"7574523"|"76568 70"|"20020087887"|"20 020120757"|"20020184 310"|"20030046056"|"2 0030163697"|"2004003 4793"|"20050195802"|" 20070110043"|"200803 20096"|"6987756"|"718 4415"|"7272377"|"7412 374"|"7477282"|"75126 52"|"20020097150"|"20 020152325"|"20030088 676"|"20030126213"|"2 0030158722"|"2003016 3525").PN.					
L1055	36	("20030187650"|"20040 024879"|"20040068567 "|"20040203834"|"2004 0240399"|"2005007148 1"|"20050143105"|"200 50246193"|"200600023 55"|"20060069775"|"20 060203750"|"20070025 270"|"20070190987"|"2 0070260359"|"2008012 3685"|"20080250408"|" 20100077023"|"696355 5"|"6975718"|"7006508" |"7013155"|"7564843"|" 7782866"|"2004010097 3"|"20040158471"|"200 40162871"|"200402282 79"|"20040267938"|"20 050008024"|"20050286 519"|"20080192756"|"6 766373"|"7613171"|"20 020173303"|"20030078 858"|"20030212772"|"2 0040005877"|"2004024 9953"|"20050033843"|" 20050105524"|"200502 70992"|"20070078785"| "20070111794"|"20070 239892"|"20080019285 "|"20080080392"|"2009 0136016"|"6298129"|"6 360196"|"6826613"|"71 17526"|"7302496"|"766 4495"|"7778187"|"8009 586"|"20020166053"|"2 0030044020"|"2003007	(USPAT; USOCR)	OR	ON	ON	2022/09/27 08:24 AM

		2485"|"20030174707"|"20050119005"|"20050249196"|"20090192976"|"6999932"|"7353255"|"20020150110"|"20040039781"|"20040044517"|"20040062267"|"20040148434"|"20040213184"|"20050015502"|"20050144288"|"20050201357"|"20060195402"|"20060218624"|"20060230166"|"20070116224"|"20070274276"|"20080005328"|"20090182815"|"20100312832"|"20110040836"|"5761309"|"6202084"|"6389016"|"6438376"|"6741691"|"6940826"|"7769881"|"20030137939"|"20040139225"|"20060183476"|"20060246903"|"20080069105"|"6031818"|"6311150"|"6574668"|"6842460"|"20020038282"|"20030061025"|"20030061481"|"20030135569"|"20030177186"|"20030217318"|"20030229715"|"20040133689"|"20040143678"|"20050187957"|"20050208947"|"20050254440"|"20060121986"|"20060165029"|"20080235362"|"20080235511"|"20090006076"|"20090088150"|"20090300673"|"20100223047"|"5818447"|"6161082"|"6912278"|"7123710"|"7917584"|"20020020178087"|"20030220121"|"20050086309"|"20050138119"|"20060148516"|"5790637"|"6473425").PN.				
L1056	315	("20010050923"|"20020143548"|"20020156844"|"20030202480"|"20040034776"|"20040103212"|"20050130650"|"20050132009"|"20050198499"|"20050201485"|"20060168643"|"20060258289"|"20070136459"|"20070165629"|"20070206563"|"20070297430"|"20080273541"|"200900	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/09/27 08:24 AM

		52399"|"20090240821"|"20090327516"|"20110122864"|"20110314134"|"6128283"|"7079529"|"7092385"|"7487248"|"7623476"|"20030177422"|"20050033985"|"20050091407"|"6850769"|"7304985"|"20020037000"|"20020064167"|"20030110047"|"20030172145"|"20030214955"|"20040139230"|"20040153858"|"20040268257"|"20050136911"|"20050138128"|"20060072506"|"20060120375"|"20070082671"|"20070130253"|"20110145687"|"6219638"|"6754181"|"6999575"|"7185114"|"7590758"|"7623516"|"7774495"|"20030035441"|"20030076815"|"20030217171"|"20040260952"|"20050050227"|"5442637"|"5889762"|"6343067"|"7080158"|"20020031212"|"20020062285"|"20030046585"|"20040052234"|"20040139228"|"20040267527"|"20050187781"|"20060121902"|"20060171534"|"20060187926"|"20070253435"|"20080032695"|"20080168440"|"20090055473"|"20100049980"|"20100107205"|"20100312897"|"20110099612"|"20120263144"|"6141687"|"6898413"|"7010109"|"7345999"|"7457279"|"7542472"|"7570743"|"8065418"|"20020080719"|"20020176404"|"20030031210"|"20030115251"|"20070016921"|"6836765"|"20020042769"|"20020124096"|"20030009565"|"20030043764"|"20030105812"|"20040128554"|"20050004982"|"20050120073"|"20050220017"|"20060062180"|"20060182100"|"20060205436"|"20070019545"|"20080091813"|"2008013063					

		9"|"20090003322"|"200 90156217"|"200902349 67"|"20090257433"|"20 100011108"|"20100011 111"|"20100279670"|"2 0100299150"|"2010029 9313"|"7346044"|"7353 252"|"7574523"|"76568 70"|"20020087887"|"20 020120757"|"20020184 310"|"20030046056"|"2 0030163697"|"2004003 4793"|"20050195802"|" 20070110043"|"200803 20096"|"6987756"|"718 4415"|"7272377"|"7412 374"|"7477282"|"75126 52"|"20020097150"|"20 020152325"|"20030088 676"|"20030126213"|"2 0030158722"|"2003016 3525").PN.					
L1057	36	("20030187650"|"20040 024879"|"20040068567 "|"20040203834"|"2004 0240399"|"2005007148 1"|"20050143105"|"200 50246193"|"200600023 55"|"20060069775"|"20 060203750"|"20070025 270"|"20070190987"|"2 0070260359"|"2008012 3685"|"20080250408"|" 20100077023"|"696355 5"|"6975718"|"7006508" |"7013155"|"7564843"|" 7782866"|"2004010097 3"|"20040158471"|"200 40162871"|"200402282 79"|"20040267938"|"20 050008024"|"20050286 519"|"20080192756"|"6 766373"|"7613171"|"20 020173303"|"20030078 858"|"20030212772"|"2 0040005877"|"2004024 9953"|"20050033843"|" 20050105524"|"200502 70992"|"20070078785"| "20070111794"|"20070 239892"|"20080019285 "|"20080080392"|"2009 0136016"|"6298129"|"6 360196"|"6826613"|"71 17526"|"7302496"|"766 4495"|"7778187"|"8009 586"|"20020166053"|"2 0030044020"|"2003007	(USPAT; USOCR)	OR	ON	ON	2022/09/27 08:24 AM

