

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	CONFIRMATORY ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
INTEL IP CORPORATION	05/29/2020
RECEIVING PARTY DATA	
Name:	INTEL CORPORATION
Street Address:	2200 MISSION COLLEGE BOULEVARD
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95054
PROPERTY NUMBERS Total: 6	
Property Type	Number
Application Number:	16646746
Application Number:	16646342
Application Number:	16965731
Application Number:	16977566
Application Number:	16755931
Application Number:	16765628
CORRESPONDENCE DATA	
Fax Number:	(216)579-6073
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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NAME OF SUBMITTER:	JOHN P. MURTAUGH
SIGNATURE:	/johnpmurtaugh/
DATE SIGNED:	02/02/2021
Total Attachments: 64	

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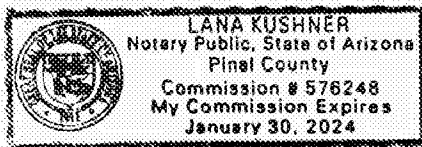
Certificate of Acknowledgement

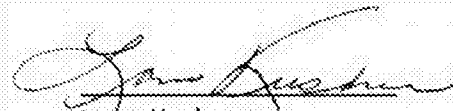
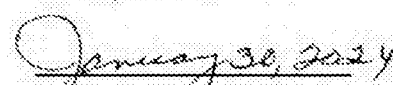
State of **Arizona**)

County of **Maricopa**)

On this 29 day of May, 2020, before me personally

appeared **Kenneth Nelson**, whose identity was proven to me on the basis of satisfactory evidence to be the person who he or she claims to be, and acknowledged that he or she signed the attached document titled, **Confirmatory Assignment Between Intel IP Corporation and Intel Corporation** on behalf of Intel IP Corporation as Assignor and Intel Corporation as Assignee.




Lana Kushner
Notary Public

My commission expires

**Confirmatory Assignment
Between
Intel IP Corporation and Intel Corporation**

THIS CONFIRMATORY ASSIGNMENT is made between:

Intel IP Corporation, a company duly organized and existing under the laws of the State of Delaware, with its principal place of business at 2200 Mission College Boulevard, Santa Clara, CA 95054, United States of America

(the "Assignor").

and

Intel Corporation, a company duly organized and existing under the laws of the State of Delaware, with a principal place of business at 2200 Mission College Boulevard, Santa Clara, CA 95054, United States of America and a previous place of business at 2200 Mission College Boulevard, Santa Clara, CA 95052, United States of America

(the "Assignee").

WHEREAS:

- (a) Assignor was previously the owner of the patents and patent applications in the countries as set forth in the attached "Schedule A" (the "**Transferred Patents Assets**"); and
- (b) Pursuant to a Patent Assignment, dated November 27, 2019 (the "**Patent Assignment**"), Assignor has previously assigned Assignor's entire right, title and interest in and to the Transferred Patent Assets to Assignee; and
- (c) The Patent Assignment included incorrect addresses for Assignee and Assignor (incorrect zip code).

IT IS AGREED THAT:

For good and valuable consideration, the receipt of which is hereby acknowledged by Assignor, Assignor hereby confirms that it has assigned, transferred and conveyed to Assignee, all of its right, title and interests (whether past, present or future) in the Transferred Patent Assets. Assignor and Assignee also agree that Schedule A, which is attached to this Confirmatory Assignment, is a re-organized version of Schedule 1, which was attached to the Patent Assignment.

Assignor and Assignee desire to correct their addresses and agree that the correct addresses for each are as stated above.

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[1]

IN WITNESS WHEREOF, the Assignor and Assignee have caused this Confirmatory Assignment to be executed by their authorized representatives.

Signed on behalf of Assignor this 27th day of
May 2020 by:



Kenneth Nelson
Assistant Director, Intel Patent Group
Intel IP Corporation

Signed on behalf of Assignee this 27th day of
May 2020 by:



