PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT7931763

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CONVERSANT WIRELESS LICENSING S.A R.L.	11/30/2022

RECEIVING PARTY DATA

Name:	CONVERSANT WIRELESS LICENSING LTD.
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Internal Address:	SUITE 247
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State/Country:	TEXAS
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PROPERTY NUMBERS Total: 25

Property Type	Number
Patent Number:	10637661
Patent Number:	11153081
Patent Number:	8136044
Patent Number:	8219876
Patent Number:	8081610
Patent Number:	8285266
Patent Number:	10659830
Patent Number:	10506252
Patent Number:	9118399
Patent Number:	9451265
Patent Number:	8396082
Patent Number:	9491739
Patent Number:	8085714
Patent Number:	9417934
Patent Number:	9112985
Patent Number:	8116386
Patent Number:	8363735
Patent Number:	9204388
Patent Number:	8370755

Property Type	Number
Patent Number:	8611934
Patent Number:	9078114
Patent Number:	8135745
Patent Number:	10609136
Patent Number:	9335965
Patent Number:	8799259

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NAME OF SUBMITTER:	JULIE MCLEOD
SIGNATURE:	/Julie McLeod/
DATE SIGNED:	05/02/2023

Total Attachments: 15

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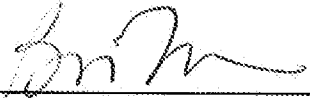source=CWS to CWL Patent Assignment FINAL November 2022#page15.tif

PATENT ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, Conversant Wireless Licensing S.à r.l., having a place of business at 12, rue Jean Engling, L-1466 Luxembourg ("**Assignor**"), does hereby sell, assign, transfer, and convey unto Conversant Wireless Licensing Ltd, having a place of business at 5830 Granite Parkway #100-247, Suite 247, Plano, Texas 75024 USA ("**Assignee**"), or its designees, all right, title, and interest that exist today and may exist in the future in and to any and all of the patents and applications listed in Exhibit 1, as well as the right to claim priority based on the applications, the same to be held and enjoyed by Assignee to the full end of the term for which said patents are granted, as fully and entirely as the same could have been held and enjoyed by Assignor if this assignment and sale had not been made, together with all rights of actions for past infringement thereof including the right to recover damages for said infringement subject to pre-existing rights of others.

IN TESTIMONY WHEREOF, Assignor has caused this assignment to be signed by its duly authorized officer this _3o_ᵗʰ day of November 2022.

ASSIGNOR:

Conversant Wireless Licensing S.à r.l.

Boris Teksler, Manager

County of ___Santa Clara___

City of ___Palo Alto___

On this _3oᵗʰ_ day of November 2022, before me appeared to me personally known who, being duly sworn, did depose and say that he is the Manager of Assignor as named in the Assignment above and that such Assignment was signed on behalf of Assignor, and such person acknowledged the Assignment to be the free and authorized act and deed of Assignor.

Notary Public _____

My commission expires: _please see attached CA notary page_

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

State of California

County of _____Santa Clara_____ }

On _____11/30/22_____ before me, _____Diana DiMatteo, Notary Public_____,
　　　　　　Date　　　　　　　　　　　　　*Here Insert Name and Title of the Officer*

personally appeared _____Boris Teksler_____
　　　　　　　　　　　　　Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

DIANA DIMATTEO
Notary Public - California
Santa Clara County
Commission # 2409659
My Comm. Expires Jul 2, 2026

Place Notary Seal and/or Stamp Above
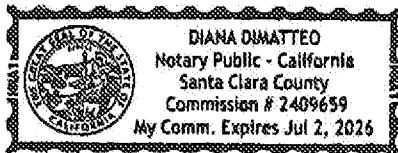
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____
　　　　　Signature of Notary Public

OPTIONAL

Completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document
Title or Type of Document: _____Patent Assignment_____

Document Date: _____11/30/22_____ Number of Pages: ___1___

Signer(s) Other Than Named Above: _____NA_____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____
☐ Corporate Officer – Title(s): _____
☐ Partner – ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian of Conservator
☐ Other: _____
Signer is Representing: _____

Signer's Name: _____
☐ Corporate Officer – Title(s): _____
☐ Partner – ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian of Conservator
☐ Other: _____
Signer is Representing: _____

PATENT
REEL: 063507 FRAME: 0903

EXHIBIT 1

CONVERSANT PORTFOLIO

Title	Country ID	Serial #	Filed Date	Patent #	Issue Date
PARTITIONING OF A COMMUNICATIONS NETWORK	US	10/296,808	4/26/2001	7,257,627	8/14/2007
SYSTEM AND METHOD FOR PROVIDING A CONNECTION IN A COMMUNICATION NETWORK	US	10/296,050	1/19/2001	7,782,818	8/24/2010
SETTING MODE OF COMMUNICATION	US	10/268,073	10/10/2002	7,181,202	2/20/2007
METHOD AND APPARATUS PROVIDING DECENTRALIZED, GOAL-ORIENTATED ADAPTIVE LEARNING IN AN ADAPTIVE ORTHOGONAL FREQUENCY DIVISION MULTIPLEX COMMUNICATION SYSTEM	US	10/732,066	12/10/2003	7,016,297	3/21/2006
ADAPTIVE METHOD AND ARRANGEMENT FOR IMPLEMENTING INCREMENTAL REDUNDANCY IN RECEPTION	US	09/790,468	2/22/2001	6,980,591	12/27/2005
METHOD AND SYSTEM FOR ALLOCATING CONVOLUTIONAL ENCODED BITS INTO SYMBOLS BEFORE MODULATION FOR WIRELESS COMMUNICATION	US	10/040,885	1/2/2002	6,981,202	12/27/2005
RLC/MAC PROTOCOL	US	10/476,704	12/9/2003	8,005,040	8/23/2011
GRAPHICAL USER INTERFACE FOR A MOBILE DEVICE	US	10/081,964	2/20/2002	7,007,242	2/28/2006
MOBILE TERMINAL DEVICE HAVING CAMERA SYSTEM	US	09/987,849	11/16/2001	8,049,816	11/1/2011
IMPROVING CELL CHANGE PROCEDURE IN GPRS, EGPRS, GERAN, ...	DE	60209316.3	12/4/2002	1318691	2/22/2006
METHOD AND APPARATUS FOR IMPROVING A MOBILE STATION CELL CHANGE OPERATION IN THE GENERAL PACKET RADIO SYSTEM (GPRS)	US	10/004,723	12/5/2001	7,447,181	11/4/2008
METHOD AND APPARATUS FOR IMPROVING A MOBILE STATION CELL CHANGE OPERATION IN THE GENERAL PACKET RADIO SYSTEM (GPRS)	US	12/290,844	11/3/2008	8,259,689	9/4/2012
METHOD, SYSTEM AND DEVICES FOR TRANSFERRING ACCOUNTING INFORMATION	US	10/601,337	6/20/2002	7,251,733	7/31/2007
SELECTING DATA FOR SYNCHRONIZATION AND FOR SOFTWARE CONFIGURATION	US	10/309,570	12/4/2002	7,320,011	1/15/2008
REGION-OF-INTEREST TRACKING METHOD AND DEVICE FOR WAVELET-BASED VIDEO CODING	US	10/293,976	11/12/2002	6,757,434	6/29/2004
PRIORITIZING LLC PDUS IN RLC/MAC	CN	200310119873.6	10/20/2003	200310119873.6	10/13/2010
PRIORITIZING LLC PDUS IN RLC/MAC	DE	60317992.4	10/17/2003	1411690	12/12/2007
METHOD AND DEVICE FOR TRANSFERRING DATA OVER GPRS NETWORK	US	10/687,209	10/16/2003	7,529,271	5/5/2009
CHANGE OF FREQUENCY RANGE IN A COMMUNICATIONS SYSTEM	US	10/168,601	12/15/2000	7,315,525	1/1/2008
USER INTERFACE	US	11/055,774	2/10/2005	7,253,802	8/7/2007
APPARATUS, AND ASSOCIATED METHOD, FOR COMMUNICATING FRAME-FORMATTED DATA AT A SELECTED QOS LEVEL IN A RADIO COMMUNICATION SYSTEM	US	10/308,921	12/3/2002	7,272,113	9/18/2007
SYSTEMS AND METHODS FOR CHARACTERIZING TELEVISION PREFERENCES OVER A WIRELESS NETWORK	US	09/612,870	7/10/2000	6,918,131	7/12/2005
METHOD AND ARRANGEMENT FOR ENTERING DATA IN AN ELECTRONIC APPARATUS AND AN ELECTRONIC APPARATUS	US	09/892,000	6/26/2001	6,956,506	10/18/2005
FILTERING OF ELECTRONIC INFORMATION TO BE TRANSFERRED TO A TERMINAL	US	09/727,560	12/1/2000	6,947,396	9/20/2005
OPTIMIZED SLEEP MODE OPERATION	US	09/759,776	1/12/2001	7,035,234	4/25/2006