		2485"|"20030174707"|"20050119005"|"20050249196"|"20090192976"|"6999932"|"7353255"|"20020150110"|"20040039781"|"20040044517"|"20040062267"|"20040148434"|"20040213184"|"20050015502"|"20050144288"|"20050201357"|"20060195402"|"20060218624"|"20060230166"|"20070116224"|"20070274276"|"20080005328"|"20090182815"|"20100312832"|"20110040836"|"5761309"|"6202084"|"6389016"|"6438376"|"6741691"|"6940826"|"7769881"|"20030137939"|"20040139225"|"20060183476"|"20060246903"|"20080069105"|"6031818"|"6311150"|"6574668"|"6842460"|"20020038282"|"20030061025"|"20030061481"|"20030135569"|"20030177186"|"20030217318"|"20030229715"|"20040133689"|"20040143678"|"20050187957"|"20050208947"|"20050254440"|"20060121986"|"20060165029"|"20080235362"|"20080235511"|"20090006076"|"20090088150"|"20090300673"|"20100223047"|"5818447"|"6161082"|"6912278"|"7123710"|"7917584"|"20020178087"|"20030220121"|"20050086309"|"20050138119"|"20060148516"|"5790637"|"6473425").PN.				
L1058	608	L52 AND (mobile cell cellular phone iphone) NOT (L37 L39 L41 L43 L45 L48 L53 L54 L55 L56 L50)	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/09/27 08:24 AM
L1059	608	L57	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/09/27 08:24 AM
L1060	0	L36 AND without NEAR5 (switch switches switching	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/09/27 08:24 AM

		switched swap swaps swapping swapped change changes changing changed move moves moving moved) WITH (superblock super-block super ADJ block function ADJ block function-block functionblock funblock program-block program ADJ block application ADJ block appblock app-block application-block)					
L1061	450	without WITH (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved) WITH (superblock super-block super ADJ block function ADJ block function-block functionblock funblock program-block program ADJ block application ADJ block appblock app-block application-block)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/09/27 08:24 AM
L1062	208	(instead place missing skipping) WITH (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved) WITH (superblock super-block super ADJ block function ADJ block function-block functionblock funblock program-block program ADJ block application ADJ block appblock app-block application-block) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/09/27 08:24 AM
L1063	55311	(without instead place missing skipping) WITH (switch switches	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/09/27 08:24 AM

		switching switched swap swaps swapping swapped change changes changing changed move moves moving moved) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L60 L61)					
L1064	41346	(without) WITH (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L60 L61)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/09/27 08:24 AM
L1065	11	(without) NEAR2 (context NEAR1 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L60 L61)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/09/27 08:24 AM
L1066	41	(without instead place missing skipping) WITH (context NEAR1 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L60 L61)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/09/27 08:24 AM
L1067	30	(without instead place missing skipping) WITH (context NEAR1 (switch switches switching	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/09/27 08:24 AM

		switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L60 L61 L64)					
L1068	5	(without instead place missing skipping) WITH (context NEAR3 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L60 L61 L64 L66)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/09/27 08:24 AM
L1069	50	(without instead place missing skipping) WITH (context NEAR5 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved)) WITH (code ADJ block code-block code ADJ section code-section layer) AND @ad<"20130911" NOT (L60 L61 L64 L66 L67)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/09/27 08:24 AM
L1070	166	CHATURVEDI-SIVAKUMAR.in. GUNDABATHULA-SATISH.in. HIREMATH-RASHMI.in. CHATURVEDI-SIVAKUMAR-$.in. GUNDABATHULA-SATISH-$.in. HIREMATH-RASHMI-$.in.	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/27 08:24 AM
L1071	14	without ADJ switching NEAR3 context WITH superblock	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/09/27 08:24 AM

L1072	11	establishing WITH function WITH block WITH superblock	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/09/27 08:24 AM
L1073	16186	(G06F9/54.cpc. G06F9/541.cpc. G06F9/542.cpc. G06F9/44526.cpc.) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/09/27 08:24 AM
L1074	81	L72 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/09/27 08:24 AM
L1075	81	L73	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/09/27 08:24 AM
L1076	81	L74	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/09/27 08:24 AM
L1077	11	L72 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing)) AND @ad<"20130911" NOT	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/09/27 08:24 AM

		L73					
L1078	11	L76	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/09/27 08:24 AM
L1079	11	L77	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/09/27 08:24 AM
L1080	49	L72 AND ((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L73	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/09/27 08:24 AM
L1081	49	L79	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/09/27 08:24 AM
L1082	49	L80	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/09/27 08:24 AM
L1083	157	((window screen pane image display) WITH (plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/09/27 08:24 AM

		checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L73					
L1084	157	L82	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/09/27 08:24 AM
L1085	157	L83	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/09/27 08:24 AM
L1086	3	((window screen pane image display) WITH (function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/09/27 08:24 AM

		@ad<"20130911" NOT (L73 L76 L79 L82)					
L1087	3	L85	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/09/27 08:24 AM
L1088	3	L86	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/09/27 08:24 AM
L1089	160	((window screen pane image display) WITH (function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT L73	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/09/27 08:24 AM
L1090	3	((window screen pane image display) WITH (((function program application app sub) NEAR2 (block section segment)) plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (both together simultaneously "same	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/09/27 08:24 AM

		time" concurrent concurrently simultaneous)) AND((function ADJ block plug-in plugin plug ADJ in addon add-on add ADJ on addin add-in add ADJ in extension) WITH (verify verifies verifying verified verification check checks checking checked determine determines determining determined) WITH (authority authorize authorizes authorizing authorized approve approves approving approved approval allow allows allowing allowed allowance ok okeys oking oked okes ok-ed ok-ing able capable permission clearence)) AND @ad<"20130911" NOT (L73 L76 L79 L82 L88)						
L1091	3	L89	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/09/27 08:24 AM
L1092	3	L90	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/09/27 08:24 AM
L1093	290	("20030187650"|"20040024879"|"20040068567"|"20040203834"|"20040240399"|"20050071481"|"20050143105"|"20050246193"|"20060002355"|"20060069775"|"20060203750"|"20070025270"|"20070190987"|"20070260359"|"20080123685"|"20080250408"|"20100077023"|"6963555"|"6975718"|"7006508"|"7013155"|"7564843"|"7782866"|"20040100973"|"20040158471"|"20040162871"|"20040228279"|"20040267938"|"20050008024"|"20050286519"|"20080192756"|"6766373"|"7613171"|"20020173303"|"20030078858"|"20030212772"|"2	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/09/27 08:24 AM

