PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3547637

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MOTOROLA MOBILITY LLC	10/28/2014

RECEIVING PARTY DATA

Name:	GOOGLE TECHNOLOGY HOLDINGS LLC
Street Address:	1600 AMPHITHEATRE PARKWAY
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14861302

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NAME OF SUBMITTER:	MELINDA C. CORMIER
SIGNATURE:	/Melinda C. Cormier/
DATE SIGNED:	09/29/2015

Total Attachments: 15
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U.S. PATENT ASSIGNMENT

This PATENT ASSIGNMENT (the "**ASSIGNMENT**") dated as of October 28, 2014 is entered into by and between Motorola Mobility LLC ("**ASSIGNOR**") and Google Technology Holdings LLC ("**ASSIGNEE**").

W I T N E S S E T H:

WHEREAS, ASSIGNOR desires to assign to ASSIGNEE all of its right, title and/or interest in and to those patents and patent applications set forth in Schedule A hereto (all such patents and patent applications, whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, abandoned or the like, collectively, the "**PATENTS AND PATENT APPLICATIONS**").

WHEREAS, ASSIGNEE desires to obtain the entire right, title and interest in and to the PATENTS AND PATENT APPLICATIONS.

NOW, THEREFORE, in consideration of the good and valuable consideration received by ASSIGNOR from ASSIGNEE, the receipt and sufficiency of which is hereby acknowledged, the parties hereby agree as follows:

Section 1. Assignment. ASSIGNOR hereby assigns and transfers to ASSIGNEE, and ASSIGNEE hereby accepts, all of ASSIGNOR's right, title and interest throughout the world in, to and under the PATENTS AND PATENT APPLICATIONS, including the inventions claimed therein, and all reissuances, continuations, continuations-in-part, revisions, renewals, divisionals, extensions and reexaminations thereof, and any and all letters patent which may be granted therefor in any jurisdiction, and all rights of action, powers, and benefits arising from ownership of the PATENTS AND PATENT APPLICATIONS, for ASSIGNEE's own use and enjoyment, and for the use and enjoyment of ASSIGNEE's successors, assigns and other legal representatives, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR if this ASSIGNMENT had not been made, including, in each case:

(a) the right to sue and recover for damages or other compensation and the right to sue and obtain other legal and equitable remedies in respect of all causes of action arising before, on, or after the date of this ASSIGNMENT, including in respect of past, present or future infringements, and the right to fully and entirely stand in the place of the ASSIGNOR in all matters related thereto; and ASSIGNOR hereby also assigns and transfers to ASSIGNEE any claims for past use or infringement of the PATENTS AND PATENT APPLICATIONS, including claims for damages and accounting under applicable law;

(b) the right to file and prosecute in its own name, wherever so permitted by law, patent applications, including corresponding applications, based on any of the PATENTS AND PATENT APPLICATIONS and to prosecute, make filings with respect to, register, defend and maintain the PATENTS AND PATENT APPLICATIONS before any patent office and governmental authority, including by filing reissues, reexaminations, divisionals, continuations, continuations-in-part, substitutes, extensions and all other applications relating thereto; and

(c) the right to claim priority to any of the PATENTS AND PATENT APPLICATIONS pursuant to the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes.

ASSIGNOR retains no ownership rights in the PATENTS AND PATENT APPLICATIONS and the rights transferred to ASSIGNEE hereunder.

Section 2. Patent Rights. ASSIGNEE may apply for and receive patents in its own name in respect of the PATENTS AND PATENT APPLICATIONS wherever so permitted by law.

Section 3. General. As used in this ASSIGNMENT, the words "herein," "hereof" and "hereunder" and other words of similar import refer to this ASSIGNMENT as a whole, as the same may from time to time be amended or supplemented and not to any particular subdivision contained in this ASSIGNMENT. The word "including" when used herein is not intended to be exclusive, or to limit the generality of the preceding words, and means "including, without limitation." This ASSIGNMENT shall be binding upon and shall inure to the benefit of the parties and their respective successors and assigns. This ASSIGNMENT shall be governed by, and construed in accordance with, the laws of the United States in respect to patent issues and in all other respects by the laws of the State of California, without giving effect to the conflict of laws rules thereof. This ASSIGNMENT may be signed in counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

IN WITNESS WHEREOF, ASSIGNOR has caused this ASSIGNMENT to be executed by its duly authorized representative on this 28 day of October, 2014.

Motorola Mobility LLC

By: _____

Printed Name: Kenneth Yi

Title: Assistant Secretary

Date: 10/28/14

State of California

County of Santa Clara

On October 28, 2014 before me personally appeared Kenneth Yi, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/~~she~~ executed the same in his/~~her~~ authorized capacity, and that by his/~~her~~ signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

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.

(Seal)

PIA VICTOR
Commission # 2083015
Notary Public - California
Santa Clara County
My Comm. Expires Apr 27, 2018

Pia Victor

Notary Public

My commission expires: 4/27/18

Signature page to the U.S. Patent Assignment

ASSIGNEE hereby accepts receipt of the entire right, title and interest in and to the PATENTS AND PATENT APPLICATIONS.

Google Technology Holdings LLC

By: _____

Printed Name: Kenneth Yi

Title: Assistant Secretary

Date: 10/28/14

State of California

County of Santa Clara

On October 28, 2014, before me personally appeared Kenneth Yi, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/~~she~~ executed the same in his/~~her~~ authorized capacity, and that by his/~~her~~ signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

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.

(Seal)

PIA VICTOR
Commission # 2063015
Notary Public - California
Santa Clara County
My Comm. Expires Apr 27, 2018

_____
Notary Public

My commission expires: 4/27/18

Signature page to the U.S. Patent Assignment

SCHEDULE A

[See following page]