Title	Country ID	Serial #	Filed Date	Patent #	Issue Date
ALLOCATING DATA TRANSMISSION RESOURCES IN PACKET-SWITCHED DATA TRANSMISSION	US	09/888,884	6/25/2001	7,460,475	12/2/2008
METHOD AND APPARATUS FOR COMMON PACKET CHANNEL ASSIGNMENT	US	09/790,485	2/22/2001	7,079,507	7/18/2006
DATA PACKET NUMBERING IN PACKET-SWITCHED DATA TRANSMISSION	US	09/827,185	4/5/2001	6,930,980	8/16/2005
TRANSMISSION OF THE FIXED SIZE PDUS THROUGH THE TRANSPARENT RLC	US	09/821,788	3/29/2001	6,950,420	9/27/2005
SYSTEM AND METHOD FOR TRANSMITTING INFORMATION IN A COMMUNICATION NETWORK	US	10/683,352	10/14/2003	7,460,472	12/2/2008
DATA PROCESSING METHOD	US	10/010,429	12/3/2001	7,269,226	9/11/2007
RELOCATING CONTEXT INFORMATION IN HEADER COMPRESSION	US	12/265,905	11/6/2008	RE46,125	10/30/2007
RELOCATING CONTEXT INFORMATION IN HEADER COMPRESSION	US	15/208,233	7/12/2016	RE47,719	10/30/2007
MULTIMEDIA MESSAGING METHOD AND SYSTEM	US	10/149,639	2/8/2002	8,150,989	4/3/2012
TRANSMISSION OF COMPRESSION IDENTIFIER OF HEADERS ON DATA PACKET CONNECTION	US	10/179,789	6/24/2002	7,301,947	11/27/2007
LOCATION INFORMATION SERVICE FOR A CELLULAR TELECOMMUNICATIONS NETWORK	US	10/029,940	12/31/2001	7,072,667	7/4/2006
MULTI COLOURS DEVICE ILLUMINATION	US	11/631,205	6/28/2005	8,167,458	5/1/2012
APPARATUS, AND ASSOCIATED METHOD, FOR DEMONSTRATING AN OPERATIONAL CAPABILITY OF A RADIO DEVICE	US	11/032,506	1/10/2005	7,418,259	8/26/2008
SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR THE DELIVERY OF MEDIA CONTENT	US	14/149,854	1/8/2014	9,419,926	8/15/2016
FAST DIGITAL IMAGE DITHERING METHOD THAT MAINTAINS A SUBSTANTIALLY CONSTANT VALUE OF LUMINANCE	US	10/104,963	3/21/2002	7,038,814	5/2/2006
TRANSFER OF PACKET DATA TO WIRELESS TERMINAL	DE	60342177.6	4/8/2003	1493252	9/26/2012
USING APPLICATION LEVEL SIGNALLING INFORMATION IN PACKET FILTERING IN GATEWAY NODE	MX	2004/009736	4/8/2003	263361	12/19/2008
TRANSFER OF PACKET DATA TO WIRELESS TERMINAL	US	10/957,777	10/4/2004	7,643,456	1/5/2010
SYSTEM AND METHOD FOR IMPROVED UPLINK SIGNAL DETECTION AND REDUCED UPLINK SIGNAL POWER	MX	PA/A/05/008613	2/12/2004	264583	2/16/2009
SYSTEM AND METHOD FOR IMPROVED UPLINK SIGNAL DETECTION AND REDUCED UPLINK SIGNAL POWER	US	10/776,170	2/12/2004	7,069,038	6/27/2006
COOKIES OR LIBERTY ENABLER FOR PROCESSING ALL CONNECTIONS BETWEEN USER/AGENT AND ORIGIN SERVER IN A WIRELESS NETWORK FOR ENABLING COOKIES OR LIBERTY SUPPORT SERVICES FOR USERS/AGENTS	US	10/412,622	4/11/2003	7,164,685	1/16/2007
METHOD AND APPARATUS TO REPRESENT AND USE RIGHTS FOR CONTENT/MEDIA ADAPTATION/TRANSFORMATION	US	10/456,944	6/6/2003	9,553,879	1/24/2017
METHOD AND APPARATUS FOR PROVIDING INPUTS TO A COMMUNICATION OR COMPUTING DEVICE	US	10/681,585	10/7/2003	7,356,769	4/8/2008
MODEL BASED CODE COMPRESSION	US	10/684,267	10/9/2003	6,917,315	7/12/2005
SYSTEM AND METHOD FOR USER NOTIFICATION	US	10/607,618	6/27/2003	7,660,864	2/9/2010
METHOD AND SYSTEM FOR PRODUCING A GRAPHICAL PASSWORD, AND A TERMINAL DEVICE	US	10/871,445	6/18/2004	7,376,899	5/20/2008