		0040005877"|"2004024 9953"|"20050033843"|" 20050105524"|"200502 70992"|"20070078785"| "20070111794"|"20070 239892"|"20080019285 "|"20080080392"|"2009 0136016"|"6298129"|"6 360196"|"6826613"|"71 17526"|"7302496"|"766 4495"|"7778187"|"8009 586"|"20020166053"|"2 0030044020"|"2003007 2485"|"20030174707"|" 20050119005"|"200502 49196"|"20090192976"| "6999932"|"7353255"|"2 0020150110"|"2004003 9781"|"20040044517"|" 20040062267"|"200401 48434"|"20040213184"| "20050015502"|"20050 144288"|"20050201357 "|"20060195402"|"2006 0218624"|"2006023016 6"|"20070116224"|"200 70274276"|"200800053 28"|"20090182815"|"20 100312832"|"20110040 836"|"5761309"|"62020 84"|"6389016"|"643837 6"|"6741691"|"6940826" |"7769881"|"200301379 39"|"20040139225"|"20 060183476"|"20060246 903"|"20080069105"|"6 031818"|"6311150"|"65 74668"|"6842460"|"200 20038282"|"200300610 25"|"20030061481"|"20 030135569"|"20030177 186"|"20030217318"|"2 0030229715"|"2004013 3689"|"20040143678"|" 20050187957"|"200502 08947"|"20050254440"| "20060121986"|"20060 165029"|"20080235362 "|"20080235511"|"2009 0006076"|"2009008815 0"|"20090300673"|"201 00223047"|"5818447"|" 6161082"|"6912278"|"7 123710"|"7917584"|"20 020178087"|"20030220 121"|"20050086309"|"2 0050138119"|"2006014 8516"|"5790637"|"6473					

		425").PN.					
L1094	290	L92	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/09/27 08:24 AM
L1095	290	L93	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/09/27 08:24 AM
L1096	1577	G06F9/44526.cpc. AND @ad<"20130911"	(US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/09/27 08:24 AM
L1097	37	("20010050923"|"20020143548"|"20020156844"|"20030202480"|"20040034776"|"20040103212"|"20050130650"|"20050132009"|"20050198499"|"20050201485"|"20060168643"|"20060258289"|"20070136459"|"20070165629"|"20070206563"|"20070297430"|"20080273541"|"20090052399"|"20090240821"|"20090327516"|"20110122864"|"20110314134"|"6128283"|"7079529"|"7092385"|"7487248"|"7623476"|"20030177422"|"20050033985"|"20050091407"|"6850769"|"7304985"|"20020037000"|"20020064167"|"20030110047"|"20030172145"|"20030214955"|"20040139230"|"20040153858"|"20040268257"|"20050136911"|"20050138128"|"20060072506"|"20060120375"|"20070082671"|"20070130253"|"20110145687"|"6219638"|"6754181"|"6999575"|"7185114"|"7590758"|"7623516"|"7774495"|"20030035441"|"20030076815"|"20030217171"|"20040260952"|"20050050227"|"5442637"|"5889762"|"6343067"|"7080158"|"20020031212"|"20020062285"|"20030046585"|"20040052234"|"20040139228"|"20040267527"|"20050187781"|"20060121902"|"20060171534"|"20060187926"|"20070253435"|"2008	(USPAT; USOCR)	OR	ON	ON	2022/09/27 08:24 AM

		0032695"|"2008016844 0"|"20090055473"|"201 00049980"|"201001072 05"|"20100312897"|"20 110099612"|"20120263 144"|"6141687"|"68984 13"|"7010109"|"734599 9"|"7457279"|"7542472" |"7570743"|"8065418"|" 20020080719"|"200201 76404"|"20030031210"| "20030115251"|"20070 016921"|"6836765"|"20 020042769"|"20020124 096"|"20030009565"|"2 0030043764"|"2003010 5812"|"20040128554"|" 20050004982"|"200501 20073"|"20050220017"| "20060062180"|"20060 182100"|"20060205436 "|"20070019545"|"2008 0091813"|"2008013063 9"|"20090003322"|"200 90156217"|"200902349 67"|"20090257433"|"20 100011108"|"20100011 111"|"20100279670"|"2 0100299150"|"2010029 9313"|"7346044"|"7353 252"|"7574523"|"76568 70"|"20020087887"|"20 020120757"|"20020184 310"|"20030046056"|"2 0030163697"|"2004003 4793"|"20050195802"|" 20070110043"|"200803 20096"|"6987756"|"718 4415"|"7272377"|"7412 374"|"7477282"|"75126 52"|"20020097150"|"20 020152325"|"20030088 676"|"20030126213"|"2 0030158722"|"2003016 3525").PN.					
L1098	36	("20030187650"|"20040 024879"|"20040068567 "|"20040203834"|"2004 0240399"|"2005007148 1"|"20050143105"|"200 50246193"|"200600023 55"|"20060069775"|"20 060203750"|"20070025 270"|"20070190987"|"2 0070260359"|"2008012 3685"|"20080250408"|" 20100077023"|"696355 5"|"6975718"|"7006508"	(USPAT; USOCR)	OR	ON	ON	2022/09/27 08:24 AM

		|"7013155"|"7564843"|"7782866"|"20040100973"|"20040158471"|"20040162871"|"20040228279"|"20040267938"|"20050008024"|"20050286519"|"20080192756"|"6766373"|"7613171"|"20020173303"|"20030078858"|"20030212772"|"20040005877"|"20040249953"|"20050033843"|"20050105524"|"20050270992"|"20070078785"|"20070111794"|"20070239892"|"20080019285"|"20080080392"|"20090136016"|"6298129"|"6360196"|"6826613"|"7117526"|"7302496"|"7664495"|"7778187"|"8009586"|"20020166053"|"20030044020"|"20030072485"|"20030174707"|"20050119005"|"20050249196"|"20090192976"|"6999932"|"7353255"|"20020150110"|"20040039781"|"20040044517"|"20040062267"|"20040148434"|"20040213184"|"20050015502"|"20050144288"|"20050201357"|"20060195402"|"20060218624"|"20060230166"|"20070116224"|"20070274276"|"20080005328"|"20090182815"|"20100312832"|"20110040836"|"5761309"|"6202084"|"6389016"|"6438376"|"6741691"|"6940826"|"7769881"|"20030137939"|"20040139225"|"20060183476"|"20060246903"|"20080069105"|"6031818"|"6311150"|"6574668"|"6842460"|"20020038282"|"20030061025"|"20030061481"|"20030135569"|"20030177186"|"20030217318"|"20030229715"|"20040133689"|"20040143678"|"20050187957"|"20050208947"|"20050254440"|"20060121986"|"20060165029"|"20080235362					