Schedule A

Index	DOCKETNUMBER	PATENTMASTERID	Patent Number	Publication Number	Application Number	COUNTRY	Title
	CS39692			US20130235797A1	13/784,870	USA	APPARATUS AND METHOD FOR DATA MESSAGE COMMUNICATION
13446	CR00546P	96824	8599848	US20040264461A1	10/497,118	USA	COMMUNICATION OVER A SELECTED PART OF A NETWORK
13475	CS10565	45557	6282182		09/479,042	USA	METHOD AND APPARATUS FOR SIMULTANEOUS CIRCUIT-SWITCHED VOICE AND GPRS DATA INTERCHANGE
13476	CS10587	45559	6618365		10/134,840	USA	METHOD AND APPARATUS TO REDUCE UPLINK COMPRESSED MODE MONITORING IN A COMMUNICATION DEVICE
13481	CS10816	45716	6631259	US20020160775A1	09/539,826	USA	METHOD FOR ENABLING RECEIPT OF A PACKET-SWITCHED PAGE BY A MOBILE STATION
13482	CS10816	45717		US20030199273A1	10/455,131	USA	METHOD FOR ENABLING RECEIPT OF A PACKET-SWITCHED PAGE BY A MOBILE STATION
13483	CS10816	45718	6714781	US20020037720A1	10/000,566	USA	METHOD FOR ENABLING RECEIPT OF A PACKET-SWITCHED PAGE BY A MOBILE STATION
13484	CS10816	97157		US20040248616A1	10/836,515	USA	METHOD FOR ENABLING RECEIPT OF A PACKET-SWITCHED PAGE BY A MOBILE STATION
13486	CS10829	45750	6529525		09/574,545	USA	METHOD FOR SUPPORTING ACKNOWLEDGED TRANSPORT LAYER PROTOCOLS IN GPRS/EDGE HOST APPLICATION
13489	CS10877	45770	7181223		09/599,355	USA	METHOD FOR RAPID UPLINK ACCESS BY GSM GPRS/EDGE MOBILE STATIONS ENGAGED IN VOICE OVER INTERNET PROTOCOL PACKET TRANSFER MODE
13491	CS11015	45866	6487184		09/649,105	USA	METHOD AND APPARATUS FOR SUPPORTING RADIO ACKNOWLEDGEMENT INFORMATION FOR A UNI-DIRECTIONAL USER DATA CHANNEL
13492	CS11035	45890	7106711	US20020186675A1	09/875,627	USA	METHOD AND APPARATUS FOR REDUCING THE IMPACT OF CELL RESELECTION ON GPRS/EDGE DATA RATES
13502	CS11386	46054	6973030	US20020199008A1	09/885,802	USA	METHOD AND APPARATUS FOR CONTROLLING MULTIPLE LOGICAL DATA FLOW IN A VARIABLE DATA RATE ENVIRONMENT
13514	CS20329RL	46196	7088988	US20040092248A1	10/292,786	USA	OVER-THE-AIR SUBSIDY LOCK RESOLUTION
13518	CS20444RL	46219	6925095	US20030193969A1	10/384,324	USA	METHOD AND APPARATUS FOR COMPRESSED MODE COMMUNICATION
13519	CS20444RL	46220			60/373,047	USA	METHOD AND APPARATUS FOR COMPRESSED MODE COMMUNICATION
13520	CS20444RL	99887		US20050128978A1	11/025,326	USA	METHOD AND APPARATUS FOR COMPRESSED MODE COMMUNICATION
13521	CS20444RL	99888		US20050124362A1	11/024,501	USA	METHOD AND APPARATUS FOR COMPRESSED MODE COMMUNICATION
13522	CS20456RL	46225	7418239	US20030153271A1	10/074,970	USA	RESELECTION OPTIMIZATION IN MOBILE WIRELESS COMMUNICATION DEVICES AND METHODS THEREFOR
13530	CS20786RL	46311	7277392	US20040062262A1	10/263,065	USA	METHOD AND APPARATUS FOR MANAGING THE USAGE OF DATA LINK RESOURCES
13552	CS21358RL	93903	7853215	US20050079823A1	10/683,627	USA	A COMMUNICATION CIRCUIT AND METHOD FOR SELECTING A REFERENCE LINK
13568	CS21931RL	46509			60/427,108	USA	METHOD AND APPARATUS FOR VIRTUAL BEARER
13578	CS22135RL	46525	7940724	US20040095905A1	10/358,864	USA	NETWORK ASSISTED CELL RESELECTION IN WIRELESS COMMUNICATIONS SYSTEMS AND METHODS
13588	CS22683RL	46642	6822969	US20040196804A1	10/406,179	USA	METHOD AND APPARATUS FOR SCHEDULING ASYNCHRONOUS TRANSMISSIONS
13589	CS22683RL	99009		US20050047360A1	10/966,811	USA	METHOD AND APPARATUS FOR SCHEDULING ASYNCHRONOUS TRANSMISSIONS
13591	CS22703RL	113684	7519365	US20070202875A1	11/742,699	USA	METHOD FOR A RADIO TELEPHONE TO SEARCH FOR RADIO TECHNOLOGIES IN A NETWORK
13594	CS22830RL	46672	7787855		10/403,305	USA	ESTABLISHING EMERGENCY SESSIONS IN PACKET DATA NETWORKS FOR WIRELESS DEVICES HAVING INVALID SUBSCRIBER IDENTITIES
13595	CS22879RL	46678	7321780	US20040219920A1	10/427,361	USA	ENHANCED UPLINK RATE SELECTION BY A COMMUNICATION DEVICE DURING SOFT HANDOFF
13596	CS22881RL	46680	7013143	US20040219917A1	10/427,120	USA	HARQ ACK/NAK CODING FOR A COMMUNICATION DEVICE DURING SOFT HANDOFF
13597	CS22944RL	46691	7414989	US20040223507A1	10/431,560	USA	ACK/NACK DETERMINATION RELIABILITY FOR A COMMUNICATION DEVICE
13598	CS22945RL	46692	6993342	US20040224677A1	10/431,249	USA	SCHEDULING INFORMATION FOR SCHEDULING A COMMUNICATION DEVICE
13622	CS23706RA	103513	7620398	US20070049272A1	11/215,916	USA	METHOD AND APPARATUS FOR SIMULTANEOUSLY COMMUNICATING ON A VOICE CHANNEL AND BROAD-CAST CHANNEL
13625	CS23736RL	99905		US20050197120A1	11/029,256	USA	APPARATUS AND METHOD FOR MOBILE ASSIGNMENT
13626	CS23737RL	92960	7305251	US20050075129A1	10/680,690	USA	METHOD FOR SELECTING A CORE NETWORK
13627	CS23738RL	92964	7561879	US20050090255A1	10/680,522	USA	WIRELESS ACCESS NETWORK SHARING AMONG CORE NETWORKS AND METHODS
13630	CS23894RL	97313	7206578	US20050266844A1	10/853,393	USA	APPARATUS AND METHOD FOR SYSTEM SELECTION
13632	CS24072RL	98032	7339909	US20060025138A1	10/903,819	USA	APPARATUS AND METHOD FOR OPERATING A COMMUNICATION DEVICE ON TWO NETWORKS
13647	CS25241RL	99032	7904094	US20060089137A1	10/974,625	USA	METHOD FOR REDUCING WIRELESS COMMUNICATION PROCEDURE FAILURE
13653	CS25429RL	111605		US20080146223A1	11/610,661	USA	METHOD AND SYSTEM FOR SELECTING A COMMUNICATION NETWORK
13655	CS25501RL	102770	7231213	US20070004417A1	11/172,313	USA	METHOD TO DETECT A USER EQUIPMENT STUCK ON A DEDICATED CHANNEL
13661	CS25646RL	123932	8520589	US20090286531A1	12/154,009	USA	MOBILE DEVICE AND METHOD FOR INTELLIGENTLY COMMUNICATING DATA GENERATED THEREBY OVER A SHORT-RANGE UNLICENSED WIRELESS NETWORKS AND WIDE AREA WIRELESS NETWORKS
13663	CS25649RL	103087	7693110	US20060056355A1	11/193,207	USA	SYSTEM AND METHOD FOR DOWNLINK SIGNALING FOR HIGH SPEED UPLINK PACKET ACCESS
13664	CS25649RL	132308	8125944	US20100172303A1	12/723,383	USA	SYSTEM AND METHOD FOR DOWNLINK SIGNALING FOR HIGH SPEED UPLINK PACKET ACCESS
13665	CS25649RL	132309	8542656	US20100165951A1	12/723,392	USA	SYSTEM AND METHOD FOR DOWNLINK SIGNALING FOR HIGH SPEED UPLINK PACKET ACCESS

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Index	DOCKETNUMBER	PATENTMASTERID	Patent Number	Publication Number	Application Number	COUNTRY	Title
13666	CS25657ML	101888	7580713	US20060281465A1	11/127,433	USA	APPARATUS AND METHOD FOR ESTABLISHING AN ACTIVE SET OF CARRIERS FOR A RECEIVER
13672	CS26082RL	101343	7801527	US20060246883A1	11/117,047	USA	CELL UPDATE PROCESS WITH RECONFIGURATION STATUS
13678	CS26401RL	102627	7821975	US20060281413A1	11/149,875	USA	ESTABLISHING RADIO LINK CONTROL IN WIRELESS COMMUNICATION NETWORKS
13679	CS26401RL	134111	8483109	US20110009073A1	12/887,221	USA	ESTABLISHING RADIO LINK CONTROL IN WIRELESS COMMUNICATION NETWORKS
13690	CS26728RL	105283	7626998	US20070140204A1	11/304,020	USA	COMMUNICATION DEVICE COMMUNICATION NODE AND METHOD FOR TRANSMITTING A MESSAGE
13704	CS27113	104088	7400597	US20070081481A1	11/248,646	USA	APPARATUS AND METHOD FOR ASSISTED COMBINING FOR MULTICAST SERVICES
13706	CS27174P	107771	7599317		11/404,359	USA	METHOD AND APPARATUS FOR PREDICTION OF A CONNECTION IDENTIFIER IN A DOWNLINK BURST
13708	CS27283RL	104864	7730385	US20070124654A1	11/289,858	USA	APPARATUS AND METHOD FOR DECODING A RECEIVED MESSAGE WITH A PRIORI INFORMATION
13723	CS27653STARS	106897	7688835	US20070217373A1	11/376,011	USA	DYNAMIC WIRELESS BACKHAUL CONFIGURATION
13730	CS27795	104087	7315523	US20070081480A1	11/248,313	USA	APPARATUS FOR NEIGHBOR ASSISTED COMBINING FOR MULTICAST SERVICES
13737	CS27932P	107765	7680118		11/404,326	USA	METHOD AND APPARATUS FOR REORDERING FRAGMENTS WITHIN A MAC LAYER SERVICE DATA UNIT WITHIN A DOWNLINK FRAME
13739	CS28052RL	128917	8170000	US20090227248A1	12/429,878	USA	METHOD AND APPARATAUS FOR AUTOMATIC FREQUESNCY CORRECTION IN A MULTIMODE DEVICE
13766	CS28793	106375			60/773,249	USA	METHOD AND APPARATUS FOR PILOT SIGNAL TRANSMISSION
13767	CS28793	112147	7848438	US20070189404A1	11/672,275	USA	METHOD AND APPARATUS FOR PILOT SIGNAL TRANSMISSION
13776	CS28903	106766			60/780,666	USA	HYBRID APPROACH FOR DATA TRANSMISSION USING A COMBINATION OF SINGLE-USER AND MULTI-USER PACKETS
13777	CS28903	111971	7464313	US20070214400A1	11/626,858	USA	HYBRID APPROACH FOR DATA TRANSMISSION USING A COMBINATION OF SINGLE-USER AND MULTI-USER PACKETS
13790	CS29233LT	109348		US20080037521A1	11/461,317	USA	APPARATUS AND METHOD FOR END-TO-END ADAPTIVE FRAME PACKING AND REDUNDANCY IN A HETEROGENEOUS NETWORK ENVIRONMENT
13799	CS29537P	110214	7684387	US20080084885A1	11/539,324	USA	METHOD FOR ROUTING COMBINATIONAL SERVICES TO A SINGLE ENDPOINT
13803	CS29665P	128357		US20090201857A1	12/369,148	USA	UMA/GAN KEEP-ALIVE MECHANISUM IN WIRELESS COMMUNICATION NETWORKS
13819	CS29954	109445		US20080037496A1	11/464,179	USA	APPARATUS AND METHOD FOR AUTOMATIC REPEAT REQUEST WITH REDUCED RESOURCE ALLOCATION OVERHEAD IN A WIRELESS VOIP COMMUNICATION SYSTEM
13820	CS29956ML	109406		US20080025337A1	11/460,908	USA	APPARATUS AND METHOD FOR HANDLING CONTROL CHANNEL RECEPTION/DECODING FAILURE IN A WIRELESS VOPI COMMUNICATION SYSTEM
13852	CS30936	112418	7933238	US20080219219A1	11/683,030	USA	METHOD AND APPARATUS FOR TRANSMISSION WITHIN A MULTI-CARRIER COMMUNICATION SYSTEM
13853	CS30936	135525		US20110216723A1	13/091,178	USA	METHOD AND APPARATUS FOR TRANSMISSION WITHIN A MULTI-CARRIER COMMUNICATION SYSTEM
13868	CS31792RL	112236	7778653	US20080194252A1	11/674,998	USA	METHOD AND APPARATUS FOR TARGETED PAGING IN A MULTI-CELL WIRELESS COMMUNICATION SYSTEM
13888	CS32561RL	112411	8204036	US20080205365A1	11/680,067	USA	METHOD AND APPARATUS FOR COEXISTENCE
13911	CS33111	128096			61/142,173	USA	DEVICE AND METHOD FOR PROVIDING BOOTSTRAPPED APPLICATION AUTHENTICATION
13912	CS33111	128336		US20100167695A1	12/366,395	USA	DEVICE AND METHOD FOR PROVIDING BOOTSTRAPPED APPLICATION AUTHENTICATION
13913	CS33132	112976	8300658	US20080232396A1	11/689,495	USA	APPARATUES AND METHODS FOR MULTI-ANTENNA CHANNEL QUALITY DATA ACQUISITION IN A BROADCAST/MULTICAST SERVICE NETWORK USING A MULTICAST SYMBOL
13918	CS33338	113743	8687561	US20080273490A1	11/744,681	USA	METHOD AND SYSTEM FOR LINK ADAPTATION USING METRIC FEEDBACK
13919	CS33338	136581	8374197	US20120057585A1	13/295,754	USA	METHOD AND SYSTEM FOR LINK ADAPTATION USING METRIC FEEDBACK
13920	CS33338	141522			14/173,098	USA	Method and System for Link Adaptation at a Mobile Station
13923	CS33433	128175		US20100037262A1	12/300,502	USA	METHOD AND UPDATED AND METHOD FOR CHECKING OF AN UPDATE OF AT LEAST ONE DATA ELEMENT IN A DATA CAROUSEL AS WELL AS CORRESPONDING FIRST DEVICE SECOND DEVICE AND DATA STREAM
13929	CS33598	114454	8620320	US20080318574A1	11/765,160	USA	METHODS FOR HANDLING OVER CALLS BETWEEN COMMUNICATION NETWORKS USING DISSIMILAR AIR INTERFACES
13932	CS33646	121462			60/976,644	USA	A METHOD FOR ALLOCATING A TEMPORARY RESOURCE REQUEST IDENTIFIER FOR ACCESSING A TARGET BASE STATION
13933	CS33646	126965	8244250	US20090088161A1	12/243,590	USA	A METHOD FOR ALLOCATING A TEMPORARY RESOURCE REQUEST IDENTIFIER FOR ACCESSING A TARGET BASE STATION
13934	CS33646	138018	8498645	US20120329459A1	13/548,370	USA	A METHOD FOR ALLOCATING A TEMPORARY RESOURCE REQUEST IDENTIFIER FOR ACCESSING A TARGET BASE STATION
13951	CS33950P	120562		US20090052460A1	11/841,103	USA	METHOD OF UPDATING CORE DOMAIN INFORMATION FOR ROUTING A SERVICE COMMUNICATION DEVICE AND COMMUNICATION ENVIRONMENT
13958	CS34188MM	127684	8254365	US20100135275A1	12/326,278	USA	METHOD FOR MAINTAINING TIMING ACROSS DISCONTINUOUS ACTIVITY GAPS FOR A NON-REAL TIME DATA INTERFACE
13960	CS34191	121464		US20090086656A1	11/865,723	USA	STATUS REPORT TRIGGERING IN WIRELESS COMMUNICATION SYSTEM
13961	CS34205	120559			60/956,334	USA	METHOD AND SYSTEM FOR SELECTIVE USE OF CONTROL CHANNEL ELEMENT BASED IMPLICIT POINTING
13962	CS34205	125918	8379601	US20090046793A1	12/178,754	USA	METHOD AND SYSTEM FOR SELECTIVE USE OF CONTROL CHANNEL ELEMENT BASED IMPLICIT POINTING
13963	CS34210	121463	7684407	US20090086646A1	11/865,717	USA	STATUS REPORT METHOD IN A WIRELESS COMMUNICATION SYSTEM
13976	CS34444	124772	7822074	US20090279457A1	12/115,562	USA	SYNCHRONIZATION BETWEEN UNCOORDINATED TIME DIVISION DUPLEX COMMUNICATION NETWORKS