Kenneth Nelson
Assistant Director, Intel Patent Group
Intel Corporation

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
6606	SIGNALING EXTENDED EARFCN AND E-UTRA BANDS IN UMTS NETWORKS			US		
6607	AIR INTERFACE SLICING ARCHITECTURE FOR WIRELESS COMMUNICATION SYSTEMS			US		
6608	SLICEABLE RADIO ACCESS NETWORK ARCHITECTURE FOR WIRELESS COMMUNICATIONS			US		
6609	SLICE-BASED OPERATION IN WIRELESS NETWORKS WITH END-TO-END NETWORK SLICING			US		
6610	EVOLVED NODE-B (ENB) USER EQUIPMENT (UE) AND METHODS FOR COMMUNICATION OF A CHANNEL RASTER FREQUENCY OFFSET			US		
6611	INTERFERENCE AID FREQUENCY OFFSET ESTIMATION FOR USER EQUIPMENT	PCT/CN2013/001513	WO2015/081458	WO		6/11/2015
6612	A SYSTEM AND METHOD FOR FREQUENCY CONTROL LOOP IN A MOBILE DEVICE WITH PLURALITY OF SIMS	PCT/CN2013/001633	WO2015/095986	WO		7/2/2015
6613	SYSTEM AND METHOD FOR ROBUST MU-MIMO CQI FEEDBACK IN LTE-A	PCT/CN2014/091012		WO		
6614	DISTRIBUTED PUCCH PHYSICAL RESOURCE BLOCK ALLOCATION	PCT/CN2015/077099		WO		
6615	SYSTEM AND METHOD FOR NON-CONTENTION BASED LOW	PCT/CN2015/079492		WO		
6616	REFERENCE SIGNAL POWER MEASUREMENT FILTERING	PCT/CN2015/082361	WO2016/206051	WO		12/29/2016
6617	USER EQUIPMENT AND CODEBOOK SEARCH METHOD FOR 4TX DUAL CODEBOOK (RAN1)	PCT/CN2015/082363	WO2016/206052	WO		12/29/2016
6618	INTER-BEAM MOBILITY CONTROL IN MASSIVE MIMO SYSTEM	PCT/CN2015/088210		WO		
6619	BEAM INTERPOLATION IN MASSIVE MIMO SYSTEM	PCT/CN2015/089626		WO		
6620	METHOD FOR PERFORMING MOBILE COMMUNICATIONS MOBILE TERMINAL DEVICE AND MOBILE BASEBAND PROCESSING CIRCUIT	PCT/CN2015/089905	WO2017/045188	WO		3/23/2017
6621	CIRCUIT ARRANGEMENT MOBILE DEVICE AND METHOD FOR AMPLIFYING A SIGNAL	PCT/CN2015/090662	WO2017/049563	WO		3/30/2017
6622	ROBUST MEASUREMENT AND DATA RECEIVING	PCT/CN2015/092921		WO		
6623	SERVING GATEWAY/PACKET GATEWAY USER PLANE INTERNET PROTOCOL ADDRESS AND TUNNEL ENDPOINT IDENTIFIER ALLOCATION	PCT/CN2015/094002		WO		
6624	DOWNLINK DATA HANDLING FOR IDLE MODE UE WHEN THE SGW IS SPLIT INTO CONTROL PLANE NODE AND USER PLANE NODE	PCT/CN2015/094005		WO		