		"|"20080235511"|"20090006076"|"20090088150"|"20090300673"|"20100223047"|"5818447"|"6161082"|"6912278"|"7123710"|"7917584"|"20020178087"|"20030220121"|"20050086309"|"20050138119"|"20060148516"|"5790637"|"6473425").PN.					
L1995	1054	without WITH (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved) WITH (superblock super-block super ADJ block function ADJ block function-block functionblock funblock program-block program ADJ block application ADJ block appblock app-block application-block ((software code) near2(instruct$3 order)))	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/09/27 10:57 AM
L1996	175	without near3 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved) near3 (superblock super-block super ADJ block function ADJ block function-block functionblock funblock program-block program ADJ block application ADJ block appblock app-block application-block ((software code) near2(instruct$3 order)))	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/09/27 10:58 AM
L1997	118	without near5 (switch switches switching switched swap swaps swapping swapped change changes changing changed	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/09/27 11:19 AM

		move moves moving moved) near5 (superblock super-block super ADJ block function ADJ block function-block functionblock funblock program-block program ADJ block application ADJ block appblock app-block application-block ((software code) near2(instruct$3 order))) NOT L1996					
L1998	277	without WITH (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved) near5 (superblock super-block super ADJ block function ADJ block function-block functionblock funblock program-block program ADJ block application ADJ block appblock app-block application-block ((software code) near2(instruct$3 order))) NOT (L1996 L1997)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/09/27 11:35 AM
L1999	879	L1995 NOT (L1996 L1997L1998)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/09/27 11:55 AM
L2000	484	L1995 NOT (L1996 L1997 L1998)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/09/27 11:56 AM
L2001	77	(without avoid$4 lack$3 prevent$3) near3 (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved) near3 (superblock super-block super ADJ block function ADJ block function-block functionblock funblock program-block program ADJ block application	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/09/27 12:42 PM

		ADJ block appblock app-block application-block ((software code) near2(instruct$3 order))) NOT (L1996 L1997 L1998 L1999 L2000)					
L2002	169	(without avoid$4 lack$3 prevent$3) WITH (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved) near3 (superblock super-block super ADJ block function ADJ block function-block functionblock funblock program-block program ADJ block application ADJ block appblock app-block application-block ((software code) near2(instruct$3 order))) NOT (L1996 L1997 L1998 L1999 L2000 L2001)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/09/27 12:56 PM
L2003	398	(without avoid$4 lack$3 prevent$3) WITH (switch switches switching switched swap swaps swapping swapped change changes changing changed move moves moving moved) WITH (superblock super-block super ADJ block function ADJ block function-block functionblock funblock program-block program ADJ block application ADJ block appblock app-block application-block ((software code) near2(instruct$3 order))) NOT (L1996 L1997 L1998 L1999 L2000 L2001 2002)	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/09/27 01:25 PM
L2004	398	(without avoid$4 lack$3 prevent$3) WITH (switch switches switching switched	(US-PGPUB; USPAT; EPO; JPO; DERWENT)	OR	ON	ON	2022/09/27 02:50 PM

		swap swaps swapping swapped change changes changing changed move moves moving moved) WITH (superblock super-block super ADJ block function ADJ block function-block functionblock funblock program-block program ADJ block application ADJ block appblock app-block application-block ((software code) near2(instruct$3 order))) NOT (L1996 L1997 L1998 L1999 L2000 L2001 L2002)					

PE2E SEARCH - Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
N34	12	719/313,319,329.ccls.	(US-PGPUB; USPAT)	OR	OFF	OFF	2015/03/16 11:01 AM
N35	23	719/313,319,329.ccls. G06F9/54 G06F9/541 G06F9/542 NOT N34	(US-PGPUB; USPAT)	OR	OFF	OFF	2015/03/16 11:15 AM
N125	4	function ADJ block WITH mobile WITH superblock	(US-PGPUB; USPAT)	OR	ON	ON	2016/06/13 09:27 AM
N126	2	function ADJ block WITH notifying WITH superblock	(US-PGPUB; USPAT)	OR	ON	ON	2016/06/13 09:29 AM
N127	2	switching ADJ context WITH establishing WITH superblock	(US-PGPUB; USPAT)	OR	ON	ON	2016/06/13 09:30 AM
N210	23	audio/video NEAR3 functionality WITH block	(US-PGPUB; USPAT)	OR	ON	ON	2016/12/22 09:43 AM
N211	4	superblock NEAR5 audio/video	(US-PGPUB; USPAT)	OR	ON	ON	2016/12/22 09:44 AM
N212	1	A/V ADJ service WITH superblock	(US-PGPUB; USPAT)	OR	ON	ON	2016/12/22 09:45 AM
N213	0	provide ADJ audio WITH service	(US-PGPUB; USPAT)	OR	ON	ON	2016/12/22 09:46 AM
N686	0	superblock ADJ application WITH function ADJ block WITH occupy	(US-PGPUB; USPAT)	OR	ON	ON	2019/04/02 01:58 PM
N687	0	establish NEAR2 audio/video WITH superblock	(US-PGPUB; USPAT)	OR	ON	ON	2019/04/02 01:59 PM
N688	7	video ADJ output WITH	(US-PGPUB; USPAT)	OR	ON	ON	2019/04/02

		video ADJ window WITH superblock					01:59 PM
N689	0	switching ADJ context WITH superblock WITH electronic ADJ device	(US-PGPUB; USPAT)	OR	ON	ON	2019/04/02 02:00 PM
N1006	11	function ADJ block WITH mobile WITH superblock	(US-PGPUB; USPAT)	OR	ON	ON	2020/07/28 12:08 PM
N1007	3	function ADJ block WITH notifying WITH superblock	(US-PGPUB; USPAT)	OR	ON	ON	2020/07/28 12:09 PM
N1008	4758370	superblock ADJ applicatin WITH memory space	(US-PGPUB; USPAT)	OR	ON	ON	2020/07/28 12:10 PM
N1009	0	superblock ADJ applicatin WITH memory ADJ space	(US-PGPUB; USPAT)	OR	ON	ON	2020/07/28 12:11 PM
N1010	1	superblock ADJ applicatiOn WITH memory ADJ space	(US-PGPUB; USPAT)	OR	ON	ON	2020/07/28 12:11 PM
N1011	0	superblock ADJ applicatin WITH memory ADJ space	(US-PGPUB; USPAT)	OR	ON	ON	2020/07/28 12:11 PM
N1012	1	superblock ADJ application WITH memory ADJ space	(US-PGPUB; USPAT)	OR	ON	ON	2020/07/28 12:11 PM
N1013	1	establish NEAR1 audio/video WITH superblock	(US-PGPUB; USPAT)	OR	ON	ON	2020/07/28 12:13 PM
N1014	9	video ADJ window NEAR3 display ADJ window WITH superblock	(US-PGPUB; USPAT)	OR	ON	ON	2020/07/28 12:14 PM
N1015	1	switching ADJ context WITH superblock ADJ application WITH electronic ADJ device	(US-PGPUB; USPAT)	OR	ON	ON	2020/07/28 12:16 PM
N1016	7	instructions near5 function ADJ block near2 superblock ADJ application	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/28 12:51 PM
N1041	0	function ADJ block near1 accessible ADJ only near2 superblock ADJ application	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/28 12:58 PM
N1042	7	function ADJ block near1 operative near2 executed near5 processor	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/28 12:59 PM
N1043	0	establish near1 connection near2 external ADJ device near2 network ADJ	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/28 01:01 PM