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Index	DOCKETNUMBER	PATENTMASTERID	Patent Number	Publication Number	Application Number	COUNTRY	Title
13977	CS34467	128372		US20100203832A1	12/367,500	USA	METHOD AND APPARATUS FOR CO-EXISTENCE OF A OFDMA TRANSMITTER WITH A SYNCHRONOUS FRAME BASED TRANSMITTER
13997	CS35323	124737	8458558	US20090276684A1	12/112,577	USA	MULTI-ANTENNA CONFIGURATION SIGNALING IN WIRELESS COMMUNICATION SYSTEM
13998	CS35323	137255	8484530	US20120151306A1	13/399,020	USA	MULTI-ANTENNA CONFIGURATION SIGNALING IN WIRELESS COMMUNICATION SYSTEM
14018	CS35990	126233		US20100034314A1	12/189,766	USA	ANTENNA CONFIGURATION AND TRANSMISSION MODE SIGNALING IN WIRELESS COMMUNICATION SYSTEM
14019	CS35991	129795		US20100322287A1	12/488,075	USA	METHOD AND APPARATUS FOR MULTI RADIO COEXISTENCE
14021	CS36024	125436			61/074,211	USA	METHOD FOR PREVENTING RANDOM ACCESS WITH OUTDATED SYSTEM INFORMATION
14022	CS36024	129785	8457618	US20090318128A1	12/483,843	USA	PREVENTING RANDOM ACCESS BASED ON OUTDATED SYSTEM INFORMATION IN A WIRELESS COMMUNICATION SYSTEM
14025	CS36085	126188	8144712	US20100034139A1	12/188,053	USA	SCHEDULING GRANT INFORMATION SIGNALING IN WIRELESS COMMUNICATION SYSTEM
14026	CS36085	137388	8582538	US20120170541A1	13/417,478	USA	SCHEDULING GRANT INFORMATION SIGNALING IN WIRELESS COMMUNICATION SYSTEM
14030	CS36118	125954	8300757	US20100034092A1	12/188,830	USA	METHODS FOR DETECTION OF FAILURE AND RECOVERY IN A RADIO LINK
14031	CS36118	138317	8565350	US20120327984A1	13/605,173	USA	METHODS FOR DETECTION OF FAILURE AND RECOVERY IN A RADIO LINK
14032	CS36118	140390			13/953,889	USA	METHODS FOR DETECTION OF FAILURE AND RECOVERY IN A RADIO LINK
14033	CS36151	126232			61/088,230	USA	PREVENTING MISUSE OF RANDOM PROCEDURES IN WIRELESS COMMUNICATION SYSTEM
14034	CS36151	130118		US20100041370A1	12/511,873	USA	PREVENTING MISUSE OF RANDOM PROCEDURES IN WIRELESS COMMUNICATION SYSTEM
14049	CS36379	128649	8666417	US20100234028A1	12/404,660	USA	METHOD AND APPARATUS FOR DISTINGUISHING CELLS WITH THE SAME PHYSICAL CELL IDENTIFIER
14050	CS36379	141022		US20140071944A1	14/076,582	USA	METHOD AND APPARATUS FOR DISTINGUISHING CELLS WITH THE SAME PHYSICAL CELL IDENTIFIER
14051	CS36379	141447			14/160,598	USA	METHOD AND APPARATUS FOR DISTINGUISHING CELLS WITH THE SAME PHYSICAL CELL IDENTIFIER
14055	CS36415	127344			61/111,321	USA	METHOD FOR RELAYS WITHIN WIRELESS COMMUNICATION SYSTEMS
14056	CS36415	130927		US20100110964A1	12/610,962	USA	METHOD FOR RELAYS WITHIN WIRELESS COMMUNICATION SYSTEMS
14068	CS36516	127394			61/112,515	USA	RADIO LINK PERFORMANCE PREDICTION IN WIRELESS COMMUNICATION TERMINAL
14069	CS36516	130827	8442021	US20100122121A1	12/605,461	USA	RADIO LINK PERFORMANCE PREDICTION IN WIRELESS COMMUNICATION TERMINAL
14070	CS36516	139662		US20130215783A1	13/855,746	USA	RADIO LINK PERFORMANCE PREDICTION IN WIRELESS COMMUNICATION TERMINAL
14098	CS36769	128404	8467786	US20100279684A1	12/434,743	USA	COMMUNICATION DEVICES AND METHODS FOR PROVIDING SERVICES TO COMMUNICATION DEVICES IN A COMMUNICATION SYSTEM INCLUDING A PRIVATE CELL
14100	CS36787	128485	8340081	US20100238920A1	12/408,960	USA	COMMUNICATION APPARATUS FOR PROVIDING SERVICES TO A COMMUNICATION DEVICE THROUGH A PRIVATE BASE STATION
14101	CS36793	128728	8208434	US20100272032A1	12/431,305	USA	METHOD OF SIGNALING PARTICULAR TYPES OF RESOURCE ELEMENTS IN A WIRELESS COMMUNICATION SYSTEM
14102	CS36793	137834		US20120327980A1	13/495,516	USA	METHOD OF SIGNALING PARTICULAR TYPES OF RESOURCE ELEMENTS IN A WIRELESS COMMUNICATION SYSTEM
14103	CS36793	137835		US20120327981A1	13/495,544	USA	METHOD OF SIGNALING PARTICULAR TYPES OF RESOURCE ELEMENTS IN A WIRELESS COMMUNICATION SYSTEM
14104	CS36802	128790	8537724	US20100238845A1	12/405,952	USA	RELAY OPERATION IN A WIRELESS COMMUNICATION SYSTEM
14116	CS36890	130536		US20110141953A1	12/639,192	USA	METHOD FOR MANAGING DATA COMMUNICATION BETWEEN A COMMUNICATION DEVICE AND ANOTHER DEVICE AND COMMUNICATION DEVICE
14150	CS37031	129688	8442004	US20100329205A1	12/493,440	USA	SERVICE CONTINUITY DURING OUTBOUND HANDOVER FROM A HOME NETWORK BASE STATION WITH LOCAL INTERNET PROTOCOL ACCESS
14152	CS37042	129768	8611277	US20100323693A1	12/489,256	USA	RESELECTION IN A WIRELESS COMMUNICATION SYSTEM
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14154	CS37047	133174		US20100322153A1	12/792,194	USA	HARQ ADAPTATION FOR ACQUISITION OF NEIGHBOR CELL SYSTEM INFORMATION
14171	CS37151	130146		US20110039546A1	12/542,314	USA	METHOD AND APPARATUS FOR RADIO LINK FAILURE RECOVERY
14172	CS37154	130355		US20110044260A1	12/545,463	USA	ACKNOWLEDGMENT OF UPLINK TRANSMISSION ON CONTENTION BASED RESOURCE IN WIRELESS COMMUNICATION SYSTEM
14178	CS37167	130178		US20110039552A1	12/542,339	USA	METHOD AND APPARATUS FOR RADIO LINK FAILURE RECOVERY
14179	CS37168	130569		US20110085618A1	12/577,105	USA	METHOD FOR SEMI-STATICALLY ADAPTING UPLINK MULTIPLE INPUT MULTIPLE OUTPUT TRANSMISSION
14187	CS37199	130541	8374633	US20110081917A1	12/573,456	USA	AUTONOMOUS MUTING INDICATION TO ENABLE IMPROVED TIME DIFFERENCE OF ARRIVAL MEASUREMENTS
14188	CS37199	139178		US20130150092A1	13/759,089	USA	AUTONOMOUS MUTING INDICATION TO ENABLE IMPROVED TIME DIFFERENCE OF ARRIVAL MEASUREMENTS
14203	CS37249	131555		US20110199961A1	12/705,126	USA	METHOD FOR PROVIDING A CONTENTION BASED UPLINK CHANNEL
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14207	CS37268	134644		US20110105135A1	12/916,871	USA	INTERFERENCE COORDINATION IN HETEROGENEOUS NETWORKS USING WIRELESS TERMINALS AS RELAYS
14237	CS37507	134918		US20120163305A1	12/979,846	USA	ENERGY-SAVING BASE STATION AND METHOD
14244	CS37560	131927		US20110205978A1	12/709,476	USA	MULTI-CARRIER CONTROL SIGNALING IN WIRELESS COMMUNICATION SYSTEM
14250	CS37589	132881			61/331,353	USA	HANDOVER DURING CARRIER AGGREGATION OPERATION WIRELESS COMMUNICATION NETWORK
14251	CS37589	135335		US20110275374A1	13/052,266	USA	HANDOVER DURING CARRIER AGGREGATION OPERATION WIRELESS COMMUNICATION NETWORK