PATENT
REEL: 063507 FRAME: 0906

Title	Country ID	Serial #	Filed Date	Patent #	Issue Date
METHOD AND APPARATUS PROVIDING ENHANCED RADIO LINK CONTROL ACKNOWLEDGMENT	US	10/441,335	5/19/2003	6,859,449	2/22/2005
DETECTION OF END OF UTTERANCE IN SPEECH RECOGNITION SYSTEM	US	10/844,211	5/12/2004	9,117,460	8/25/2015
SYSTEM AND METHOD FOR PROVIDING SELECTION DIVERSITY FOR MULTICASTING CONTENT	MX	PA/A/2006/003854	10/6/2003	259591	8/13/2008
METHOD AND A DEVICE FOR RECONFIGURATION IN A WIRELESS SYSTEM	US	10/574,989	10/6/2003	7,936,715	5/3/2011
METHOD AND A DEVICE FOR REPORTING THE NUMBER OF CORRECTLY DECODED TRANSPORT BLOCKS IN A WIRELESS SYSTEM	US	10/579,602	11/16/2004	8,310,933	11/13/2012
METHOD AND ARRANGEMENT FOR IMPLEMENTING MINIMUM ACTIVITY DURING DISCONTINOUS TRANSMISSION	US	10/587,820	1/30/2004	7,706,313	4/27/2010
SYSTEM AND METHOD FOR ESTABLISHING PEER TO PEER CONNECTIONS BETWEEN PCS AND SMART PHONES USING NETWORKS WITH OBSTACLES	US	14/484,510	9/12/2014	9,258,362	2/9/2016
TEXT MESSAGING DEVICE	US	10/875,607	6/25/2004	7,502,632	3/10/2009
USER INTERFACE	US	13/531,702	6/25/2012	8,391,929	3/5/2013
SYSTEM AND METHOD FOR PROVIDING SELECTION DIVERSITY FOR MULTICASTING CONTENT	CN	200380102135.9	10/27/2003	100477817	4/8/2009
SYSTEM AND METHOD FOR PROVIDING SELECTION DIVERSITY FOR MULTICASTING CONTENT	JP	2010-113920	10/27/2003	5530805	4/25/2014
SYSTEM AND METHOD FOR PROVIDING SELECTION DIVERSITY FOR MULTICASTING CONTENT	MX	PA/A/2005/004382	10/27/2003	260168	9/2/2008
SYSTEM AND METHOD FOR PROVIDING SELECTION DIVERSITY FOR MULTICASTING CONTENT	US	10/281,200	10/28/2002	7,606,205	10/20/2009
TERMINAL SETTING CHANGE NOTIFICATION	US	10/855,614	5/28/2004	8,289,877	10/16/2012
TERMINAL SETTING CHANGE NOTIFICATION	US	16/126,417	9/10/2018	10,735,950	8/4/2020
COMPENSATION OF TRANSIENT EFFECTS IN TRANSFORM CODING	US	11/039,391	1/18/2005	7,386,445	6/10/2008
METHODS OF FACILITATING HANDOFF FOR CDMA NETWORKS USING IP PROTOCOLS	US	10/920,444	8/18/2004	8,619,701	12/31/2013
METHOD AND A DEVICE FOR TRANSFERRING SIGNALLING INFORMATION IN A TDMA BASED SYSTEM	US	11/578,731	4/19/2004	8,014,365	9/6/2011
ACTIVE SET UPDATE (ASU) WITH HIGH SPEED DOWNLINK SHARED CHANNEL (HS-DSCH) INFORMATION	DE	602005050969.0	9/27/2005	1795039	12/21/2016
ACTIVE SET UPDATE (ASU) WITH HIGH SPEED DOWNLINK SHARED CHANNEL (HS-DSCH) INFORMATION	DE	16195373.2	9/27/2005	602005056205.2	8/28/2019
ACTIVE SET UPDATE (ASU) WITH HIGH SPEED DOWNLINK SHARED CHANNEL (HS-DSCH) INFORMATION	DE	602005057190.6	9/27/2005	3582550	4/7/2021
ACTIVE SET UPDATE (ASU) WITH HIGH SPEED DOWNLINK SHARED CHANNEL (HS-DSCH) INFORMATION	FR	05804706.9	9/27/2005	1795039	12/21/2016
ACTIVE SET UPDATE (ASU) WITH HIGH SPEED DOWNLINK SHARED CHANNEL (HS-DSCH) INFORMATION	FR	16195373.2	9/27/2005	3145245	8/28/2019
ACTIVE SET UPDATE (ASU) WITH HIGH SPEED DOWNLINK SHARED CHANNEL (HS-DSCH) INFORMATION	GB	05804706.9	9/27/2005	1795039	12/21/2016

Title	Country ID	Serial #	Filed Date	Patent #	Issue Date
ACTIVE SET UPDATE (ASU) WITH HIGH SPEED DOWNLINK SHARED CHANNEL (HS-DSCH) INFORMATION	GB	16195373.2	9/27/2005	3145245	8/28/2019
ACTIVE SET UPDATE (ASU) WITH HIGH SPEED DOWNLINK SHARED CHANNEL (HS-DSCH) INFORMATION	GB	19183313.6	9/27/2005	3582550	4/7/2021
ACTIVE STATE UPDATE (ASU) WITH HIGH SPEED DOWNLINK SHARED CHANNEL (HS-DSCH) INFORMATION	PK	226/2013	9/27/2005	142684	2/8/2018
ACTIVE SET UPDATE (ASU) WITH HIGH SPEED DOWNLINK SHARED CHANNEL (HS-DSCH) INFORMATION	US	11/237,643	9/27/2005	9,980,190	5/22/2018
ACTIVE SET UPDATE (ASU) WITH HIGH SPEED DOWNLINK SHARED CHANNEL (HS-DSCH) INFORMATION	US	15/955,051	4/17/2018	10,609,614	3/31/2020
SLOW MAC-E FOR AUTONOMOUS TRANSMISSION IN HIGH SPEED UPLINK PACKET ACCESS (HSUPA) ALONG WITH SERVICE SPECIFIC TRANSMISSION TIME CONTROL	CN	200580038621.8	9/30/2005	200580038621.8	4/20/2016
SLOW MAC-E FOR AUTONOMOUS TRANSMISSION IN HIGH SPEED UPLINK PACKET ACCESS WITH SERVICE SPECIFIC TRANSMISSION TIME CONTROL	CN	201610182839.0	9/30/2005	105743622	10/11/2019
SLOW MAC-E FOR AUTONOMOUS TRANSMISSION IN HIGH SPEED UPLINK PACKET ACCESS (HSUPA) ALONG WITH SERVICE SPECIFIC TRANSMISSION TIME CONTROL	DE	602005045846.8	9/30/2005	1797659	2/18/2015
SLOW MAC-E FOR AUTONOMOUS TRANSMISSION IN HIGH SPEED UPLINK PACKET ACCESS (HSUPA) ALONG WITH SERVICE SPECIFIC TRANSMISSION TIME CONTROL	FR	05805638.3	9/30/2005	1797659	2/18/2015
SLOW MAC-E FOR AUTONOMOUS TRANSMISSION IN HIGH SPEED UPLINK PACKET ACCESS (HSUPA) ALONG WITH SERVICE SPECIFIC TRANSMISSION TIME CONTROL	FR	14197908.8	9/30/2005	2866491	2/27/2019
SLOW MAC-E FOR AUTONOMOUS TRANSMISSION IN HIGH SPEED UPLINK PACKET ACCESS (HSUPA) ALONG WITH SERVICE SPECIFIC TRANSMISSION TIME CONTROL	GB	05805638.3	9/30/2005	1797659	2/18/2015
SLOW MAC-E FOR AUTONOMOUS TRANSMISSION IN HIGH SPEED UPLINK PACKET ACCESS (HSUPA) ALONG WITH SERVICE SPECIFIC TRANSMISSION TIME CONTROL	GB	14197908.8	9/30/2005	2866491	2/27/2019
SLOW MAC-E FOR AUTONOMOUS TRANSMISSION IN HSUPA	JP	2007-534106	9/30/2005	4527779	6/11/2010
SLOW MAC-E FOR AUTONOMOUS TRANSMISSION IN HSUPA	KR	10-2007-7009704	9/30/2005	0929145	11/23/2009
SLOW MAC-E FOR AUTONOMOUS TRANSMISSION IN HIGH SPEED UPLINK PACKET ACCESS (HSUPA) ALONG WITH SERVICE SPECIFIC TRANSMISSION TIME CONTROL	NL	05805638.3	9/30/2005	1797659	2/18/2015
SLOW MAC-E FOR AUTONOMOUS TRANSMISSION IN HIGH SPEED UPLINK PACKET ACCESS (HSUPA) ALONG WITH SERVICE SPECIFIC TRANSMISSION TIME CONTROL	US	11/239,706	9/29/2005	7,804,850	9/28/2010