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
6625	SOLUTION ON DYNAMIC CONFIGURATION SUPPORT OF SPONSORED DATA CONNECTIVITY RULES	PCT/CN2015/094006		WO		
6626	EVENTS TO TRIGGER BRSRP REPORT	PCT/CN2015/096655		WO		
6627	RADIO COMMUNICATION DEVICE AND METHOD OF MOBILE RADIO CELL MEASUREMENT REPORTING	PCT/CN2015/097665	WO2017/101057	WO		6/22/2017
6628	DEVICE AND METHOD FOR DEVICE TO DEVICE COMMUNICATION	PCT/CN2015/098095	WO2017/107011	WO		6/29/2017
6629	SCHEDULING REQUEST IN MMWAVE SYSTEM	PCT/CN2015/100107		WO		
6630	CONTROL CHANNEL BEAM ASSUMPTION IN ANTENNA PORT SELECTION	PCT/CN2016/073104		WO		
6631	METHOD APPARATUS AND SYSTEM FOR BEAM ACQUISITION IN A WIRELESS SYSTEM	PCT/CN2016/073534	WO2017/132948	WO		8/10/2017
6632	ENABLING SECONDARY CELL IN MASSIVE MIMO SYSTEM	PCT/CN2016/075262		WO		
6633	METHOD APPARATUS AND SYSTEM FOR TRANSMISSION ACKNOWLEDGEMENT CONTROL IN A WIRELESS NETWORK	PCT/CN2016/077422	WO2017/161583	WO		9/28/2017
6634	APPARATUS AND METHOD FOR CONTROL SIGNALING OF CSI-RS	PCT/CN2016/077515	WO2017/166024	WO		10/5/2017
6635	BEAM REFINEMENT REFERENCE SIGNAL FRAME STRUCTURE	PCT/CN2016/077731		WO		
6636	BEAMFORMING ARCHITECTURE FOR MULTI-BEAM MULTIPLE-INPUT-MULTIPLE-OUTPUT (MIMO)	PCT/CN2016/078245	WO2017/166259	WO		10/5/2017
6637	METHOD APPARATUS AND SYSTEM FOR SPONSORED DATA CONNECTIVITY RELATED INFORMATION CONTROL AND TRANSMISSION IN A WIRELESS NETWORK	PCT/CN2016/078272	WO2017/075936	WO		5/11/2017
6638	METHOD APPRATUS AND STSTEM FOR REPORTING BEAM REFERENCE SIGNAL RECEIVING POWER	PCT/CN2016/078388	WO2017/067138	WO		4/27/2017
6639	CHANNEL STATE INFORMATION FEEDBACK CHANNEL	PCT/CN2016/078442	WO2017/063345	WO		4/20/2017
6640	A MULTIPLE BEAM MULTIPLEINPUT-MULTIPLE-OUTPUT SYSTEM	PCT/CN2016/078444	WO2017/173567	WO		10/12/2017
6641	SYSTEM AND METHOD FOR UPLINK SUBBAND BEAMFORMING	PCT/CN2016/079677	WO2017/181345	WO		10/26/2017
6642	CQI REPORTING FOR FLEXIBLE TRANSMISSION MODE SWITCHING	PCT/CN2016/084279	WO2017/206100	WO		12/7/2017
6643	SYSTEM AND METHOD FOR CONTROL CHANNEL BEAM ASSUMPTION	PCT/CN2016/087474	WO2017/133173	WO		8/10/2017
6644	COMMUNICATION DEVICE AND METHOD FOR SELECTING A BEAM DIRECTION	PCT/CN2016/088079	WO2018/000405	WO		1/4/2018
6645	INTRA-FREQUENCY AND INTER-FREQUENCY MEASUREMENT FOR NARROW BAND MACHINE-TYPE COMMUNICATION	PCT/CN2016/088121	WO2017/080229	WO		5/18/2017

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
6646	DOWNLINK CONTROL INFORMATION (DCI) CONFIGURATION	PCT/CN2016/088361	WO2018/006237	WO		1/11/2018
6647	SYSTEM AND METHOD FOR CONFIGURABLE TRACKING REFERENCE SIGNAL	PCT/CN2016/093587		WO		
6648	USER EQUIPMENT BEAM REFINEMENT FOR CONTROL CHANNEL RECEPTION	PCT/CN2016/096021		WO		
6649	SYSTEM AND METHOD FOR BEAMED REFERENCE SIGNAL WITH HYBRID BEAM	PCT/CN2016/105053	WO2017/080436	WO		5/18/2017
6650	CONTROL SIGNALING OF UPLINK SUB-BAND PRECODING	PCT/CN2016/109647		WO		
6651	CONTROL SIGNALING FOR BEAM MANAGEMENT	PCT/CN2017/072940		WO		
6652	PHASE TRACKING REFERENCE SIGNAL (PT-RS) INDICATION IN MULTI-USER SUPERPOSITION TRANSMISSION (MUST)	PCT/CN2017/073928		WO		
6653	CROSS RETRANSMISSION BETWEEN GRANTLESS UPLINK (GUL) AND SCHEDULED UPLINK (SUL)	PCT/CN2017/076076		WO		
6654	NUMEROLOGY CONFIGURATION IN NON-COHERENT JOINT TRANSMISSION	PCT/CN2017/081406		WO		
6655	INTERFERENCE MEASUREMENT USING BEAM MANAGEMENT REFERENCE SIGNAL	PCT/CN2017/082730		WO		
6656	5G RAN1 System and Method for phase noise compensation for diversity based transmission	PCT/CN2017/083009		WO		
6657	5G RAN1 System and method for beam and radio link monitor	PCT/CN2017/084335		WO		
6658	FRAME STRUCTURE FOR UNLICENSED NARROW BAND INTERNET OF THINGS SYSTEM	PCT/CN2017/097039		WO		
6659	BEAMFORMING FOR DYNAMIC CELL SWITCHING	PCT/CN2017/097237	WO2018/028700	WO		2/15/2018
6660	Methods of Frequency Domain Intra-OFDM Symbol Multi RX-Beam Measurement and Dynamic RX Beam Sweeping for 5G NR mmWave	PCT/CN2017/119942	WO2019/127403	WO		7/4/2019
6661	UPLINK (UL) SUB-BAND TRANSMIT PRECODER MATRIX INDICATOR (TPMI) INDICATION	PCT/CN2018/071778		WO		
6662	BEAM INDICATION CONSIDERING BEAM FAILURE RECOVERY IN NEW RADIO (NR) SYSTEMS	PCT/CN2018/072385		WO		
6663	PHASE TRACKING REFERENCE SIGNAL (PT-RS) POWER BOOSTING	PCT/CN2018/072422		WO		
6664	UPLINK BEAM INDICATION IN NEW RADIO (NR) SYSTEMS	PCT/CN2018/072452		WO		
6665	BEAM INDICATION OF DEFAULT TRANSMISSION SCHEME	PCT/CN2018/075394		WO		
6666	BEAM MANAGEMENT FOR CARRIER AGGREGATION (CA)	PCT/CN2018/076918		WO		