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14261	CS37637	135891		US20120044812A1	13/178,441	USA	METHOD AND APPARATUS FOR CHANGE OF PRIMARY CELL DURING CARRIER AGGREGATION
14278	CS37705	132983			61/345,578	USA	MINIMIZING MEASUREMENTS DURING CARRIER AGGREGATION IN A WIRELESS COMMUNICATION SYSTEM
14279	CS37705	135605	8423013	US20110281578A1	13/099,848	USA	MINIMIZING MEASUREMENTS DURING CARRIER AGGREGATION IN A WIRELESS COMMUNICATION SYSTEM
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14296	CS37762	141722			14/217,719	USA	METHOD AND APPARATUS FOR SOFT BUFFER MANAGEMENT FOR CARRIER AGGREGATION
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14314	CS37821	136078		US20120218904A1	13/210,543	USA	METHOD AND APPARATUS FOR POWER HEADROOM REPORTING DURING MULTI-CARRIER OPERATION
14317	CS37826	139754		US20130301610A1	13/879,878	USA	WIRELESS COMMUNICATION SYSTEM METHOD OF ROUTING DATA IN A WIRELESS COMMUNICATION SYSTEM AND METHOD OF HANDING OVER A WIRELESS COMMUNICATION DEVICE HAVING AN ESTABLISHED DATA CONNECTION TO A LOCAL NETWORK
14330	CS37892	133877	8625442	US20120044816A1	12/859,545	USA	METHOD AND APPARATUS FOR DETERMINING WHEN TO USE CONTENTION-BASED ACCESS FOR TRANSMITTING DATA IN A WIRELESS NETWORK
14350	CS38003	135187		US20120204254A1	13/021,071	USA	METHOD AND APPARATUS FOR MANAGING SECURITY STATE TRANSITIONS
14379	CS38113	134924		US20120236787A1	13/049,575	USA	METHOD FOR ENABLING A WIRELESS COMMUNICATION DEVICE CONNECTED TO A FIRST DOMAIN OF A NETWORK TO ACCESS A SERVICE IN A SECOND DOMAIN WIRELESS COMMUNICATION DEVICE AND COMMUNICATION SYSTEM
14388	CS38140	138003			61/669,411	USA	METHOD AND SYSTEM FOR REDUCING CONGESTION ON A COMMUNICATION NETWORK
14389	CS38140	139766		US20140010078A1	13/865,222	USA	METHOD AND SYSTEM FOR REDUCING CONGESTION ON A COMMUNICATION NETWORK
14405	CS38177	135992			61/513,063	USA	METHOD AND APPARATUS FOR ROUTING CIRCUIT SWITCHED FALL BACK MESSAGEING IN A WIRELESS COMMUNICATION SYSTEM
14406	CS38177	137325		US20130028183A1	13/406,672	USA	METHOD AND APPARATUS FOR ROUTING CIRCUIT SWITCHED FALL BACK MESSAGEING IN A WIRELESS COMMUNICATION SYSTEM
14412	CS38201	135938		US20130088961A1	13/270,756	USA	APPARATUS AND METHOD FOR LOAD BALANCING IN A CABLE NETWORK
14425	CS38237	135803		US20130083808A1	13/252,716	USA	SYSTEM AND METHOD FOR LATENCY MEASUREMENT AT EACH NETWORK ELEMENT PARTICIPATING AS AN RTP RELAY IN A TELECOMMUNICATION NETWORK
14482	CS38347	135625		US20120281593A1	13/100,701	USA	METHOD AND APPARATUS FOR PROVIDING USER EQUIPMENT ACCESS TO TV WHILE SPACE RESOURCES BY A BROADBAND CELLULAR NETWORK
14509	CS38413	135643			61/484,525	USA	METHOD AND APPARATUS FOR PROVIDING WIRELESS SERVICE TO A COLLECTIVE OF REMOTE UNITS BY A WIRELESS LOCAL AREA NETWORK
14510	CS38413	137514		US20120287914A1	13/443,952	USA	METHOD AND APPARATUS FOR PROVIDING WIRELESS SERVICE TO A COLLECTIVE OF REMOTE UNITS BY A WIRELESS LOCAL AREA NETWORK
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14546	CS38542	135496		US20120263118A1	13/086,221	USA	METHOD AND APPARATUS USING TWO RADIO ACCESS TECHNOLOGIES FOR SCHEDULING RESOURCES IN WIRELESS COMMUNICATION SYSTEMS
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14565	CS38655	135936		US20130095806A1	13/271,414	USA	METHOD FOR RETRIEVING CONTENT BY A WIRELESS COMMUNICATION DEVICE HAVING FIRST AND SECOND RADIO ACCESS INTERFACES WIRELESS COMMUNICATION DEVICE AND COMMUNICATION SYSTEM
14568	CS38682	136085			61/524,139	USA	SELF-INTERFERENCE HANDLING IN A WIRELESS COMMUNICATION TERMINAL SUPPORTING CARRIER AGGREGATION
14569	CS38682	138182		US20130044621A1	13/587,314	USA	SELF-INTERFERENCE HANDLING IN A WIRELESS COMMUNICATION TERMINAL SUPPORTING CARRIER AGGREGATION
14605	CS38900	135860		US20120327866A1	13/168,572	USA	MULTI-CLUSTER UPLINK TRANSMISSION IN WIRELESS COMMUNICATION NETWORK
14606	CS38900	140922		US20140056228A1	14/068,001	USA	MULTI-CLUSTER UPLINK TRANSMISSION IN WIRELESS COMMUNICATION NETWORK
14668	CS39045	136076			61/523,586	USA	METHOD AND APPARATUS CONTROL CHANNEL TRANSMISSION AND RECEPTION
14669	CS39045	138145		US20130044727A1	13/569,606	USA	METHOD AND APPARATUS CONTROL CHANNEL TRANSMISSION AND RECEPTION
14670	CS39046	136075			61/523,568	USA	METHOD AND APPARATUS FOR CONTROL CHANNEL TRANSMISSION AND RECEPTION
14671	CS39046	138146		US20130044664A1	13/569,646	USA	METHOD AND APPARATUS FOR CONTROL CHANNEL TRANSMISSION AND RECEPTION
14677	CS39060	136777		US20130151714A1	13/324,063	USA	METHOD AND APPARATUS FOR ADAPTIVE NETWORK HEARTBEAT MESSAGE FOR TCP CHANNEL
14734	CS39245	137025	8640174	US20130232534A1	13/409,190	USA	METHOD FOR RETRIEVING CONTENT WIRELESS COMMUNICATION DEVICE AND COMMUNICATION SYSTEM
14751	CS39303	136450		US20130121322A1	13/293,374	USA	METHOD FOR ESTABLISHING DATA CONNECTIVITY BETWEEN A WIRELESS COMMUNICATION DEVICE ANDA CORE NETWORK OVER AN IP ACCESS NETWORK WIRELESS COMMUNICATION DEVICE AND COMMUNICATION SYSTEM