Title	Country ID	Serial #	Filed Date	Patent #	Issue Date
RADIO CHANNEL ALLOCATION AND LINK ADAPTATION IN CELLULAR TELECOMMUNICATION SYSTEM	US	11/642,551	12/21/2006	8,320,947	11/27/2012
STRESS RELEASE FEATURE FOR PWBS	US	10/306,155	11/29/2002	6,921,867	7/26/2005
TRANSPORT FORMAT DATA TRANSMISSION	US	10/534,102	11/7/2002	7,643,448	1/5/2010
MOBILE CELLULAR TELEPHONE WITH A DISPLAY THAT IS CONTROLLED PARTLY BY AN INCLINE SENSOR	US	10/572,710	9/17/2003	10,372,313	8/6/2019
HANDPORTABLE CELLULAR TELEPHONE ADAPTED TO RECEIVE MESSAGES AND A METHOD FOR PROCESSING MESSAGES	US	10/655,457	9/3/2003	7,330,713	2/12/2008
CHANNEL EQUALIZATION	US	10/590,039	2/20/2004	7,936,851	5/3/2011
SLIDE ASSEMBLY	US	10/873,565	6/22/2004	7,369,884	5/6/2008
VIRTUAL RADIO	US	10/879,619	6/29/2004	7,409,205	8/5/2008
METHOD AND DEVICE FOR VERIFYING THE INTEGRITY OF PLATFORM SOFTWARE OF AN ELECTRONIC DEVICE	US	11/791,285	11/22/2004	8,954,738	2/10/2015
METHOD AND DEVICE FOR VERIFYING THE INTEGRITY OF PLATFORM SOFTWARE OF AN ELECTRONIC DEVICE	US	14/503,264	9/30/2014	9,438,608	9/6/2016
METHOD AND DEVICE FOR VERIFYING THE INTEGRITY OF PLATFORM SOFTWARE OF AN ELECTRONIC DEVICE	US	15/847,284	12/19/2017	10,482,238	11/19/2019
METHOD AND DEVICE FOR VERIFYING THE INTEGRITY OF PLATFORM SOFTWARE OF AN ELECTRONIC DEVICE	US	16/591,192	10/2/2019	11,126,710	9/21/2021
CONTROLLING TRANSMISSION RESOURCES IN MOBILE RADIO SYSTEMS WITH DUALTRANSFER MODE	US	10/530,256	4/8/2004	8,712,423	4/29/2014
ELECTRONIC DEVICE AND A METHOD FOR CONTROLLING THE FUNCTIONS OF THE ELECTRONIC DEVICE AS WELL AS PROGRAM PRODUCT FOR IMPLEMENTING THE METHOD	US	16/167,042	10/22/2018	10,768,714	9/8/2020
MULTIMEDIA PRESENTATION EDITOR FOR A SMALL-DISPLAY COMMUNICATION TERMINAL OR COMPUTING DEVICE	US	10/694,715	10/27/2003	8,065,616	11/22/2011
A METHOD FOR IDENTIFYING AND RETRANSMITTING MISSING PARTS OFAN OBJECT WITHIN OR OUTSIDE OF A FLUTE SESSION	MX	PA/a/06/008486	2/11/2005	272568	12/9/2009
IDENTIFICATION AND RE-TRANSMISSION OF MISSING PARTS	US	10/778,926	2/13/2004	7,599,294	10/6/2009
MESSAGE HANDLING	US	10/558,659	3/23/2005	8,073,114	12/6/2011
MESSAGE HANDLING	US	13/311,075	12/5/2011	9,602,451	3/21/2017
HIGH POWER LIGHT-EMITTING DIODE PACKAGE AND METHODS FOR MAKING SAME	US	11/118,970	4/29/2005	7,202,505	4/10/2007
MEMORY ASSOCIATION TO FOLDER INFORMATION	US	14/310,278	6/20/2014	9,253,292	2/2/2016
DISPLAYING AN IMAGE USING MEMORY CONTROL UNIT	US	11/110,984	4/20/2005	7,394,465	7/1/2008
SYSTEM AND METHOD FOR AUTOMATIC FORMAT SELECTION FOR DIGITAL PHOTOGRAPHS	US	11/010,984	12/13/2004	8,040,395	10/18/2011
SYSTEM AND METHOD FOR AUTOMATIC FORMAT SELECTION FOR DIGITAL PHOTOGRAPHS	HK	13102993.8	12/13/2005		
CONTEXT DATA IN UPNP SERVICE INFORMATION	US	15/042,825	2/12/2016	10,476,939	11/12/2019
METHOD AND DEVICE FOR ENHANCING RING TONES IN MOBILE TERMINALS	US	10/949,700	9/23/2004	7,356,373	4/8/2008