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
6667	REFERENCE SIGNAL FOR BEAM FAILURE DETECTION AND RADIO LINK MONITORING	PCT/CN2018/077014		WO		
6668	MulteFire RAN1 method and apparatus for cross retransmission between GUL and SUL	PCT/CN2018/078537	WO2018/161951	WO		9/13/2018
6669	PHYSICAL UPLINK CONTROL CHANNEL (PUCCH) AND PHYSICAL UPLINK SHARED CHANNEL (PUSCH) DEFAULT BEAM CONSIDERING BEAM FAILURE RECOVERY	PCT/CN2018/079452		WO		
6670	CONTENTION BASED BEAM FAILURE RECOVERY OPERATION IN NEW RADIO (NR) SYSTEMS	PCT/CN2018/079530		WO		
6671	5G RAN4 one RRM interruption requirements for the wider bandwidth in NR	PCT/CN2018/080252	WO2018/171730	WO		9/27/2018
6672	BANDWIDTH PART SWITCHING DURING BEAM FAILURE RECOVERY	PCT/CN2018/080636		WO		
6673	PHYSICAL DOWNLINK CONTROL CHANNEL (PDCCH) DEFAULT BEAM OPERATION IN NEW RADIO (NR) SYSTEMS	PCT/CN2018/081702		WO		
6674	A METHOD FOR BEAM FAILURE DETECTION IN NEW RADIO	PCT/CN2018/081938		WO		
6675	QUASI CO-LOCATION (QCL) indication for aperiodic TRACKING REFERENCE SIGNAL (TRS)	PCT/CN2018/082684		WO		
6676	5G RAN1 System and Method for numerology configuration in Non-Coherent Joint Transmission	PCT/CN2018/083870	WO2018/192566	WO		10/25/2018
6677	5G RAN1 A Method for Interference Measurement Using Beam Management Reference Signal	PCT/CN2018/085318	WO2018/202036	WO		11/8/2018
6678	5G RAN1 System and method for beam and radio link monitor	PCT/CN2018/086838	WO2018/210226	WO		11/22/2018
6679	MulteFire RAN1 Design of frame structure and configuration for eMTCU system	PCT/CN2018/090822	WO2018/228374	WO		12/20/2018
6680	A novel method to dynamically reduce TX power according to S-RSRP based path loss in V2X system	PCT/CN2018/096506		WO		
6681	5G RAN1 System and Method for Robust UL Codebook based Transmission	PCT/CN2018/097020	WO2019/020050	WO		1/31/2019
6682	5G RAN1 System and Method for Control Signaling of Uplink Open-Loop Transmission	PCT/CN2018/098959	WO2019/029480	WO		2/14/2019
6683	5G RAN1 System and Method for beam recovery without beam correspondence	PCT/CN2018/099641	WO2019/029626	WO		2/14/2019
6684	5G RAN1 System and Method for data and SS-block or CSI-RS transmission	PCT/CN2018/099672	WO2019/029631	WO		2/14/2019
6685	5G RAN1 System and Method for TRS configuration	PCT/CN2018/104791	WO2019/047945	WO		3/14/2019
6686	5G RAN1 A Method for Beam Failure Recovery Request Transmission in NR	PCT/CN2018/104815	WO2019/047948	WO		3/14/2019