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14757	CS39314	139593		US20130265953A1	13/851,665	USA	METHOD APPARATUS AND SYSTEM FOR TRIGGERING WIRELESS COMMUNICATION DEVICES TO ATTACH TO A WIRELESS COMMUNICATION NETWORK
14778	CS39389	140157		US20140026180A1	13/914,688	USA	SECURITY IN WIRELESS COMMUNICATION SYSTEM AND DEVICE
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14846	CS39594	141088			14/086,007	USA	DELIVERING DATA TO A WIRELESS STATION
14857	CS39628	138446			13/956,919	USA	Method and Apparatus for Material Requirements Planning Adjustments
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14878	CS39695	137347			13/786,734	USA	HANDOFF PRIORITIZATION IN MULTI-RAB CALLS
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14971	CS40011	137606		US20130311614A1	13/476,551	USA	METHOD FOR RETRIEVING CONTENT AND WIRELESS COMMUNICATION DEVICE
14975	CS40041	137428		US20130252606A1	13/428,479	USA	RADIO LINK MONITORING IN A WIRELESS COMMUNICATION DEVICE
14985	CS40095	137673		US20130301434A1	13/470,841	USA	RADIO LINK MONITORING IN A WIRELESS COMMUNICATION DEVICE
14993	CS40126	137719			61/649,247	USA	METHOD AND APPARATUS FOR TRANSPORT BLOCK SIGNALING IN WIRELESS COMMUNICATION SYSTEM
14994	CS40126	139793		US20130308504A1	13/869,996	USA	METHOD AND APPARATUS FOR TRANSPORT BLOCK SIGNALING IN WIRELESS COMMUNICATION SYSTEM
15013	CS40201	137681		US20130301542A1	13/470,933	USA	RADIO LINK MONITORING IN A WIRELESS COMMUNICATION DEVICE
15052	CS40440	138988			13/727,683	USA	METHOD AND APPARATUS FOR DEVICE-TO-DEVICE COMMUNICATION
15055	CS40519	138987			13/727,692	USA	METHOD AND APPARATUS FOR DEVICE-TO-DEVICE COMMUNICATION
15056	CS40546	138116		US20140036747A1	13/566,381	USA	METHOD AND APPARATUS FOR RECEIVING A CONTROL CHANNEL
15069	CS40642	138580			13/727,702	USA	METHOD AND APPARATUS FOR DEVICE-TO-DEVICE COMMUNICATION
15091	CS40774	139549			61/788,129	USA	METHOD AND APPARATUS FOR DEVICE-TO-DEVICE COMMUNICATION
15092	CS40774	139664			13/856,069	USA	METHOD AND APPARATUS FOR DEVICE-TO-DEVICE COMMUNICATION
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15471	CS41932	141116			14/088,613	USA	METHOD AND DEVICE FOR ACCEPTING OR REJECTING A REQUEST ASSOCIATED WITH A MOBILE DEVICE WIRELESSLY CONNECTING TO A NETWORK
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15522	CS42039	141587			14/182,555	USA	Methods and Device for Determining When to Switch Between Multiple Communication Modes of a Transceiver Subsystem
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15584	CS42258	141169			61/913,959	USA	SIZING CLOTHING BY MACHINE SCANNING
15627	CX097004	48614	6016511		08/938,947	USA	APPARATUS AND METHOD FOR INTER FACING PROTOCOL APPLICATION DA TA FRAM OPERATION REQUESTS WIT A DATA FRAM INPUT/OUTPUT DEVI
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15674	D02719	54654	6839070	US20030001897A1	10/124,407	USA	REAL-TIME DISPLAY OF BANDWIDTH UTILIZATION IN A TRANSPORT MULTIPLEXER
15675	D02719	54655	7356029	US20030012190A1	10/124,602	USA	IP DATA ENCAPSULATION AND INSERTION IN A TRANSPORT MULTIPLEXER
15676	D02719	54656			60/285,188	USA	BROADBAND BANDWIDTH MANAGEMENT DEVICE MANAGEMENT AND MULTI-MEDIA CONTROL SYSTEM
15685	D02767	54705	7065191	US20040213390A1	10/115,634	USA	METHOD AND SYSTEM FOR BUDGETING RESOURCES DEDICATED TO PROCESSING NON-VOICE DATA TRAFFIC
15700	D02911	54805	7116771	US20030223432A1	10/382,486	USA	METHOD FOR GENERALIZATION OF TELPHONE SIGNALING REQUIREMENTS TO SUPPORT MULTIPLE INTERNATIONAL MARKETPLACES IN A SINGLE CUSTOMER PREMISES DEVICE

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15743	ISC0034	60955	6842621	US20030119527A1	10/037,956	USA	METHOD AND APPARATUS FOR SPLITTING CONTROL AND MEDIA CONTENT FROM A CELLULAR NETWORK CONNECTION
15744	ISC0036	60957	6862277	US20040081159A1	10/281,842	USA	METHOD AND APPARATUS FOR MULTI-MEDIA COMMUNICATION OVER MULTIPLE NETWORKS
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15762	NOK56992	134960		US20080268843A1	12/069,897	USA	APPARATUS METHOD AND COMPUTER PROGRAM PRODUCT PROVIDING PRIORITY SETTING FOR MULTI-RAT INTERWORKING
15788	PD05623AV	63825	5912878		08/807,509	USA	METHOD AND END STATION WITH IM PROVED USER RESPONSE TIME IN A MOBILE NETWORK
15804	PF01997NA	64987	6278723		09/521,153	USA	METHOD AND APPARATUS FOR MINIMIZING A PROBABILITY OF SELF-INTERFERENCE AMONG NEIGHBORING WIRELESS NETWORKS
15806	PF02049NA	65018	6901259	US20020115442A1	09/784,801	USA	A COMMUNICATION SYSTEM THAT PROVIDES ADJUSTABLE COMMUNICATION SERVICE AVAILABILITY TO SUBSCRIBERS
15808	PF02107NA	65056	6882677	US20030035464A1	09/795,585	USA	METHOD AND APPARATUS FOR FACILITATING HANDOFF IN A WIRELESS LOCAL AREA NETWORK
15809	PF02126NA	65065	6757269	US20020118663A1	09/796,937	USA	MOBILE WIRELESS ROUTER
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15848	PT03525U	70116	6515971	US20020110093A1	09/737,708	USA	METHOD AND APPARATUS TO ENABLE BACKGROUND SCANNING
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15858	RIM00001	134347			60/956,845	USA	SEMI-PERSISTENT AND DYNAMIC SCHEDULING AND DISCONTINUOUS RECEPTION CONTROL
15859	RIM00001	134350	8265080	US20090052367A1	12/193,963	USA	SYSTEM AND METHOD FOR RETRANSMISSIONS IN A DISCONTINUOUS RECEPTION CONFIGURED SYSTEM
15860	RIM00002	134359	7957360	US20080167089A1	11/621,385	USA	METHOD AND SYSTEM FOR THE SUPPORT OF A LONG DRX IN AN LTE_ACTIVE STATE IN A WIRELESS NETWORK
15861	RIM00002	134365		US20100255835A1	12/818,779	USA	METHOD AND SYSTEM FOR THE SUPPORT OF A LONG DRX IN AN LTE_ACTIVE STATE IN A WIRELESS NETWORK
15899	SC0880ET	81922	7626972	US20030165133A1	10/257,748	USA	DOWNLOADING WEB PAGES
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16025	BCS04460	113648	7805137	US20080268879A1	11/740,690	USA	CORDLESS TELEPHONE SYSTEM WITH IP NETWORK APPLICATION
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16041	BCS04789	135799		US20130191874A1	13/356,674	USA	SYSTEM AND METHOD FOR COMMUNICATION RESOURCE INFORMATION
16043	BCS04822	128142	8379632	US20100303021A1	12/471,852	USA	SIMULTANEOUS DELIVERY OF A TELEPHONY CALL OVER A BROADBAND ACCESS NETWORK AND A CIRCUIT-SWITCHED NETWORK
16044	BCS04822	139067		US20130127978A1	13/739,495	USA	SIMULTANEOUS DELIVERY OF A TELEPHONY CALL OVER A BROADBAND ACCESS NETWORK AND A CIRCUIT-SWITCHED NETWORK
16052	BCS04899	124919	7889721	US20100091796A1	12/250,300	USA	SELECTING AN ADAPTOR MODE AND COMMUNICATING DATA BASED ON THE SELECTED ADAPTOR MODE
16058	BCS04990	126106	8462729	US20100167747A1	12/347,125	USA	METHOD AND APPARATUS TO FACILITATE NETWORK PROCESSES
16079	BCS05190	131492			61/291,063	USA	METHOD AND APPARATUS FOR SCHEDULING AN ACKNOWLEDGEMENT IN A WIRELELESS COMMUNICATION SYSTEM
16080	BCS05190	131590	8279822	US20110158186A1	12/689,274	USA	METHOD AND APPARATUS FOR SCHEDULING AN ACKNOWLEDGEMENT IN A WIRELELESS COMMUNICATION SYSTEM
16081	BCS05191	129899			61/221,777	USA	METHOD AND APPARATUS FOR NEGOTIATION AND NOTIFICATION OF A NETWORK ACCESS TIME PERIOD IN A WIRELESS COMMUNICATION SYSTEM