N1044	13	interface near1 provide superblock ADJ application ADJ without ADJ switching ADJ context	(US-PGPUB; USPAT)	OR	ON	ON	2022/09/28 01:02 PM

Managing bounded code caches in dynamic binary optimization systems
K Hazelwood, MD Smith - ACM Transactions on Architecture and Code ..., 2006 - dl.acm.org
... any other **superblocks** that target the **superblock** we wish to ... are **no** dangling links resulting from individual **superblock** ... **superblock** cache results in two DynamoRIO **context switches**...
☆ Save 99 Cite Cited by 54 Related articles All 4 versions

Generational cache management of code traces in dynamic optimization systems
K Hazelwood, MD Smith - Proceedings. 36th Annual IEEE ..., 2003 - ieeexplore.ieee.org
... form a **superblock** of code, and copying the **superblock** into a ... Our circular management policy does **not change** its be... We compared the overhead of trace generation, **context switches**, ...
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Investigation and evaluation of thermal comfort and walking comfort in hot-humid climate case study: The open spaces of Mega Kuningan-**Superblock** in Jakarta
MD Koerniawan, W Gao - ... Journal of Building, Urban, Interior and ..., 2015 - ph02.tci-thaijo.org
... comfort area in an outdoor environment in the **superblock** for urban designer and architect. ... responsibility in this **context not** only because climate **change** causes new challenges for ...
☆ Save 99 Cite Cited by 15 Related articles »

Superblock FTL: A **superblock**-based flash translation layer with a hybrid address translation scheme
D Jung, JUK Kang, H Jo, JS Kim, J Lee - ACM Transactions on ..., 2010 - dl.acm.org
... In our **Superblock** FTL, we define the **superblock** as a set of ... The advantage of using the **superblock** is that we can exploit ... to our **Superblock** FTL, as it cannot work properly **without** the ...
☆ Save 99 Cite Cited by 97 Related articles All 6 versions

Evolutionary algorithms for generating urban morphology: Variations and multiple objectives
M Makki, M Showkatbakhsh... - International ..., 2019 - journals.sagepub.com
... you supply to use this **service** will **not** be used for any other purpose **without** your consent. ... the level of a single **superblock** or between **superblocks** across multiple generations. The ...
☆ Save 99 Cite Cited by 30 Related articles All 6 versions »

The demikernel datapath os architecture for microsecond-scale datacenter systems
I Zhang, A Raybuck, P Patel, K Olynyk... - Proceedings of the ..., 2021 - dl.acm.org
... Rust makes a coroutine **context switch** lightweight and fast (≈... We use **superblocks** to manage DMA-capable memory and ... to the client **without** copies or thread **context switches**. Current ...
☆ Save 99 Cite Cited by 14 Related articles All 2 versions »

Latency tails of byte-addressable non-volatile memories in systems
C Sun, D Le Moal, Q Wang, R Mateescu... - 2017 IEEE ..., 2017 - ieeexplore.ieee.org
... with "**superblocks**" and "garbage collection", and random access to data is **not** significantly ... , the greatest enemy becomes the cost of **context switching** and system calls. For instance, the ...
☆ Save 99 Cite Cited by 9 Related articles

M3: A hardware/operating-system co-design to tame heterogeneous manycores
N Asmussen, M Völp, B Nöthen, H Härtig... - Proceedings of the ..., 2016 - dl.acm.org
... That is, **applications no** longer share hardware resources like ... We leave the details of **context switching** (and migration, ... filesystems, consisting of a **superblock**, an inode and block bitmap...
☆ Save 99 Cite Cited by 65 Related articles All 9 versions

The potential of implementing **superblocks** for multifunctional street use in cities

S Eggimann - Nature Sustainability, 2022 - nature.com

… they were altered so that **superblocks** cannot be crossed by car, thus preventing through traffic 13 . **Superblocks** do **not** only redefine urban mobility by **shifting** the modal split towards …

☆ Save 99 Cite Cited by 6 Related articles All 5 versions »

A hardware/**software** codesigned virtual machine to support multiple ISAS

T Li, A Liang, B Liu, L Lin, H Guan - PROCEEDINGS--AMAS-BT …, 2006 - researchgate.net

… In this way, there is **no context switch** between the PowerPC execute engine and the … machine is currently evaluated **without** further optimizations such as profile and **super block** [17]. …

☆ Save 99 Cite Cited by 4 Related articles »

Robert Moses and the Modern City: Remaking the Metropolis; Slum Clearance and the **Superblock** Solution; Exhibition catalogue

K PAPACOSMA - The Public Historian, 2008 - online.ucpress.edu

... did **not** work in a vacuum. Ballon and her collaborators placed Moses in a national **context** and ... He most **no**tably lost to community activist Shirley Hayes, who led the citizens group that ...

☆ Save 99 Cite Related articles

The Relationship Between Gigabit **Switches** and 802.11 B Using Apodes

AD Vitela Caraveo - 2015

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Exploiting **content**-based networking for fine granularity multireceiver video streaming

VSW Eide, F Eliassen... - ... and Networking 2005, 2005 - spiedigitallibrary.org

... -based networking, as described in [8], messages are forwarded based on **content**, and **not** ... size of 11 × 6 macroblocks implies three **superblock** rows and two **superblock** columns. With ...

☆ Save 99 Cite Cited by 18 Related articles All 9 versions

The Metastasizing Megaproject: Urban design and 'monstrous moral hybrids' in the American city [Book Chapter]

BD Ryan - 2013 - dspace.mit.edu

... on a global level does **not** mean that American cities are **not** constructing megaprojects. On the ... much of the city center into an aggregation of **superblocks** surrounded by parking lots. ...

☆ Save 99 Cite Related articles »

A stackable file system interface for Linux

E Zadok, I Badulescu - LinuxExpo Conference Proceedings, 1999 - fsl.cs.sunysb.edu

... of **context switches** that take place in order to serve a user request. ... Therefore, we decided **not** to create a special API for ... For example, the read inode **superblock** operation which is used ...