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
6687	5G RAN1 System and method of UL control signaling in multi-TRP operation for NR	PCT/CN2018/104847	WO2019/047950	WO		3/14/2019
6688	5G RAN1 System and methods of channel state information report on PUSCH in NR	PCT/CN2018/104860	WO2019/047952	WO		3/14/2019
6689	5G RAN1 A Method for Beam Grouping in NR	PCT/CN2018/104862	WO2019/047953	WO		3/14/2019
6690	A MOBILE COMMUNICATIONS DEVICE AND A METHOD FOR CONTROLLING A MOBILE COMMUNICATIONS DEVICE RECEIVER	PCT/EP2015/064454	WO2016/206747	WO		12/29/2016
6691	METHODS AND DEVICES FOR CHANNEL ESTIMATION FOR MOBILE SYSTEMS OF INSUFFICIENT CYCLIC PREFIX LENGTH	PCT/EP2016/057395	WO2016/177522	WO		11/10/2016
6692	METHODS AND DEVICES FOR PROVIDING A ROBUST DATA COMMUNICATION BETWEEN A CLIENT AND A SERVER	PCT/EP2016/061449	WO2016/206877	WO		12/29/2016
6693	METHOD AND DEVICE FOR DETERMINING CHANNEL STATE INFORMATION	PCT/EP2016/061543	WO2016/206888	WO		12/29/2016
6694	MULTI-TRANSMISSION CAPABLE DATA TRANSMISSION SYSTEM AND METHOD OF OPERATING THE SAME	PCT/EP2016/061561	WO2016/206891	WO		12/29/2016
6695	METHOD FOR MITIGATING INTERFERENCE AND INTERFERENCE MITIGATING RECEIVER	PCT/EP2016/061593	WO2016/206893	WO		12/29/2016
6696	METHOD FOR POWER SAVING AND POWER SAVING CIRCUIT FOR A MOBILE DEVICE	PCT/EP2016/061596	WO2016/206894	WO		12/29/2016
6697	METHOD AND DEVICE FOR DETECTING A TRANSMISSION FROM AN INTERFERING RADIO CELL	PCT/EP2016/061678	WO2016/206898	WO		12/29/2016
6698	POWER OPTIMIZATION FOR CHANNEL STATE REPORTS IN A WIRELESS COMMUNICATION NETWORK	PCT/EP2016/062528	WO2017/016715	WO		2/2/2017
6699	BEAMFORMING DEVICE	PCT/EP2016/064042	WO2017/012803	WO		1/26/2017
6700	A DECODER AND A METHOD OF DECODING	PCT/EP2016/067295	WO2017/041950	WO		3/16/2017
6701	RADIO RECEIVER AND METHOD FOR DETECTING A LAYER OF A MULTI-LAYERED SIGNAL	PCT/EP2016/068399	WO2017/045833	WO		3/23/2017
6702	ROBUST SNIR ESTIMATION	PCT/EP2016/069373	WO2017/045849	WO		3/23/2017
6703	DEVICE AND METHOD FOR MITIGATING LOWPASS FILTER GROUP DELAY	PCT/EP2016/069479	WO2017/045856	WO		3/23/2017
6704	RECEIVER WITH TUNABLE RECEIVING CHAIN	PCT/EP2016/069810	WO2017/050497	WO		3/30/2017
6705	METHODS AND DEVICES FOR POWER SAVING	PCT/EP2016/069987	WO2017/050512	WO		3/30/2017
6706	CHIP-ENHANCED BATTERY	PCT/EP2016/070823	WO2018/041368	WO		3/8/2018
6707	EQUALIZER AND METHOD FOR EQUALIZING A RECEIVE SIGNAL	PCT/EP2016/077061	WO2017/097527	WO		6/15/2017