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16082	BCS05191	133358		US20100330962A1	12/817,350	USA	METHOD AND APPARATUS FOR NEGOTIATION AND NOTIFICATION OF A NETWORK ACCESS TIME PERIOD IN A WIRELESS COMMUNICATION SYSTEM
16091	BCS05318	128037			61/142,513	USA	METHOD FOR IDENTIFYING USER EQUIPMENT TO A FEMTOCELL
16092	BCS05318	131504		US20100173630A1	12/651,708	USA	METHOD FOR IDENTIFYING USER EQUIPMENT TO A FEMTOCELL
16099	BCS05405	128146	8666318	US20100331027A1	12/490,352	USA	METHOD AND APPARATUS FOR MANAGING CELLULAR UPLINK TRANSMISSIONS
16103	BCS05462	133294		US20120084416A1	12/895,059	USA	ADAPTIVE PROTOCOL/INITIALIZATION TECHNIQUE SELECTION
16108	BCS05489	129900		US20110007790A1	12/499,400	USA	METHOD AND APPARATUS FOR OPTIMIZING TARGET ERROR RATES FOR LINK ADAPTATION IN A COMMUNICATION SYSTEM
16124	BCS05722	132891		US20120099537A1	12/908,933	USA	METHOD FOR SIGNALING A MOBILE WIRELESS DEVICE TO SWITCH TO A PRESET CARRIER IN A MULTI-CARRIER 4G NETWORK
16125	BCS05723	128934		US20110007638A1	12/499,868	USA	ARTIFICIAL DELAY INFLATION AND JITTER REDUCTION TO IMPROVE TCP THROUGHPUTS
16126	BCS05733	129341			61/180,401	USA	METHOD FOR CONSERVING RESOURCES DURING WIRELESS HANDOVER OF A DUAL MODE MOBILE STATION
16127	BCS05733	132870	8194615	US20100296483A1	12/774,106	USA	METHOD FOR CONSERVING RESOURCES DURING WIRELESS HANDOVER OF A DUAL MODE MOBILE STATION
16128	BCS05733	137788		US20120236831A1	13/485,336	USA	METHOD FOR CONSERVING RESOURCES DURING WIRELESS HANDOVER OF A MULTI-MODE MOBILE DEVICE
16133	BCS05761	136096		US20120044814A1	13/212,447	USA	UPLINK BUFFER STATUS REPORTING OF RELAY STATIONS IN WIRELESS NETWORKS
16143	BCS05817	137418		US20120257509A1	13/497,300	USA	METHOD AND APPARATUS FOR COMMUNICATING DELIVERY OF DATA PACKETS TO A USER EQUIPMENT IN A WIRELESS COMMUNICATION SYSTEM
16156	BCS05897	130115			61/229,762	USA	MOBILE STATION HANDOFF WITH FLEX DUPLEX CHANNEL ASSIGNMENT IN A WIRELESS COMMUNICATION NETWORK
16157	BCS05897	133476	8391188	US20110026485A1	12/828,990	USA	MOBILE STATION HANDOFF WITH FLEX DUPLEX CHANNEL ASSIGNMENT IN A WIRELESS COMMUNICATION NETWORK
16239	BCS06378	134945		US20120170503A1	12/982,154	USA	METHOD AND APPARATUS FOR CONTROLLING NETWORK ACCESS IN A MULTI TECHOLOGY WIRELESS COMMUNICATION SYSTEM
16246	CE00507UM	94880	7110770	US20050020254A1	10/484,941	USA	NETWORK ELEMENT SYSTEM METHOD COMPUTER PROGRAM AND DATA CARRIER FOR NETWORK OPTIMISATION
16248	CE00532UM	93299	7684813	US20040121766A1	10/696,042	USA	METHOD AND APPARATUS FOR ESTABLISHING DIRECT COMMUNICATION FOR MOBILES IN A RADIO COMMUNICATION SYSTEM
16256	CE01704R	12083	6175588		09/001,248	USA	COMMUNICATION DEVICE AND METHOD FOR INTERFERENCE SUPPRESSION USING ADAPTIVE EQUALIZATION IN A SPREAD SPECTRUM COMMUNICATION SYSTEM
16261	CE03247R	15781	5883897		08/845,293	USA	METHOD AND APPARTUS FOR PROVID ING SYNCHRONIZATION DURING TRA NSCODER SWITCHING INA COMMUNIC ATION SYSTEM
16262	CE03261R	15794	5920550		08/728,727	USA	SYSTEM METHOD AND APPARATUS FOR SOFT HANDOFF
16272	CE03739R	16301	5999815		09/111,974	USA	METHOD AND APPARATUS FOR IMPLE MENTING DIVERSITY FOR A DUAL-M ODE COMMUNICATION UNIT
16274	CE03754R	16325	5966384		09/074,816	USA	METHOD AND APPARATUS FOR DATA TRANSMISSION WITHIN A BROAD-BA ND COMMUNICATION SYSTEM
16278	CE03835R	16432	6353742		09/181,418	USA	METHOD AND APPARATUS FOR BACKHAULING DATA IN A COMMUNICATION SYSTEM
16279	CE03870R	16460	6144651		09/118,639	USA	DATA TRANSMISSION WITHIN A WIR ELESS COMMUNICATION SYSTEM
16283	CE04389N	17158	5825762		08/718,838	USA	APPARATUS AND METHOD FOR PROVI DING WIRELESS COMMUNICATION TO A SECTORIZED COVERAGE AREA
16285	CE04440N	17227	5960350		08/760,498	USA	METHOD AND SYSTEM FOR OPTIMIZING A TRAFFIC CHANNEL IN A WIRELESS COMMUNICATIONS SYSTEM
16292	CE05024N	94055	7185091	US20050114513A1	10/717,769	USA	SYSTEM AND METHOD FOR TRANSMITTING COMPRESSED MESSAGES
16295	CE08071R	17748	6091757		09/229,478	USA	DATA TRANSMISSION WITHIN A SPR EAD SPECTRUM COMMUNICATION SYS TEM
16297	CE08098R	17778	6307846		09/512,140	USA	METHOD AND SYSTEM IN A WIRELESS COMMUNICATION SYSTEM FOR SCHEDULING MESSAGES TO REDUCE THE QUICK PAGING CHANNEL PEAK POWER LEVEL
16301	CE08186R	17865	6252862		09/315,465	USA	METHOD AND APPARATUS FOR ROUTING PACKET DATA IN A COMMUNICATIONS SYSTEM
16305	CE08306R	18002	6865164		09/657,915	USA	PACKET TRANSMISSION METHOD
16306	CE08306R	18003			60/152,741	USA	SUPPORT OF 3G POWER CONTROL
16309	CE08383R	18079	6275488		09/442,250	USA	MULTI-CHANNEL STOP AND WAIT ARQ COMMUNICATION METHOD AND APPARATUS
16310	CE08384R	18086	6308294		09/603,426	USA	ADAPTIVE HYBRID ARQ USING TURBO CODE STRUCTURE
16311	CE08384R	18087			60/166,078	USA	ADAPTIVE HYBRID ARQ USING TURBO CODE STRUCTURE
16314	CE08640R	18274	6414938		09/504,649	USA	A METHOD AND SYSTEM FOR RETRANSMITTING DATA PACKETS IN A COMMUNICATION SYSTEM HAVING VARIABLE DATA RATES
16319	CE09045R	18482	7573958	US20040013213A1	10/198,329	USA	RECEIVER FOR AND METHOD OF RECOVERING TRANSMITTED SYMBOLS IN A H-ARQ PACKET RETRANSMISSION
16320	CE09208RA	18543			60/346,700	USA	PACKET DATA SERVING NODE INITIATED UPDATE FOR A MOBILE COMMUNICATION SYSTEM
16321	CE09208RA	97362	7043249	US20040248577A1	10/497,869	USA	PACKET DATA SERVING NODE INITIATED UPDATES FOR A MOBILE COMMUNICATION SYSTEM
16322	CE09208RA	105811	7539171	US20060126589A1	11/333,866	USA	PACKET DATA SERVING NODE INITIATED UPDATES FOR A MOBILE COMMUNICATION SYSTEM
16325	CE09414I	18618	6904285	US20030236093A1	10/177,948	USA	METHOD AND APPARATUS FOR INTERURBAN DISPATCH PRIVATE CALLING
16331	CE10297R	18678			60/431,556	USA	METHOD AND APPARATUS FOR SUPPORTING MULTIPLE PACKET DATA SERVICE CONNECTIONS
16332	CE10297R	94157	7227848	US20040109423A1	10/727,789	USA	METHOD AND APPARATUS FOR SUPPORTING MULTIPLE PACKET DATA SERVICE CONNECTIONS
16338	CE10431R	94251			60/527,603	USA	METHOD AND APPARATUS REDUCING PTT CALL SETUP DELAYS
16339	CE10431R	96451	7328036	US20050122937A1	10/818,293	USA	METHOD AND APPARATUS REDUCING PTT CALL SETUP DELAYS