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MOBILE COMMUNICATIONS TERMINAL AND METHOD WITH AUTOMATIC RETURN TO A POSITION AFTER SCROLLING	US	15/805,403	11/7/2017	10,684,763	6/16/2020
PROVIDING SERVICE DISTRIBUTION BETWEEN DISTRIBUTED APPLICATIONS	US	11/023,315	12/27/2004	7,493,373	2/17/2009
PROCESSING COPYRIGHT NOTICE OF MEDIA FILE	US	14/474,168	8/31/2014	9,633,181	4/25/2017
SELECTING DATA FOR SYNCHRONIZATION	US	11/124,658	5/9/2005	7,483,925	1/27/2009
USER-INTERFACE APPLICATION FOR MEDIA FILE MANAGEMENT	US	10/951,089	9/27/2004	7,890,889	2/15/2011
GROUP EDITING OF MEDIA CONTENT STORED ON WIRELESS PORTABLE DEVICES	US	10/970,329	10/21/2004	9,591,345	3/7/2017
GROUP EDITING OF MEDIA CONTENT STORED ON WIRELESS PORTABLE DEVICES	US	15/414,856	1/25/2017	10,623,797	4/14/2020
SYSTEM, METHOD, APPARATUS, AND COMPUTER PROGRAM PRODUCT FOR PROVIDING A SOCIAL NETWORK DIAGRAM IN A P2P NETWORK DEVICE	US	11/539,454	10/6/2006	9,537,943	1/3/2017
METHOD, APPARATUS, AND COMPUTER PROGRAM PRODUCT FOR PROVIDING MOTION ESTIMATOR FOR VIDEO ENCODING	US	11/535,647	9/27/2006	9,307,122	4/5/2016
METHOD, APPARATUS, AND COMPUTER PROGRAM PRODUCT FOR PROVIDING MOTION ESTIMATOR FOR VIDEO ENCODING	US	15/052,198	2/24/2016	9,549,199	1/17/2017
METHOD, APPARATUS, AND COMPUTER PROGRAM PRODUCT FOR PROVIDING MOTION ESTIMATOR FOR VIDEO ENCODING	US	15/370,127	12/6/2016	10,820,012	10/27/2020
FREQUENCY LAYER CONVERGENCE METHOD FOR MBMS	MX	PA/a/06/011811	4/15/2005	272155	11/26/2009
FREQUENCY LAYER CONVERGENCE METHOD FOR MBMS	US	10/935,323	9/8/2004	8,300,593	10/30/2012
ENHANCED PRENOTIFICATION PROCEDURE FOR GERAN MBMS	CN	200580035945.6	9/14/2005	100546409	9/30/2009
ENHANCED PRE-NOTIFICATION PROCEDURE FOR GERAN MBMS	US	11/226,566	9/14/2005	7,684,357	3/23/2010
DETERMINATION AND USE OF ADAPTIVE THRESHOLDS FOR RECEIVED MESSAGES	US	11/347,655	2/3/2006	7,489,657	2/10/2009
METHOD, APPARATUS AND COMPUTER PROGRAM FOR TERMINATING MOBILE STATION RECEIPT OF MULTIMEDIA BROADCAST/MULTIMEDIA SERVICE (MBMS) SERVICE BEARER	US	11/397,539	4/4/2006	8,626,153	1/7/2014
FIXED HS-DSCH OR E-DCH ALLOCATION FOR VOIP (OR HS-DSCH WITHOUT HS-SCCH/E-DCH WITHOUT E-DPCCH)	CN	200680014086.7	4/25/2006	101167313	1/20/2016
FIXED HS-DSCH OR E-DCH ALLOCATION FOR VOIP	CN	2015110297555	4/25/2006	105451266	6/1/2021
FIXED HS-DSCH OR E-DCH ALLOCATION FOR VOIP (OR HS-DSCH WITHOUT HS-SCCH/E-DCH WITHOUT E-DPCCH)	DE	06744560.1	4/25/2006	1878177	6/21/2017
FIXED HS-DSCH OR E-DCH ALLOCATION FOR VOIP (OR HS-DSCH WITHOUT HS-SCCH/E-DCH WITHOUT E-DPCCH)	DE	602006057743.5	4/25/2006	3197206	4/3/2019
FIXED HS-DSCH OR E-DCH ALLOCATION FOR VOIP (OR HS-DSCH WITHOUT HS-SCCH/E-DCH WITHOUT E-DPCCH)	DE	602006057694.3	4/25/2006	3267722	3/27/2019
FIXED HS-DSCH OR E-DCH ALLOCATION FOR VOIP (OR HS-DSCH WITHOUT HS-SCCH/E-DCH WITHOUT E-DPCCH)	DE	602006060074.7	4/25/2006	3582542	5/26/2021
FIXED HS-DSCH OR E-DCH ALLOCATION FOR VOIP (OR HS-DSCH WITHOUT HS-SCCH/E-DCH WITHOUT E-DPCCH)	GB	06744560.1	4/25/2006	1878177	6/21/2017

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FIXED HS-DSCH OR E-DCH ALLOCATION FOR VOIP (OR HS-DSCH WITHOUT HS-SCCH/E-DCH WITHOUT E-DPCCH)	GB	17161422.5	4/25/2006	3197206	4/3/2019
FIXED HS-DSCH OR E-DCH ALLOCATION FOR VOIP (OR HS-DSCH WITHOUT HS-SCCH/E-DCH WITHOUT E-DPCCH)	GB	17188898.5	4/25/2006	3267722	3/27/2019
FIXED HS-DSCH OR E-DCH ALLOCATION FOR VOIP (OR HS-DSCH WITHOUT HS-SCCH/E-DCH WITHOUT E-DPCCH)	GB	19166631.2	4/25/2006	3582542	5/26/2021
FIXED HS-DSCH OR E-DCH ALLOCATION FOR VOIP (OR HS-DSCH WITHOUT HS-SCCH/E-DCH WITHOUT E-DPCCH)	JP	2008-508320	4/25/2006	4634504	11/26/2010
FIXED HS-DSCH OR E-DCH ALLOCATION FOR VOIP (OR HS-DSCH WITHOUT HS-SCCH/E-DCH WITHOUT E-DPCCH)	US	11/411,995	4/25/2006	8,804,505	8/12/2014
FIXED HS-DSCH OR E-DCH ALLOCATION FOR VOIP (OR HS-DSCH WITHOUT HS-SCCH/E-DCH WITHOUT E-DPCCH)	US	14/330,211	7/14/2014	9,763,231	9/12/2017
FIXED HS-DSCH OR E-DCH ALLOCATION FOR VOIP (OR HS-DSCH WITHOUT HS-SCCH/E-DCH WITHOUT E-DPCCH)	US	15/611,214	6/1/2017	10,244,516	3/26/2019
FIXED HS-DSCH OR E-DCH ALLOCATION FOR VOIP (OR HS-DSCH WITHOUT HS-SCCH/E-DCH WITHOUT E-DPCCH)	US	16/247,701	1/15/2019	10,548,119	1/28/2020
FIXED HS-DSCH OR E-DCH ALLOCATION FOR VOIP (OR HS-DSCH WITHOUT HS-SCCH/E-DCH WITHOUT E-DPCCH)	US	16/720,726	12/19/2019	10,952,191	3/16/2021
APPARATUS, METHOD AND COMPUTER PROGRAM PRODUCT PROVIDING SIMULTANEOUS RADIO RESOURCE AND SERVICE REQUESTS	US	11/506,741	8/18/2006	9,420,612	8/16/2016
APPARATUS, METHOD AND COMPUTER PROGRAM PRODUCT PROVIDING SIMULTANEOUS RADIO RESOURCE AND SERVICE REQUESTS	US	15/205,861	7/8/2016	10,154,527	12/11/2018
METHOD OF CONTROLLING RADIO RESOURCES, AND RADIO SYSTEM	US	11/976,431	10/24/2007	8,199,660	6/12/2012
ELECTRONIC DEVICE HAVING A CELLULAR COMMUNICATION MODE AND A RADIO COMMUNICATION MODE	US	11/885,291	3/17/2005	9,402,272	7/26/2016
INPUT DEVICE	US	11/317,673	12/22/2005	9,086,779	7/21/2015
MOBILE COMMUNICATION TERMINAL	US	11/071,503	3/3/2005	7,210,618	5/1/2007
DETECTING PRESENCE/ABSENCE OF AN INFORMATION SIGNAL	CN	200680034317.0	9/11/2006		
MULTI-PART RADIO APPARATUS	US	12/310,752	9/6/2006	9,531,057	12/27/2016
MULTI-PART RADIO APPARATUS	US	16/213,167	12/7/2018	10,601,114	3/24/2020
TRANSACTION CONTROL ARRANGEMENT FOR DEVICE MANAGEMENT SYSTEM	US	11/011,575	12/14/2004	8,180,927	5/15/2012
TRANSACTION CONTROL ARRANGEMENT FOR DEVICE MANAGEMENT SYSTEM	US	14/175,837	2/7/2014	9,519,508	12/13/2016
MOBILE COMMUNICATION TERMINAL	US	11/100,832	4/7/2005	7,400,908	7/15/2008
METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT PROVIDING AN APPLICATION INTEGRATED MOBILE DEVICE SEARCH SOLUTION USING CONTEXT INFORMATION	US	11/182,934	7/14/2005	10,769,215	9/8/2020
CRADLE FOR MOBILE PHONES	US	11/814,537	1/24/2005	8,224,408	7/17/2012
SYSTEM AND METHOD FOR SEPARATING CODE SHARING AND ACTIVE APPLICATIONS IN AN OSGI SERVICE PLATFORM	US	11/113,561	4/25/2005	7,984,419	7/19/2011
PORTABLE ELECTRONIC DEVICE	US	11/230,069	9/19/2005	7,507,044	3/24/2009
METHOD AND APPARATUS FOR PICTORIAL IDENTIFICATION OF A COMMUNICATION EVENT	US	11/302,509	12/12/2005	8,571,320	10/29/2013