☆ Save 99 Cite Cited by 71 Related articles All 12 versions »

PolarFS: an ultra-low latency and failure resilient distributed file system for shared storage cloud database

W Cao, Z Liu, P Wang, S Chen, C Zhu... - Proceedings of the ..., 2018 - dl.acm.org

... to eliminate locks and avoid **context switches** on the critical data ... Then we will prove that the **out-of**-order **apply** will **not** violate ... (3) Node 1 updates the **superblocks** with the modified meta...

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pvm: Persistent virtual memory for efficient capacity scaling and object storage

S Kannan, A Gavrilovska, K Schwan - Proceedings of the Eleventh ..., 2016 - dl.acm.org

... use is granted **without** fee provided that copies are **not** made or ... structures like inodes and **superblocks** originally designed for ... the OS filesystem and **context switching** costs because ob- ...

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DFTL: a flash translation layer employing demand-based selective caching of page-level address mappings

A Gupta, Y Kim, B Urgaonkar - Acm Sigplan Notices, 2009 - dl.acm.org

... use is granted **without** fee provided that copies are **not** made or ... the **superblock** to exploit temporal locality in the request streams by separating hot and cold data within the **superblock**. ...

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Mostly-Static Program Partitioning for Dynamic Parallelization of Binary Executables

E Yardimci, M Franz - Citeseer

... **context** resources for individual threads in hardware, Multithreaded processors [5] eliminate **contextswitching** ... Because it is **not** easy to measure the actual time spent in each **superblock**, ...

☆ Save 99 Cite Related articles All 2 versions »

Hydra: A block-mapped parallel flash memory solid-state disk architecture

YJ Seong, EH Nam, JH Yoon, H Kim... - IEEE Transactions ..., 2010 - ieeexplore.ieee.org

... (This is **not** to be confused with the term "**superblock**" used to ... i bits of a logical **superblock** address to index the superchip, ... **superblock** is always remapped to a physical **superblock** in ...

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Smart Red Belly Blockchain: Enhanced Transaction Management for Decentralized **Applications**

D Tennakoon, V Gramoli - arXiv preprint arXiv:2207.05971, 2022 - arxiv.org

... As geth does **not** expect to receive blocks at such a high ... Note that, to form a **superblock** we require SRBB to execute ... gas metering and inefficient **context switching** of methods used for ...

☆ Save 99 Cite All 2 versions »

Proof of luck: An efficient blockchain consensus protocol

M Milutinovic, W He, H Wu, M Kanwal - ... Workshop on System **Software** ..., 2016 - dl.acm.org

... or classroom use is granted **without** fee provided that copies are **not** made or distributed ... **super-block**. Blocks from honest participants have nearly the same transactions, so a **superblock** ...

☆ Save 99 Cite Cited by 276 Related articles All 6 versions

Dimension: an instrumentation tool for virtual execution environments

J Yang, S Zhou, ML Soffa - ... of the 2nd international conference on ..., 2006 - dl.acm.org

... use is granted **without** fee provided that copies are **not** made or ... , a basic block, or a **superblock** as a translation unit, the ... , (2) to perform the **contextswitch**, (3) to transfer control to ...

☆ Save 99 Cite Cited by 11 Related articles All 12 versions »

Superblocks as the base of new urban mobility and a new model of public space: Barcelona as a case study

S Rueda Palenzuela - **Superblocks** as the base of new urban mobility ..., 2019 - torrossa.com

... **Superblocks** to solve, to a large extent, the impact generated by noise in Barcelona. The idea evolved to demonstrate that **Superblocks** can **not** ... will focus on the **Superblock** as the basis ...

☆ Save 99 Cite Related articles »

Streets, density, and the **superblock**: neighborhood planning units and street connectivity in Abu Dhabi

K Alawadi, N Hong Nguyen, E Alrubaei... - Journal of Urbanism ..., 2021 - Taylor & Francis

... the city as a grid of rectangular **superblocks** that would be easy to ... **not** to use these metrics to analyze the selected street layouts for Abu Dhabi's NPUs. Moreover, such measures do **not** ...

☆ Save 99 Cite Cited by 1 Related articles All 4 versions »

A study on the number of memory ports in multiple instruction issue machines

SM Moon, K Ebcioğlu - Proceedings of the 26th annual ..., 1993 - ieeexplore.ieee.org

... Since a **superblock** does **not** permit side-entrances, every home block can be assigned a ... a **context switch**. However, WBS could rebuild its state after a **context switch** since **no** registers ...

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Allocating memory in a lock-free manner

A Gidenstam, M Papatriantafilou, P Tsigas - European Symposium on ..., 2005 - Springer

...], we cannot **apply** those here, because **not** only do we want the operations on the list to be lock-free, but we also need to be able to move a **superblock** from one set to another **without** ...

☆ Save 99 Cite Cited by 33 Related articles All 17 versions »

Study of Pedestrian Zone According to **Superblock** Criteria in the Casco Antiguo of Panama

H Caballero, L Hidalgo, J Quijada-Alarcon - Sustainability, 2022 - mdpi.com

... The idea of **superblocks** is **not** new. Throughout history, the essential element of urbanism has been the "block." This allows for road organization according to the geography of cities ...

☆ Save 99 Cite Cited by 1 Related articles All 8 versions »

HydraFS: A High-Throughput File System for the HYDRAstor **Content**-Addressable Storage System.

C Ungureanu, B Atkin, A Aranya, S Gokhale, S Rago… - FAST, 2010 - usenix.org

… blocks belonging to the old file system version (**not** shown). Inode 3067 can be discarded… **super block**. Inode 3068 cannot be removed, but it can be partially cleaned by dropping **content** …

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Open issues and opportunities to guarantee the "right to the 'healthy'city" in the post-Covid-19 European city

F Camerin - Contesti. Città, territori, progetti, 2020 - oajournals.fupress.net

… On the one hand, by slightly debunking the myth of the 15-minute city and **Superblocks** models as … First, the 15-minute city and **Superblocks** are **not** new concepts and/or solutions in the …

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A semi-preemptive garbage collector for solid state drives

J Lee, Y Kim, GM Shipman, S Oral ... - ... and **Software**, 2011 - ieeexplore.ieee.org

... interrupt incurs **context switching** overhead. Our proposed semi-preemption does **not** require ... To resume GC after **servicing** the incoming request, the **context** of GC needs to be stored. ...

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Mobility for Valencia City Centre–a Case Study

JL Miralles, JZ Orellana Saraguro - REAL CORP 2017–PANTA RHEI–A ..., 2017 - core.ac.uk

... València City has also its mobility plan6 but this plan did **not apply** the theory of **superblocks**... **application** of theory of **superblocks** and traffic design based in traffic network offer to **apply** ...

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Study Protocol for the Evaluation of the Health Effects of **Superblocks** in Barcelona: The "Salut Als Carrers"(Health in the Streets) Project

L Palencia, BB León-Gómez, X Bartoll... - International Journal of ..., 2020 - mdpi.com

... Horta was the only **superblock** in which **no** interventions had ... **NO 2** have diminished in the Sant Antoni **superblock**. Air pollution will also be measured in Horta and in future **superblocks**. ...