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
6708	SYNTHESIS DEVICE AND SYSTEM FOR GENERATING CHANNEL ESTIMATION FILTER COEFFICIENTS	PCT/EP2017/051399	WO2017/153079	WO		9/14/2017
6709	METHOD AND DEVICE FOR REPORTING DRIVE TEST MEASUREMENTS TO A MOBILE NETWORK	PCT/EP2017/054805	WO2017/167533	WO		10/5/2017
6710	LDPC DECODER FOR DECODING CONVOLUTIONAL CODES OR TURBO CODES	PCT/EP2017/071601	WO2018/059856	WO		4/5/2018
6711	METHOD AND DEVICE FOR PROVIDING CQI REPORTS	PCT/EP2017/074510	WO2018/060254	WO		4/5/2018
6712	USER EQUIPMENT WITH ADAPTIVE TRANSMISSION POWER SCALING BASED ON DECODING CONFIDENCE	PCT/EP2018/050871	WO2018/149576	WO		8/23/2018
6713	CODEBOOK DESIGN FOR BEAMFORMED CSI-RS FOR FD-MIMO	PCT/IB2015/002620	WO2017/025768	WO		2/16/2017
6714	LOW OVERHEAD SYSTEM INFORMATION ACQUISITION FOR WIRELESS COMMUNICATION	PCT/IB2015/002621	WO2016/198909	WO		12/15/2016
6715	AN APPARATUS AND A METHOD FOR GENERATING A RADIO FREQUENCY SIGNAL	PCT/IB2015/057375	WO2017/051216	WO		3/30/2017
6716	AN APPARATUS AND A METHOD FOR GENERATING A RADIO FREQUENCY SIGNAL	PCT/IB2015/057377	WO2017/051218	WO		3/30/2017
6717	A CIRCUIT AND A METHOD FOR GENERATING A RADIO FREQUENCY SIGNAL	PCT/IB2016/053355	WO2016/207755	WO		12/29/2016
6718	APPARATUSES AND METHODS FOR SHIFTING A DIGITAL SIGNAL BY A SHIFT TIME TO PROVIDE A SHIFTED SIGNAL	PCT/IB2016/053356	WO2016/207756	WO		12/29/2016
6719	APPARATUS METHOD AND COMPUTER PROGRAM FOR TRANSCEIVERS OF A MOBILE COMMUNICATION SYSTEM	PCT/IB2016/053358	WO2016/207757	WO		12/29/2016
6720	A SYSTEM AND A METHOD FOR DETERMINING A CORRECTION FOR AN OUTPUT VALUE OF A TIME-TO-DIGITAL CONVERTER WITHIN A PHASE-LOCKED LOOP	PCT/IB2016/053359	WO2016/207758	WO		12/29/2016
6721	A RECEIVER AND A METHOD FOR REDUCING A DISTORTION COMPONENT WITHIN A BASEBAND RECEIVE SIGNAL	PCT/IB2016/053360	WO2016/207759	WO		12/29/2016
6722	AN APPARATUS AND A METHOD FOR PREDICTING A FUTURE STATE OF AN ELECTRONIC COMPONENT	PCT/IB2016/053665	WO2017/051264	WO		3/30/2017
6723	PRE-DISTORTION CIRCUIT APPARATUS METHOD AND COMPUTER PROGRAM FOR PRE-DISTORTING TRANSMITTER RADIO TRANSCEIVER MOBILE TRANSCEIVER BASE STATION TRANSCEIVER COMMUNICATION DEVICE STORAGE	PCT/IB2016/053984	WO2018/002694	WO		1/4/2018