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METHOD, DEVICE, AND SYSTEM FOR MULTIPLEXING OF VIDEO STREAMS	US	14/266,124	4/30/2014	9,509,996	11/29/2016
SYSTEM AND METHOD FOR ENABLING THE FAST EXTRACTION OF INTERLEAVED IMAGE DATA	US	14/662,311	3/19/2015	9,619,414	4/11/2017
TEXT ENTRY FOR ELECTRONIC DEVICES	US	12/086,312	12/8/2005	8,428,359	4/23/2013
TEXT ENTRY FOR ELECTRONIC DEVICES	US	13/748,052	1/23/2013	9,360,955	6/7/2016
TRANSPORT MECHANISMS FOR DYNAMIC RICH MEDIA SCENES	US	11/474,816	6/26/2006	8,239,558	8/7/2012
LIMITING ACCESS TO NETWORK FUNCTIONS BASED ON PERSONAL CHARACTERISTICS OF THE USER	US	11/298,970	12/9/2005	7,991,895	8/2/2011
METHOD OF CONTROLLING A MOBILE TERMINAL, AND AN ASSOCIATED MOBILE TERMINAL	US	13/950,322	7/25/2013	9,357,351	5/31/2016
METHOD OF CONTROLLING A MOBILE TERMINAL, AND AN ASSOCIATED MOBILE TERMINAL	US	15/154,262	5/13/2016	10,716,115	7/14/2020
ELECTRONIC DEVICE FOR IDENTIFYING A PARTY	US	14/251,761	4/14/2014	9,083,786	7/14/2015
APPARATUS, METHOD AND COMPUTER PROGRAM PRODUCT FOR GENERATING A THUMBNAIL REPRESENTATION OF A VIDEO SEQUENCE	US	11/328,617	1/10/2006	8,032,840	10/4/2011
APPARATUS, METHOD AND COMPUTER PROGRAM PRODUCT FOR GENERATING A THUMBNAIL REPRESENTATION OF A VIDEO SEQUENCE	US	14/046,795	1/10/2006	RE47421	10/4/2011
VIDEO IMPORTANCE RATING BASED ON COMPRESSED DOMAIN VIDEO FEATURES	US	11/476,114	6/28/2006	8,059,936	11/15/2011
MOBILE COMMUNICATION TERMINAL AND METHOD THEREFORE	US	15/094,237	4/8/2016	10,484,523	11/19/2019
GROUP COMMUNICATION FOR A VARIETY OF MEDIA TYPES AND DEVICES	US	11/362,941	2/28/2006	8,213,346	7/3/2012
BRIDGING BETWEEN AD HOC LOCAL NETWORKS AND INTERNET-BASED PEER-TO-PEER NETWORKS	US	11/438,950	5/23/2006	8,194,681	6/5/2012
CHANGING GRAPHICS IN AN APPARATUS INCLUDING USER INTERFACE ILLUMINATION	US	14/260,878	4/24/2014	9,140,843	9/22/2015
MOBILE COMMUNICATION TERMINAL AND METHOD THEREFOR	US	11/384,210	3/17/2006	10,521,022	12/31/2019
VIDEO CODING	US	13/951,069	7/25/2013	9,031,127	5/12/2015
AUDIO ROUTING FOR AUDIO-VIDEO RECORDING	US	11/612,057	12/18/2006	8,160,421	4/17/2012
AUDIO ROUTING FOR AUDIO-VIDEO RECORDING	US	16/223,867	12/18/2018	10,536,664	1/14/2020
INTERNET KEY EXCHANGE PROTOCOL USING SECURITY ASSOCIATIONS	US	13/933,543	7/2/2013	9,231,759	1/5/2016
METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT FOR PROVIDING CONFIRMED OVER-THE-AIR TERMINAL CONFIGURATION	US	11/410,810	4/25/2006	8,437,751	5/7/2013
BROADCAST CHANNEL IDENTIFICATION	US	14/643,247	3/10/2015	9,425,911	8/23/2016
BROADCAST CHANNEL IDENTIFICATION	US	15/223,930	7/29/2016	10,419,142	9/17/2019
GROUP COMMUNICATION	US	11/528,759	9/28/2006	9,154,924	10/6/2015
GROUP COMMUNICATION	US	15/831,809	12/5/2017	10,594,501	3/17/2020
PRECONFIGURED SYNCML PROFILE CATEGORIES	US	15/722,541	10/2/2017	10,419,535	9/17/2019
METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT PROVIDING SOFT ITERATIVE RECURSIVE LEAST SQUARES (RLS) CHANNEL ESTIMATOR	US	13/292,540	11/9/2011	8,327,219	12/4/2012