☆ Save 99 Cite Cited by 3 Related articles All 8 versions »

Code cache management in dynamic optimization systems

KH Cettei - 2004 - search.proquest.com

... in **software**-managed code caches in order to maximize reuse of transformed code. Code caches store **superblocks** that are **not** ... the overhead of **superblock** generation, **context switches**, ...

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Interchain: A Scalable Business-Oriented Framework for Internet of Things

AM Golpayegani, M Zarei, A Souri - Blockchain for Cybersecurity ..., 2020 - taylorfrancis.com

... **Superblocks** are the domain holders of end nodes and brokers. Each **superblock** has a public ... The VO is **not** a part of the **superblock**, and it could be located anywhere within the cloud. ...

☆ Save 99 Cite Related articles »

Linux security module framework

C Wright, C Cowan, J Morris, S Smalley ... - Ottawa Linux ..., 2002 - Citeseer

... ‡ This work represents the view of the authors and does **not** ... () **super block** hook is called to verify that the filesys- ... , such as file access, **context switching**, and memory movement. ...

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Urbanism and **Superblock** Mixed-Use Development in Jakarta: Politics of Gentrification of Post-Suharto Indonesia

B Wiryomartono - Traditions and Transformations of Habitation in ..., 2020 - Springer

... the relationship between **superblock** development and ... the question: Why is **superblock** development **not** the data for the ... use through **superblock** developments in Jakarta does **not** fit ...

☆ Save 99 Cite Related articles »

Towards the Post-Pandemic (Healthy) City: Barcelona's Poblenou **Superblock** Challenges and Opportunities

F Camerin, LMF Fabris - ... 2: Housing and ..., 2021 - bristoluniversitypressdigital.com

... There has **not** yet been a large public survey to examine the role ... **Superblocks** can play in providing a more inclusive, resilient, healthy, sustainable, and safer environment in the **context** ...

☆ Save 99 Cite Cited by 1 Related articles All 4 versions »

Method and apparatus for determining branch addresses in programs generated by binary translation

M Gschwind - IBM Invention Disclosure YOR8-1998-0334, Yorktown …, 1998 - Citeseer

… as pages, treegions, or **superblocks**) and accounts for changes in … it eliminates expensive **context switches** between user and … A secure environment does **not** require that **software** miss …

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Group sharing and random access in cryptographic storage file systems

KE Fu - 1999 - dspace.mit.edu

… **not** the data are valid. If this magic number is **not** intact, we know something disturbed the **superblock**. … , much **context switching** could be avoided. But an in-kernel implementation would …

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Crafting a planning issue with citizens in the **context** of planning competition: a case of 'Nordic **Superblock**'

J Sjöblom, J Kuoppa, M Laine, E Alatalo - Journal of Urban Design, 2021 - Taylor & Francis

... In this case, the **superblock** issue was **not** turned into a political problem or conflict that ... **not** happen in the trajectory of Nordic **Superblock**. One implication of this was that the **superblock** ...

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Superblocks, neighbourhood units and residential islands as fragments of the collage city: Housing estates in Italy and Spain in the 1960s

C Díez, J Monclús, I Ezquerra... - ... Planning History Society ..., 2018 - journals.open.tudelft.nl

... **not** so new; the modernist city was initially thought of as an organic system of aggregrated 'urban cells' shaped like **superblocks**, ... or **superblocks — whether** planned that way or **not —** ...

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Exploring code cache eviction granularities in dynamic optimization systems

K Hazelwood, JE Smith - International Symposium on Code ..., 2004 - ieeexplore.ieee.org

... Dynamic optimization systems store optimized or translated code in a **software**-managed ... Code caches store **superblocks** that are **not** fixed in size, may contain links to other **superblocks**...

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Pointless tainting? evaluating the practicality of pointer tainting

A Slowinska, H Bos - Proceedings of the 4th ACM European conference ..., 2009 - dl.acm.org

... Moreover, we only check taint in registers during **context switch** time, probably again ... the object from the **superblock**'s list and release it to the slab allocator. **Without** going into detail, we ...

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SDFS-A Design and Architecture of Highly Scalable Distributed File System for Linux Cluster

O Suriyabhumi, P Uthayopas - 2001 - Citeseer

... LFS still uses **super block** and inode in the same concept as FFS, ... process **context switching** versus thread **context switching** of ... File **Service** Level and File System **Service** Level are **not** ...

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Building a music player: Teaching operating systems concepts via an Arduino-powered music player

J Seng - 2018 IEEE Frontiers in Education Conference (FIE), 2018 - ieeexplore.ieee.org

... students learn the concepts of the **superblock** and inodes, how to ... understanding of how a **context switch** occurs. Students find it ... **service** routines that do **not** have a prologue or epilogue. ...

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Mostly static program partitioning of binary executables

E Yardimci, M Franz - ACM Transactions on Programming Languages ..., 2009 - dl.acm.org

... our **superblocks** stipulates that they do **not** expand ... **not** easy to measure the actual time spent in each **superblock**, we are instead counting the number of dynamic entries to **superblocks**. ...

☆ Save 99 Cite Cited by 14 Related articles All 5 versions

Logchain: Blockchain-assisted log storage

W Pourmajidi, A Miranskyy - 2018 IEEE 11th International ..., 2018 - ieeexplore.ieee.org

... Clients using Infrastructure-as-a-**Service** do **not** have direct access to the bare-metal servers... Scalability Improvement: relying on **Superblocks**, many **Superblocks** can be generated at the ...

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Flexible Page-level Memory Access Monitoring Based on Virtualization Hardware

KLWZ XiaopingWang - just.edu.jo

… is **no context switch** overhead. The kernel can use the extended page table to prevent upper guest **applications** … • (I) When our memory allocator asks for **superblocks** from an OS using …

☆ Save 99 Cite Related articles All 3 versions »

Block Asynchronous I/O: A flexible infrastructure for user-level filesystems

M Sivathanu, V Venkataramani… - … Conference on High …, 2001 - Springer

… contains the **superblock** structure which main… **not** much is gained by asynchrony – instead the overhead of an external process intimating I/O completion and additional **context switching** …

☆ Save 99 Cite Cited by 4 Related articles All 14 versions

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/109,488	12/02/2020	Sivakumar CHATURVEDI	DAMA60-35048	2483

25883 7590 10/19/2022
MUNCK WILSON MANDALA L.L.P
P.O. Drawer 800889
DALLAS, TX 75380

EXAMINER	
DORAIS, CRAIG C	

ART UNIT	PAPER NUMBER
2194	

NOTIFICATION DATE	DELIVERY MODE
10/19/2022	ELECTRONIC

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

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

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

IPdocketing@munckwilson.com
admin@dalpat.com
eofficeaction@appcoll.com

Corrected ***Notice of Allowability***	**Application No.** 17/109,488	**Applicant(s)** CHATURVEDI et al.	
	Examiner CRAIG C DORAIS	**Art Unit** 2194	**AIA (FITF) Status** Yes

-- 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 07/20/2022.
   ☐ 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 2-21 . 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 _____.