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16344	CE10478R	18705	7047310	US20040165530A1	10/374,553	USA	FLOW CONTROL IN A PACKET DATA COMMUNICATION SYSTEM
16345	CE10535R	98459		US20060019687A1	10/894,552	USA	SYSTEM AND METHOD FOR SILENT RETRY
16346	CE10614R	18721	6999759	US20040180677A1	10/389,404	USA	METHOD AND APPARATUS FOR PROVIDING DEFERRABLE DATA SERVICES INA CELLULAR COMMUNICATION SYSTEM
16347	CE10614R	104200	7689208	US20060035633A1	11/257,548	USA	METHOD AND APPARATUS FOR PROVIDING DEFERRABLE DATA SERVICES IN A CELLULAR COMMUNICATION SYSTEM
16348	CE10614R	126123	7945255	US20080293429A1	12/189,928	USA	METHOD AND APPARATUS FOR PROVIDING DEFERABLE DATA SERVICES IN A CELLULAR COMMUNICATION SYSTEM
16353	CE10654R	18725	7016698		10/606,441	USA	METHOD AND APPARATUS FOR MITIGATING POWER-CONTROL ERROS DURING A SOFT-HANDOFF IN A WIRELESS COMMUNICATION SYSTEM
16354	CE10654R	104847		US20060094459A1	11/289,043	USA	METHOD AND APPARATUS FOR MITIGATING POWER-CONTROL ERROS DURING A SOFT-HANDOFF IN A WIRELESS COMMUNICATION SYSTEM
16362	CE10922EP	106968	7376437	US20070038886A1	10/573,006	USA	RADIO RESOURCE MANAGEMENT
16363	CE10975JI121	18750	6934299	US20040246983A1	10/456,074	USA	BEACON PACKET HAVING TRAFFIC INDICATOR FLAG
16374	CE11191JI210	92801	7356594	US20050076122A1	10/678,976	USA	INTERPROCESSOR COMMUNICATION PROTOCOL PROVIDING INTELLIGENT TARGETING OF NODES
16375	CE11215R	18793	6845235	US20050020272A1	10/623,287	USA	METHOD AND APPARATUS IN A WIRELESS COMMUNICATION SYSTEM FOR EXPEDITING A REQUEST FOR UPLINK RESOURCES
16378	CE11295N	104155	7493117	US20060252439A1	10/554,154	USA	METHOD AND APPARATUS FOR CONTROLLING ACCESS TO A MULTIMEDIA BROADCAST MULTICAST SERVICE IN A PACKET DATA COMMUNICATION SYSTEM.
16383	CE11478R	18825	7096026	US20050014506A1	10/622,815	USA	METHOD AND APPARATUS FOR REDUCING CALL SETUP TIME IN A WIRELESS COMMUNICATION SYSTEM
16389	CE11665N	18846			60/489,796	USA	METHOD AND APPARATUS FOR WIRELESS COMMUNICATION IN A HIGH VELOCITY ENVIRONMENT
16390	CE11665N	97524	7558575	US20050020203A1	10/872,636	USA	METHOD AND APPARATUS FOR WIRELESS COMMUNICATION IN A HIGH VELOCITY ENVIRONMENT
16393	CE11716R	97531	7301914	US20050276237A1	10/868,694	USA	SESSION CONTROL USING A MULTICAST ADDRESS
16405	CE12035R	102129			60/685,043	USA	METHOD AND APPARATUS FOR ACCESSING A WIRELESS COMMUNICATION NETWORK
16406	CE12035R	108041	7729696	US20060268768A1	11/436,459	USA	METHOD AND APPARATUS FOR ACCESSING A WIRELESS COMMUNICATION NETWORK
16412	CE12259R	98702	7333797	US20060073834A1	10/948,351	USA	METHOD AND APPARATUS FOR CALL SET UP IN A WIRELESS COMMUNICATION SYSTEM THAT PERMITS A SHARING OF MOBILE IDENTIFIERS
16416	CE12637R	98704	7693284	US20060062319A1	10/947,724	USA	METHOD AND APPARATUS FOR ENCRYPTION OF OVER-THE-AIR COMMUNICATIONS IN A WIRELESS COMMUNICATION SYSTEM
16420	CE13050R	96852			60/566,275	USA	METHOD AND APPARATUS FOR CONTROLLING ACCESS TO A MULTIMEDIA BROADCAST/MULTICAST SERVICE
16424	CE13112R	100225			60/648,683	USA	METHOD AND APPARATUS FOR DYNAMICALLY CHANGING MODES OF A RELIABLE TRANSPORT PROTOCOL
16425	CE13112R	105875		US20060171396A1	11/338,015	USA	METHOD AND APPARATUS FOR DYNAMICALLY CHANGING MODES OF A RELIABLE TRANSPORT PROTOCOL
16431	CE13376R	99348			60/629,929	USA	METHOD AND SYSTEM FOR INTER-TECHNOLOGY ACTIVE HANDOFF OF A HYBRID COMMUNICATION DEVICE
16433	CE13376R	104565	8320326	US20060126564A1	11/273,283	USA	METHOD AND SYSTEM FOR INTER-TECHNOLOGY ACTIVE HANDOFF OF A HYBRID COMMUNICATION DEVICE
16434	CE13376R	104566	7787421	US20060109817A1	11/272,853	USA	METHOD AND SYSTEM FOR INTER-TECHNOLOGY ACTIVE HANDOFF OF A HYBRID COMMUNICATION DEVICE
16436	CE13447R	97734			60/585,608	USA	METHOD AND APPARATUS FOR MANAGING PACKET DATA LOSS IN A WIRELESS NETWORK
16437	CE13447R	102194	7668141	US20060007862A1	11/141,922	USA	METHOD AND APPARATUS FOR MANAGING PACKET DATA LOSS IN A WIRELESS NETWORK
16439	CE13498R	99349			60/629,960	USA	METHOD AND APPARATUS FOR INTER-SYSTEM ACTIVE HANDOFF OF A HYBRID SUBSCRIBER UNIT
16441	CE13498R	104778	7697480	US20060111115A1	11/283,075	USA	METHOD AND APPARATUS FOR INTER-SYSTEM ACTIVE HANDOFF OF A HYBRID SUBSCRIBER UNIT
16442	CE13498R	104779	7983679	US20060111114A1	11/282,331	USA	METHOD AND APPARATUS FOR INTER-SYSTEM ACTIVE HANDOFF OF A HYBRID SUBSCRIBER UNIT
16449	CE13767JSW	102548	7747021	US20060269065A1	11/132,707	USA	METHOD AND APPARATUS FOR FAST SECURE SESSION ESTABLISHMENT ON HALF-DUPLEX POINT-TO-POINT VOICE CELLULAR NETWORK CHANNELS
16450	CE13768JSW	102526	7643817	US20060281480A1	11/132,643	USA	METHOD AND APPARATUS FOR RAPID SECURE SESSION ESTABLISHMENT ON HALF-DUPLEX AD-HOC GROUP VOICE CELLULAR NETWORK CHANNELS
16457	CE13968R	99418			60/632,325	USA	METHOD AND APPARATUS FOR END-TO-END CLEAR TRANSPORT PROTOCOL
16458	CE13968R	104874	7747017	US20060115088A1	11/289,836	USA	METHOD AND APPARATUS FOR END-TO-END CLEAR TRANSPORT PROTOCOL
16474	CE14115R	122362		US20080240037A1	11/913,944	USA	METHOD AND APPARATUS TO FACILITATE MOBILE STATION COMMUNICATIONS USING INTERNTE PROTOCOL-BASED COMMUNICATIONS
16475	CE14257R	101277			60/676,064	USA	METHOD AND APPARATUS FOR LINK LAYER ASSISTED HANDOFF
16476	CE14257R	106280	7623493	US20060245394A1	11/353,716	USA	METHOD AND APPARATUS FOR LINK LAYER ASSISTED HANDOFF
16477	CE14347R	101857			60/681,941	USA	METHOD AND APPARATUS FOR AN EXCHANGE OF PACKET DATA BETWEEN A WIRELESS ACCESS TERMINAL AND A PACKET SWITCHED COMMUNICATION SYSTEM VIA A CIRCUIT SWITCHED COMMUNICATION SYSTEM
16478	CE14347R	107853	7688760	US20060268840A1	11/430,101	USA	METHOD AND APPARATUS FOR AN EXCHANGE OF PACKET DATA BETWEEN A WIRELESS ACCESS TERMINAL AND A PACKET SWITCHED COMMUNICATION SYSTEM VIA A CIRCUIT SWITCHED COMMUNICATION SYSTEM
16494	CE14812R	106969	8102812	US20070223370A1	11/385,367	USA	METHOD AND APPARATUS FOR DATA PACKET TRANSMISSION ON A NETWORK