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Title	Country ID	Serial #	Filed Date	Patent #	Issue Date
METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT PROVIDING SOFT ITERATIVE RECURSIVE LEAST SQUARES (RLS) CHANNEL ESTIMATOR	US	11/804,239	5/16/2007	8,060,803	11/15/2011
DYNAMIC SECONDARY PHONE BOOK	US	15/083,138	3/28/2016	11,178,270	11/16/2021
GAMING VIA PEER-TO-PEER NETWORKS	US	16/225,634	12/19/2018	10,758,823	9/1/2020
MOBILE COMMUNICATION TERMINAL AND METHOD THEREFOR	US	11/548,443	10/11/2006	8,930,002	1/6/2015
DATA VOLUME REPORTING FOR MULTIMEDIA BROADCAST/MULTIMEDIA SERVICE GROUPS	US	11/656,644	1/23/2007	8,412,153	4/2/2013
DATA VOLUME REPORTING FOR MULTIMEDIA BROADCAST/MULTIMEDIA SERVICE GROUPS	US	13/849,049	3/22/2013	9,026,089	5/5/2015
Method and System to Signal Network Information in TPS Bits	US	11/681,524	3/2/2007	9,294,208	3/22/2016
METHOD FOR THE DELIVERY OF MESSAGES IN A COMMUNICATION SYSTEM	US	11/604,842	11/28/2006	8,311,046	11/13/2012
METHOD FOR DELIVERY OF MESSAGES IN A COMMUNICATION SYSTEM	US	13/633,214	10/2/2012	9,609,088	3/28/2017
METHOD, ELECTRONIC DEVICE, SYSTEM, COMPUTER PROGRAM PRODUCT AND CIRCUIT ASSEMBLY FOR REDUCING ERROR IN VIDEO CODING	US	16/357,761	3/19/2019	10,735,775	8/4/2020
METHOD, ELECTRONIC DEVICE, SYSTEM, COMPUTER PROGRAM PRODUCT AND CIRCUIT ASSEMBLY FOR REDUCING ERROR IN VIDEO CODING	US	16/379,347	4/9/2019	10,484,719	11/19/2019
ADAPTIVE SCHEME FOR LOWERING UPLINK CONTROL OVERHEAD	US	11/906,324	10/1/2007	8,169,964	5/1/2012
ADAPTIVE SCHEME FOR LOWERING UPLINK CONTROL OVERHEAD	US	13/456,409	4/26/2012	8,570,975	10/29/2013
ADAPTIVE SCHEME FOR LOWERING UPLINK CONTROL OVERHEAD	US	14/050,925	10/10/2013	9,185,696	11/10/2015
METHOD OF PROVIDING A MOBILITY SERVICE	US	11/614,906	12/21/2006	8,412,207	4/2/2013
METHOD OF PROVIDING A MOBILITY SERVICE	US	14/538,092	11/11/2014	9,577,885	2/21/2017
METHOD OF PROVIDING A MOBILITY SERVICE	US	15/408,976	1/18/2017	9,801,111	10/25/2017
LEGAL TEXT DISTRIBUTION AND PROCESSING IN MOBILE BROADCASTING	US	11/555,061	10/31/2006	8,332,327	12/11/2012
SYSTEM, METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT FOR PROVIDING MEMORY FOOTPRINT REDUCTION	US	11/615,347	12/22/2006	9,378,002	6/28/2016
HANDLING, MANAGEMENT AND CREATION OF ICE CONTACTS	US	12/004,773	12/20/2007	8,301,630	10/30/2012
HANDLING, MANAGEMENT AND CREATION OF ICE CONTACTS	US	13/661,441	10/26/2012	8,775,430	7/8/2014
HANDLING, MANAGEMENT AND CREATION OF ICE CONTACTS	US	14/307,928	6/18/2014	9,218,112	12/22/2015
SYSTEM FOR USER-FRIENDLY ACCESS CONTROL SETUP USING A PROTECTED SETUP	US	15/996,972	6/4/2018	10,637,661	4/28/2020
SYSTEM FOR USER-FRIENDLY ACCESS CONTROL SETUP USING A PROTECTED SETUP	US	16/831,022	3/26/2020	11,153,081	10/19/2021
METHOD, NETWORK SERVER AND COMPUTER PROGRAM FOR DETERMINING ADVERTISEMENT INFORMATION RELATING TO MAP INFORMATION	US	11/647,421	12/29/2006	8,136,044	3/13/2012

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METHOD, APPARATUS, COMPUTER PROGRAM PRODUCT AND DEVICE PROVIDING SEMI-PARALLEL LOW DENSITY PARITY CHECK DECODING USING A BLOCK STRUCTURED PARITY CHECK MATRIX	US	11/977,644	10/24/2007	8,219,876	7/10/2012
METHOD, APPARATUS AND DEVICE PROVIDING SEMI-PARALLEL LOW DENSITY PARITY CHECK DECODING USING A BLOCK STRUCTURED PARITY CHECK MATRIX	HK	14100396.4	10/24/2008		
MODIFYING REMOTE SERVICE DISCOVERY BASED ON PRESENCE	US	11/801,300	5/9/2007	8,081,610	12/20/2011
MODIFYING REMOTE SERVICE DISCOVERY BASED ON PRESENCE	US	13/312,100	12/6/2011	9,042,360	5/26/2015
SYSTEMS AND METHODS FOR FACILITATING IDENTIFICATION OF COMMUNICATION ORIGINATORS	US	11/715,541	3/8/2007	8,285,266	10/9/2012
SYSTEMS AND METHODS FOR FACILITATING IDENTIFICATION OF COMMUNICATION ORIGINATORS	US	13/604,619	9/5/2012	9,026,096	5/5/2015
METHOD, SYSTEM, MOBILE DEVICE, APPARATUS AND COMPUTER PROGRAM PRODUCT FOR VALIDATING RIGHTS OBJECTS	US	15/729,179	10/10/2017	10,306,280	5/28/2019
METHOD, SYSTEM, MOBILE DEVICE, APPARATUS AND COMPUTER PROGRAM PRODUCT FOR VALIDATING RIGHTS OBJECTS	US	16/380,461	4/10/2019	10,659,830	5/19/2020
ADAPTIVE INTERPOLATION FILTERS FOR VIDEO CODING	US	15/372,686	12/8/2016	10,506,252	12/10/2019
METHODS, APPARATUSES AND COMPUTER PROGRAM PRODUCTS FOR CODE CORRELATION OF MULTI-PATH SPREAD SPECTRUM SIGNALS	US	14/093,037	11/28/2013	9,118,399	8/25/2015
METHOD FOR PERFORMING HANDOVERS IN A COMMUNICATION SYSTEM	US	11/790,413	4/25/2007	7,970,402	6/28/2011
APPARATUS, COMPUTER PROGRAM PRODUCT, AND METHODS FOR FLEXIBLE DATA UNIT SEGMENTATION AND ARRANGEMENT	US	12/531,393	3/14/2008	9,071,988	6/30/2015
METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT FOR PROVIDING IMPROVED DATA COMPRESSION	US	14/529,718	10/31/2014	9,451,265	9/20/2016
TIME-INTERLEAVED SIMULCAST FOR TUNE-IN REDUCTION	US	11/758,613	6/5/2007	8,396,082	3/12/2013
HEADER TYPE NOTIFICATION FOR CO-EXISTENCE OF LEGACY HEADER AND NEW HEADERS ON SAME RADIO LINK	US	14/451,726	8/5/2014	9,491,739	11/8/2016
METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT FOR ENABLING ACCESS TO A DYNAMIC ATTRIBUTE ASSOCIATED WITH A SERVICE POINT	US	11/869,993	10/10/2007	10,291,724	5/14/2019
METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT FOR PRESERVING A SIGNALLING CONNECTION	US	12/240,364	9/29/2008	8,085,714	12/27/2011
INFORMATION DISTRIBUTION IN A DYNAMIC MULTI-DEVICE ENVIRONMENT	US	11/848,739	8/31/2007	9,417,934	8/16/2016
METHODS, APPARATUS AND COMPUTER PROGRAM PRODUCT FOR ALTERING DEVICE FUNCTIONALITY	US	11/960,407	12/19/2007	9,112,985	8/18/2015
METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT FOR PROVIDING IMPROVED GRAY MAPPING	US	11/873,861	10/17/2007	8,116,386	2/14/2012