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
6724	A RECEIVER AND A METHOD FOR REDUCING A DISTORTION COMPONENT WITHIN A BASEBAND RECEIVE SIGNAL	PCT/IB2016/054507	WO2017/037554	WO		3/9/2017
6725	A METHOD AND AN APPARATUS FOR DETERMINING A NOISE SHAPED QUANTIZED PARAMETER CONTRIBUTING TO THE GENERATION OF AN OUTPUT SIGNAL	PCT/IB2016/054645	WO2017/051268	WO		3/30/2017
6726	A TRANSMITTER AND A METHOD FOR GENERATING AN ANALOG RADIO FREQUENCY TRANSMIT SIGNAL	PCT/IB2016/055145	WO2018/042219	WO		3/8/2018
6727	APPARATUS FOR REDUCING A MAGNETIC COUPLING BETWEEN A FIRST ELECTRONIC CIRCUIT AND A SECOND ELECTRONIC CIRCUIT	PCT/IB2016/056346	WO2017/103702	WO		6/22/2017
6728	APPARATUSES AND METHODS FOR COMPENSATING PHASE FLUCTUATIONS	PCT/IB2017/050409	WO2017/153853	WO		9/14/2017
6729	TRANSCIEVERTRANSMITTERRECEIVER AND METHOD FOR DETERMINING A MINIMUM SUPPLY VOLTAGE FOR RECEIVERS AND TRANSMITTERS	PCT/IB2017/050648	WO2017/168264	WO		10/5/2017
6730	APPARATUSES AND METHODS FOR GENERATING A SECOND DIGITAL SIGNAL BASED ON A FIRST DIGITAL SIGNAL	PCT/IB2017/050662	WO2017/168265	WO		10/5/2017
6731	5G RAN2 Multiple SR configurations DRX and BSR handling in multiple configured BWPs and CA	PCT/KR2018/011588	WO2019/066587	WO		4/4/2019
6732	CONTEXT-RETENTION CONTROLLER AND METHOD FOR CONTEXT RETENTION IN WIRELESS ACCESS NETWORKS	PCT/US2012/057443	WO2013/066531	WO		5/10/2013
6733	HYBRID BEAMFORMING FOR DATA TRANSMISSION	PCT/US2013/048008	WO2014/158206	WO		10/2/2014
6734	ORTHOLOGONAL BEAMFORMING FOR MULTIPLE USER MULTIPLE-INPUT AND MULTIPLE-OUTPUT (MU-MIMO)	PCT/US2013/048639	WO2014/158208	WO		10/2/2014
6735	SEQUENCE GENERATION FOR CELL SPECIFIC REFERENCE SIGNAL (CRS)	PCT/US2013/055414	WO2014/088654	WO		6/12/2014
6736	CENTRALIZED PARTITIONING OF USER DEVICES IN A HETEROGENEOUS WIRELESS NETWORK	PCT/US2013/056666	WO2014/113072	WO		7/24/2014
6737	DEVICE-TO-DEVICE DISCOVERY WITH DIRECT RADIO SIGNALS	PCT/US2013/057709	WO2014/113073	WO		7/24/2014
6738	TECHNIQUES AND SYSTEMS FOR EXTENDED DISCONTINUOUS RECEPTION	PCT/US2013/057882	WO2014/113074	WO		7/24/2014
6739	ENERGY-HARVESTING DEVICES IN WIRELESS NETWORKS	PCT/US2013/058564	WO2014/109797	WO		7/17/2014
6740	FAST SMALL CELL DISCOVERY	PCT/US2013/058579	WO2014/113075	WO		7/24/2014
6741	DISCOVERY SIGNAL IN CLUSTER-BASED SMALL CELL	PCT/US2013/058582	WO2014/113076	WO		7/24/2014
6742	MAPPING SPECIAL SUBFRAMES IN A WIRELESS COMMUNICATION NETWORK	PCT/US2013/060201	WO2014/113078	WO		7/24/2014

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
6743	METHOD APPARATUS AND SYSTEM FOR HANDLING IN-DEVICE COEXISTENCE INTERFERENCE IN A WIRELESS NETWORK	PCT/US2013/061461	WO2014/113080	WO		7/24/2014
6744	COMMUNICATION OF SECURITY KEY INFORMATION	PCT/US2013/061518	WO2014/113082	WO		7/24/2014
6745	WIRELESS LOCAL AREA NETWORK (WLAN) TRAFFIC OFFLOADING	PCT/US2013/061519	WO2014/133589	WO		9/4/2014
6746	LAWFUL INTERCEPTION FOR DEVICE-TO-DEVICE (D2D) COMMUNICATION	PCT/US2013/061630	WO2014/113083	WO		7/24/2014
6747	SYSTEMS AND METHODS FOR ACCESS NETWORK SELECTION AND TRAFFIC ROUTING	PCT/US2013/061897	WO2014/130091	WO		8/28/2014
6748	SYSTEMS AND METHODS FOR EFFICIENT TRAFFIC OFFLOAD WITHOUT SERVICE DISRUPTION	PCT/US2013/061946	WO2014/113084	WO		7/24/2014
6749	SYSTEMS AND METHODS FOR MOBILITY OPTIMIZATION IN A HETEROGENEOUS NETWORK	PCT/US2013/061962	WO2014/113085	WO		7/24/2014
6750	REPORTING OF USER PLANE CONGESTION (UPCON) USING A UPCON CONTAINER	PCT/US2013/062183	WO2014/130092	WO		8/28/2014
6751	USER EQUIPMENT WITH REDUCED POWER CONSUMPTION OPERATIONAL MODES	PCT/US2013/062228	WO2014/130093	WO		8/28/2014
6752	SYSTEMS AND METHODS FOR WLAN NETWORK SELECTION	PCT/US2013/062384	WO2014/130094	WO		8/28/2014
6753	A METHOD AND SYSTEM FOR THE MANAGEMENT OF CELL INTERFERENCE IN A WIRELESS COMMUNICATION NETWORK	PCT/US2013/062395	WO2014/109802	WO		7/17/2014
6754	TECHNIQUES FOR BEAMFORMING TO MITIGATE MULTI-USER LEAKAGE AND INTERFERENCE	PCT/US2013/062401	WO2014/158226	WO		10/2/2014
6755	CHANNEL STATE INFORMATION-REFERENCE SIGNAL PATTERNS FOR TIME DIVISION DUPLEX SYSTEMS IN LONG TERM EVOLUTION WIRELESS NETWORKS	PCT/US2013/062428	WO2014/113087	WO		7/24/2014
6756	SYSTEMS AND METHODS FOR GENERATING A DISCOVERY SIGNAL IN A DEVICE-TO-DEVICE OR NETWORK COMMUNICATION	PCT/US2013/062444	WO2014/113088	WO		7/24/2014
6757	SHARED SPECTRUM REASSIGNMENT IN A SPECTRUM SHARING CONTEXT	PCT/US2013/062455	WO2014/175919	WO		10/30/2014
6758	DYNAMIC CONFIGURATION OF UPLINK (UL) AND DOWNLINK (DL) FRAME RESOURCES FOR A TIME DIVISION DUPLEX (TDD) TRANSMISSION	PCT/US2013/063793	WO2014/113095	WO		7/24/2014
6759	APPARATUS SYSTEM AND METHOD OF COMMUNICATING NON-CELLULAR ACCESS NETWORK INFORMATION OVER A CELLULAR NETWORK	PCT/US2013/064761	WO2014/113103	WO		7/24/2014
6760	NETWORK ASSISTED DEVICE-TO-DEVICE DISCOVERY FOR PEER-TO-PEER APPLICATIONS	PCT/US2013/064865	WO2014/070434	WO		5/8/2014