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16501	CE14944R	111411	8045504	US20080151815A1	11/616,040	USA	METHOD AND APPARATUS FOR FACILITATING NETWORK MOBILITY
16508	CE15169STARS	105354	7640020	US20070142064A1	11/311,518	USA	METHOD AND APPARATUS FOR ASSIGNING BACKHAUL METHODS
16510	CE15293R	127083		US20090097476A1	12/297,442	USA	METHOF AND APPARATUS FOR SUPPORTING VOICE COMMUNICATIONS
16511	CE15316SPD	110117		US20080080559A1	11/537,670	USA	LINK LAYER ASSISTED ROBUST HEADER COMPRESSION CONTEXT UPDATE MANAGEMENT
16513	CE15386JDP	107689	7826419	US20070253362A1	11/412,615	USA	METHOD AND SYSTEM TO IMPROVE TRANSMISSION AND RECEIPT OF CHANNEL DESCRIPTORS
16521	CE15582R	107955	7689228	US20070265013A1	11/434,312	USA	METHOD AND APPARATUS FOR PROVIDING IN-BAND WIRELESS BACKHAUL
16529	CE15900R	115090	8098680	US20090047986A1	11/838,456	USA	METHOD AND SYSTEM FOR MANAGING TRANSMISSIONS IN A WIRELESS COMMUNICATION NETWORK
16530	CE16009JDP	108821	7577449	US20080004044A1	11/427,414	USA	METHOD AND SYSTEM FOR COORDINATING A SLEEP MODE WAKE-UP TIME
16544	CE16187T	114752		US20090023442A1	11/779,979	USA	SYSTEM AND METHOD TO ENABLE UNLICENSED MOBILE ACCESS ACROSS TERMINALS
16548	CE16276JSW	121303	8179862	US20090086684A1	11/866,075	USA	METHOD FOR PREVENTING CO-CHANNEL OPERATION WITH RADAR SYSTEMS
16552	CE16414R	115057	8700070	US20090117924A1	11/936,353	USA	SYSTEM AND METHOD FOR ADAPTIVE MESSAGE RETRANSMISSION
16562	CE16678W	113557	7649839	US20090129276A1	11/943,647	USA	METHOD AND DEVICE FOR MANAGING DATA RATE IN A COMMUNICATION SYSTEM
16577	CE17089	123189	8561135	US20090172798A1	11/966,011	USA	WIRELESS DEVICE AUTHENTICATION USING DIGITAL CERTIFICATES
16578	CE17127N4G	114166		US20080298301A1	11/757,563	USA	METHOD TO SWITCH BETWEEN NETWORK-CONTROLLED AND MOBILE-CONTROLLED MOBILE IP FUNCTIONALITY
16579	CE17139	122714	8244265	US20090137254A1	11/946,208	USA	TECHNIQUES FOR ALIGNING APPLICATION OUTPUT AND UPLINK RESOURCE ALLOCATION IN WIRELESS COMMUNICATION SYSTEMS
16580	CE17139	138016		US20120275421A1	13/547,114	USA	TECHNIQUES FOR ALIGNING APPLICATION OUTPUT AND UPLINK RESOURCE ALLOCATION IN WIRELESS COMMUNICATION SYSTEMS
16588	CE17391	120655		US20090109960A1	11/929,000	USA	METHOD AND APPARATUS FOR A VIRTUAL CIRCUIT DATA AREA WITHIN A PACKET DATA FRAME
16590	CE17423	114260		US20090137240A1	11/946,197	USA	MANAGING SERVICE IN AN ACCESS NETWORK FOR WIRELESS COMMUNICATION
16597	CE17559	120660	8165074	US20090141677A1	11/949,092	USA	TECHNIQUES FOR HANDLING SERVICE FLOWS IN WIRELESS COMMUNICATION SYSTEMS
16604	CE17816	123490		US20090310613A1	12/137,820	USA	METHOD AND SYSTEM FOR INTERMEDIATE NODE QUALITY OF SERVICE NEGOTIATIONS
16616	CE18420	129666	8194572	US20100315971A1	12/484,329	USA	METHOD AND APPARATUS FOR INCREASING PERFORMANCE OF A WIRELESS COMMUNICATION SYSTEM
16621	CE18637	126459		US20100062747A1	12/205,984	USA	INFORMING MOBILE STATIONS OF AN IMPORTANT MESSAGE
16625	CE18739	128300		US20100195587A1	12/366,527	USA	METHOD FOR UPLINK ACKNOWLEDGEMENT NON-ACKNOWLEDGEMENT MESSAGES IN A WIRELESS COMMUNICATION SYSTEM
16626	CE18790	131055	8320292	US20110116433A1	12/620,685	USA	METHOD TO CONTROL A MULTIMEDIA BROADCAST MULTICAST SERVICE MBMS MODE OF A MBMS SESSION IN A COMMUNICATION SYSTEM
16645	CM01867H	34176	5481537		08/221,138	USA	TRANSMISSION ON SIGNALLING TEC HNIQUE FOR A RESERVATION REQUEST
16646	CM02456J	34784	6353617		09/547,238	USA	METHOD FOR ACCESSING A COMMUNICATION MEDIUM
16647	CM02765J	34950	6269402		09/119,135	USA	METHOD FOR PROVIDING SEAMLESS COMMUNICATION ACROSS BEARERS IN A WIRELESS COMMUNICATION
16649	CM02850J	35022	6148203		09/263,538	USA	METHOD FOR REGISTERING A COMMUNICATION DEVICE FOR COMMUNICATION SERVICE
16652	CM03290J	35314	6377808		09/559,451	USA	A METHOD AND APPARATUS FOR ROUTING DATA IN A COMMUNICATION DEVICE
16655	CM03445H	35427	5850611		08/965,691	USA	METHOD AND APPARATUS FOR COMMU NICATING IN A DISPATCH COMMUNI CATION SYSTEM
16657	CM03579H	35472	6529488		09/339,413	USA	MULTPLE FREQUENCY ALLOCATION R ADIO FREQUENCY DEVICE AND METH OD
16658	CM03579H	35473			60/096,962	USA	MULTPLE FREQUENCY ALLOCATION R ADIO FREQUENCY DEVICE AND METH OD
16671	CM04446H	35823	7155255	US20030083102A1	10/053,338	USA	COMMUNICATION EQUIPMENT TRANSCODER DEVICE AND METHOD FOR PROCESSING FRAMES ASSOCIATED WITH A PLURALITY OF WIRELESS PROTOCOLS
16697	CML01184U	97767	7346356	US20060009231A1	10/886,479	USA	METHOD AND COMMUNICATION UNIT FOR USE IN A WIDEBAND WIRELESS COMMUNICATION SYSTEM
16703	CML01563N	114039		US20090225690A1	11/720,871	USA	A NETWORK NODE A COMMUNICATION NETWORK AND A METHOD OF OPERATION THEREFOR
16709	CML01836EV	99356	7675923	US20060120386A1	10/997,482	USA	HOME NETWORK BRIDGE-BASED COMMUNICATIONS METHOD AND APPARATUS
16737	CML02573M	103887	7664091	US20070076677A1	11/242,254	USA	METHOD AND APPARATUS FOR CONTROL CHANNEL TRANSMISSION AND RECEPTION
16738	CML02630N	102480			60/690,728	USA	METHOD AND APPARATUS TO FACILITATE HANDOVER
16739	CML02630N	106259	7532597	US20060285520A1	11/275,998	USA	METHOD AND APPARATUS TO FACILITATE HANDOVER
16740	CML02630N	128922	7944888	US20090190556A1	12/417,811	USA	METHOD AND APPARATUS TO FACILITATE HANDOVER
16807	CML05552MHG	114186		US20090111471A1	11/930,355	USA	IN-CALL HANDOFF BETWEEN CELLULAR AND PACKET SWITCHED NETWORKS
16819	CML05790	120556			60/956,031	USA	MEDIUM ACCESS CONTROL FRAME STRUCTURE IN WIRELESS COMMUNICATION DEVICE
16820	CML05790	126208		US20090067377A1	12/191,042	USA	MEDIUM ACCESS CONTROL FRAME STRUCTURE IN WIRELESS COMMUNICATION DEVICE
16850	CML06441	130067		US20100027490A1	12/508,286	USA	SYSTEM AND METHOD USING MULTIPLE REQUEST TO SEND (RTS) MESSAGES TO ENHANCE WIRELESS COMMUNICATION RESOURCE ALLOCATION
16855	CML06542	124885			61/092,076	USA	A COMMUNICATION NETWORK AND METHOD OF OPERATION THEREFOR

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16856	CML06542	130380		US20100057929A1	12/547,090	USA	A COMMUNICATION NETWORK AND METHOD OF OPERATION THEREFOR
16869	CML06834	126189	7773513	US20100110887A1	12/261,083	USA	ADMISSION CONTROL FOR A HETEROGENEOUS COMMUNICATION SYSTEM
16870	CML06872	130716	8320386	US20110085562A1	12/578,000	USA	AGGREGATING PORTS WHILE ALLOWING ACCESS TO SINGLETON PORTS
16886	CML07342	130144	8160591	US20110034174A1	12/534,995	USA	IN A RADIO NETWORK ENVIRONMENT REDUCING INTERFERENCE AMONG OVERLAPPING CELLS
16887	CML07342	137360		US20130130699A1	13/414,799	USA	IN A RADIO NETWORK ENVIRONMENT REDUCING INTERFERENCE AMONG OVERLAPPING CELLS
16888	CML07342	137362	8254937	US20120172046A1	13/414,812	USA	IN A RADIO NETWORK ENVIRONMENT REDUCING INTERFERENCE AMONG OVERLAPPING CELLS