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Title	Country ID	Serial #	Filed Date	Patent #	Issue Date
METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT FOR PROVIDING IMPROVED GRAY MAPPING	US	13/347,962	1/11/2012	8,363,735	1/29/2013
LAYER-1 SIGNALING OF TRAFFIC INDICATION FOR POWER SAVING CLASS OF TYPE I IN WIMAX	US	12/290,935	11/5/2008	9,204,388	12/1/2015
USER INTERFACE CONTROLLED BY ENVIRONMENTAL CUES	US	11/965,136	12/27/2007	8,370,755	2/5/2013
MESSAGE TRANSMITTED AUTOMATICALLY IN RESPONSE TO IMMINENT POWER SOURCE DEPLETION OF MOBILE STATION	US	12/215,634	6/27/2008	8,611,934	12/17/2013
MESSAGE TRANSMITTED AUTOMATICALLY IN RESPONSE TO IMMINENT POWER SOURCE DEPLETION OF MOBILE STATION	US	14/092,095	11/27/2013	9,078,114	7/7/2015
STORAGE MANAGEMENT	US	12/041,798	3/4/2008	8,135,745	3/13/2012
CONTINUOUS SCHEDULING FOR PEER-TO-PEER STREAMING	US	15/702,872	9/13/2017	10,609,136	3/31/2020
SYSTEM AND METHOD FOR EXCERPT CREATION BY DESIGNATING A TEXT SEGMENT USING SPEECH	US	14/468,043	8/25/2014	9,335,965	5/10/2016
METHOD AND APPARATUS FOR QUALITY RANKING OF MEDIA	US	12/266,904	11/7/2008	8,799,259	8/5/2014
METHOD AND APPARATUS FOR QUALITY RANKING OF MEDIA	US	14/335,832	7/18/2014	9,946,758	4/17/2018
METHOD, SYSTEM, AND APPARATUS FOR OVERRIDING A RING BACK SIGNAL	US	12/231,454	9/3/2008	8,204,200	6/19/2012
APPARATUS, METHOD AND COMPUTER PROGRAM PRODUCT FOR FILTERING MEDIA FILES	US	14/734,725	6/9/2015	10,572,532	2/25/2020
METHOD, APPARATUS, AND COMPUTER PROGRAM PRODUCT FOR PRIVACY MANAGEMENT	US	14/970,100	12/15/2015	10,715,529	7/14/2020
METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT FOR PROVIDING PATTERN DETECTION WITH UNKNOWN NOISE LEVELS	US	12/251,087	10/14/2008	8,396,303	3/12/2013
METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT FOR PROVIDING PATTERN DETECTION WITH UNKNOWN NOISE LEVELS	US	13/772,438	2/21/2013	9,025,889	5/5/2015
INTEGRATED CIRCUIT PROTECTION LAYER USED IN A CAPACITIVE CAPACITY	US	12/321,581	1/21/2009	9,461,006	10/4/2016
MEMORY ALLOCATION TO STORE BROADCAST INFORMATION	US	12/234,336	9/19/2008	8,341,267	12/25/2012
MEMORY ALLOCATION TO STORE BROADCAST INFORMATION	US	13/692,851	12/3/2012	9,043,470	5/26/2015
METHODS, APPARATUSES, AND COMPUTER PROGRAM PRODUCTS FOR ENHANCING MEMORY ERASE FUNCTIONALITY	US	12/324,099	11/26/2008	8,407,401	3/26/2013
AUTOMATIC ZOOM FOR A DISPLAY	US	12/493,449	6/29/2009	8,284,201	10/9/2012
AUTOMATIC ZOOM FOR A DISPLAY	US	13/617,928	9/14/2012	8,564,597	10/22/2013
TEXT EDITING	US	15/782,958	10/13/2017	10,671,811	6/2/2020
A METHOD, APPARATUS AND COMPUTER PROGRAM FOR ENABLING ACCESS TO CONTENT IN A NETWORK SERVICE	US	12/404,027	3/13/2009	8,209,426	6/26/2012
METHOD, APPARATUS AND COMPUTER PROGRAM	US	13/525,132	6/15/2012	9,351,150	5/24/2016
METHOD, APPARATUS AND COMPUTER PROGRAM	US	15/133,067	4/19/2016	10,389,717	8/20/2019
METHOD AND APPARATUS FOR PROVIDING SHARED SERVICES	US	12/372,620	2/17/2009	9,112,871	8/18/2015
REMOTE CONTROL FRAMEWORK	US	11/994,016	6/29/2006	9,406,219	8/2/2016
REMOTE CONTROL FRAMEWORK	US	15/907,649	2/28/2018	10,607,479	3/31/2020
REMOTE CONTROL FRAMEWORK	HK	14113141.5	6/29/2006		

Title	Country ID	Serial #	Filed Date	Patent #	Issue Date
METHOD FOR REDUCING THE POWER CONSUMPTION OF A MOBILE DEVICE	US	16/154,003	10/8/2018	10,542,494	1/21/2020
METHOD OF ENABLING A WIRELESS INFORMATION DEVICE TO ACCESS LOCATION DATA	US	10/515,870	5/27/2003	8,331,952	12/11/2012
METHOD OF ENABLING A WIRELESS INFORMATION DEVICE TO ACCESS LOCATION DATA	US	16/181,476	11/6/2018	10,798,669	10/6/2020
METHOD OF ENABLING A WIRELESS INFORMATION DEVICE TO ACCESS THE PRESENCE INFORMATION OF SEVERAL ENTITIES	US	16/154,147	10/8/2018	10,568,021	2/18/2020
COMPUTING DEVICE WITH IMRPOVED USER INTERFACE FOR APPLICATIONS	US	10/343,333	7/27/2001	8,434,020	4/30/2013
RANDOM ACCESS CHANNEL RESPONSE HANDLING WITH AGGREGATED COMPONENT CARRIERS	US	12/384,950	4/10/2009	8,077,670	12/13/2011
RANDOM ACCESS CHANNEL RESPONSE HANDLING WITH AGGEGRATED COMPONENT CARRIERS	US	13/248,579	9/29/2011	9,253,797	2/2/2016
RANDOM ACCESS CHANNEL RESPONSE HANDLING WITH AGGEGRATED COMPONENT CARRIERS	US	14/976,154	12/21/2015	9,930,697	3/27/2018
RANDOM ACCESS CHANNEL RESPONSE HANDLING WITH AGGEGRATED COMPONENT CARRIERS	US	15/903,855	2/23/2018	10,757,737	8/25/2020
RANDOM ACCESS CHANNEL RESPONSE HANDLING WITH AGGEGRATED COMPONENT CARRIERS	US	16/909,062	6/23/2020	11,153,918	10/19/2021
METHOD AND APPARATUS FOR GUIDING MEDIA CAPTURE	US	16/116,026	8/29/2018	10,298,838	5/21/2019
METHOD AND APPARATUS FOR CONFIGURING PRESENTATION OF SERVICE GUIDES	US	15/873,300	1/17/2018	10,791,363	9/29/2020
METHOD AND APPARATUS FOR CLASSIFYING CONTENT	US	12/487,438	6/18/2009	9,514,472	12/6/2016
METHOD AND APPARATUS FOR A KEEP ALIVE PROBE SERVICE	US	12/489,985	6/23/2009	8,065,419	11/22/2011
METHOD AND APPARATUS FOR PROVIDING DEVICE COMPATIBILITY INFORMATION	US	13/728,742	12/27/2012	10,608,884	3/31/2020
METHOD AND APPARATUS FOR SUGGESTING DATA FOR DELETION	US	12/631,684	12/4/2009	8,782,309	7/15/2014
METHOD AND APPARATUS FOR SUGGESTING DATA FOR DELETION	US	15/844,908	12/18/2017	10,642,754	5/5/2020
METHOD AND APPARATUS FOR CUSTOMIZING DEVICE CONTENT	HK	14102276.5	11/18/2011		

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