/CRAIG C DORAIS/
Primary Examiner, Art Unit 2194

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	17/109,488	CHATURVEDI et al.
	Examiner	**Art Unit**
	CRAIG C DORAIS	2194

CPC						
Symbol					**Type**	**Version**
H04W	/	12	/	08	F	2013-01-01
G06F	/	9	/	54	I	2013-01-01
G06F	/	9	/	542	I	2013-01-01
G06F	/	9	/	541	I	2013-01-01
H04N	/	7	/	141	I	2013-01-01
H04L	/	65	/	1069	I	2013-01-01
H04L	/	65	/	1089	I	2013-01-01
G06F	/	9	/	44526	I	2013-01-01
H04M	/	1	/	724	I	2021-01-01
H04L	/	67	/	60	I	2022-05-01
G06F	/	15	/	167	I	2013-01-01
H04L	/	67	/	10	I	2013-01-01
G06F	/	21	/	00	I	2013-01-01
H04L	/	41	/	20	I	2013-01-01
H04L	/	41	/	28	I	2013-01-01
H04L	/	65	/	60	I	2013-01-01
H04L	/	63	/	0457	A	2013-01-01
H04N	/	2007	/	145	A	2013-01-01

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

NONE		**Total Claims Allowed:**	
(Assistant Examiner)	(Date)	20	
/CRAIG C DORAIS/ Primary Examiner, Art Unit 2194	14 October 2022	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	12	10

U.S. Patent and Trademark Office — Part of Paper No.: 20221014

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	17/109,488	CHATURVEDI et al.
	Examiner	**Art Unit**
	CRAIG C DORAIS	2194

INTERNATIONAL CLASSIFICATION				
CLAIMED				
G06F	/	9	/	54

NON-CLAIMED				
	/		/	

US ORIGINAL CLASSIFICATION	
CLASS	**SUBCLASS**

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

NONE (Assistant Examiner)	(Date)	**Total Claims Allowed:** 20	
/CRAIG C DORAIS/ Primary Examiner, Art Unit 2194 (Primary Examiner)	14 October 2022 (Date)	O.G. Print Claim(s) 12	O.G. Print Figure 10

U.S. Patent and Trademark Office — Part of Paper No.: 20221014

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	17/109,488	CHATURVEDI et al.
	Examiner	**Art Unit**
	CRAIG C DORAIS	2194

☐ 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	9	10	18	19										
1	2	10	11	19	20										
2	3	11	12	20	21										
3	4	12	13												
4	5	13	14												
5	6	14	15												
6	7	15	16												
7	8	16	17												
8	9	17	18												

NONE		**Total Claims Allowed:**	
(Assistant Examiner)	(Date)	20	
/CRAIG C DORAIS/ Primary Examiner, Art Unit 2194	14 October 2022	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	12	10

U.S. Patent and Trademark Office — Part of Paper No.: 20221014

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)

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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.
17/109,488	12/02/2020	Sivakumar CHATURVEDI	DAMA60-35048	2483

TITLE OF INVENTION: SYSTEM AND METHOD FOR PROVIDING ADDITIONAL FUNCTIONALITY TO EXISTING SOFTWARE IN AN INTEGRATED MANNER

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	$600	$0.00	$0.00	$600	01/05/2023

EXAMINER	ART UNIT	CLASS-SUBCLASS
DORAIS, CRAIG C	2194	719-313000

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/AIA/122 or PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/AIA/47 or PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list
(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,
(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)
DAMAKA, INC.	RICHARDSON, TEXAS

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)*

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☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. 50-0208

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 /Keith D. Harden, Reg. #74472/ Date January 3, 2023

Typed or printed name KEITH D. HARDEN Registration No. 74,472

PTOL-85 Part B (08-18) Approved for use through 01/31/2020 OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Electronic Patent Application Fee Transmittal

Application Number:	17109488
Filing Date:	02-Dec-2020
Title of Invention:	SYSTEM AND METHOD FOR PROVIDING ADDITIONAL FUNCTIONALITY TO EXISTING SOFTWARE IN AN INTEGRATED MANNER
First Named Inventor/Applicant Name:	Sivakumar CHATURVEDI
Filer:	Keith D. Harden
Attorney Docket Number:	DAMA60-35048

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:				
UTILITY APPL ISSUE FEE	2501	1	600	600

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Extension-of-Time:				
Miscellaneous:				
		Total in USD ($)		**600**

Electronic Acknowledgement Receipt	
EFS ID:	47305347
Application Number:	17109488
International Application Number:	
Confirmation Number:	2483
Title of Invention:	SYSTEM AND METHOD FOR PROVIDING ADDITIONAL FUNCTIONALITY TO EXISTING SOFTWARE IN AN INTEGRATED MANNER
First Named Inventor/Applicant Name:	Sivakumar CHATURVEDI
Customer Number:	25883
Filer:	Keith D. Harden
Filer Authorized By:	
Attorney Docket Number:	DAMA60-35048
Receipt Date:	03-JAN-2023
Filing Date:	02-DEC-2020
Time Stamp:	11:08:00
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	$600
RAM confirmation Number	E202313B08212420
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1	Issue Fee Payment (PTO-85B)	DAM35048IssueFeeTransmittal.pdf	1631562 238f4d337f30131a69b2226ff317d7b1394e8e2f	no	1
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	38127 4e8dba14c6d859b3df49bb90d111ff054f2b4902	no	2
Warnings:					
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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

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APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/109,488	02/07/2023	11576046	DAMA60-35048	2483

25883 7590 01/18/2023

MUNCK WILSON MANDALA L.L.P
P.O. Drawer 800889
DALLAS, TX 75380

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

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

The Patent Term Adjustment is 7 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Patents Stakeholder Experience (OPSE), Stakeholder Support Division (SSD) at (571)-272-4200.

INVENTOR(s) (Please see PAIR WEB site http://pair.uspto.gov for additional inventors):

Sivakumar CHATURVEDI, Allen, TX;
Satish GUNDABATHULA, Irving, TX;
Rashmi HIREMATH, Allen, TX;

APPLICANT(s) (Please see PAIR WEB site http://pair.uspto.gov for additional applicants):

DAMAKA, INC., Richardson, TX;

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