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
6761	IMPROVED TECHNIQUES FOR USER PLANE CONGESTION MITIGATION	PCT/US2013/068491	WO2014/109818	WO		7/17/2014
6762	USER EQUIPMENT AND METHOD FOR DISTRIBUTED CHANNEL ACCESS FOR D2D COMMUNICATIONS	PCT/US2013/068766	WO2014/158235	WO		10/2/2014
6763	TECHNIQUES FOR CONNECTIONLESS SMALL DATA TRANSMISSION	PCT/US2013/068863	WO2014/133603	WO		9/4/2014
6764	TECHNIQUES FOR DEPLOYING SMALL CELLS AS SECONDARY CELLS FOR USER EQUIPMENT	PCT/US2013/071934	WO2014/113141	WO		7/24/2014
6765	MULTICAST-BASED GROUP COMMUNICATIONS IN AD HOC ARRANGEMENTS OF WIRELESS DEVICES	PCT/US2013/074673	WO2014/133631	WO		9/4/2014
6766	HYBRID REFERENCE SIGNALS FOR WIRELESS COMMUNICATION	PCT/US2013/074692	WO2014/175923	WO		10/30/2014
6767	HYBRID DIGITAL AND ANALOG BEAMFORMING FOR LARGE ANTENNA ARRAYS	PCT/US2013/074747	WO2014/193475	WO		12/4/2014
6768	MULTIPLE RADIO LINK CONTROL (RLC) GROUPS	PCT/US2013/074861	WO2014/185953	WO		11/20/2014
6769	PATH SWITCHING PROCEDURE FOR DEVICE-TO-DEVICE COMMUNICATION	PCT/US2013/074867	WO2014/130143	WO		8/28/2014
6770	TARGETED GROUP-BASED DEVICE DISCOVERY FOR WIRELESS COMMUNICATION DEVICES	PCT/US2013/074871	WO2014/130144	WO		8/28/2014
6771	SPECTRUM SHARING BASED ON SELF-ORGANIZING NETWORKS	PCT/US2013/075100	WO2014/133641	WO		9/4/2014
6772	PHYSICAL RESOURCE BLOCK (PRB)-RESTRICTED INTERFERENCE AVERAGING IN A WIRELESS COMMUNICATION SYSTEM	PCT/US2013/075139	WO2014/133642	WO		9/4/2014
6773	WIRELESS TRANSMISSION PRECODING	PCT/US2013/075161	WO2014/175926	WO		10/30/2014
6774	QUASI CO-LOCATION AND PDSCH RESOURCE ELEMENT MAPPING SIGNALING FOR NETWORK ASSISTED INTERFERENCE MITIGATION	PCT/US2013/075455	WO2014/133650	WO		9/4/2014
6775	SMALL DATA COMMUNICATIONS	PCT/US2013/075462	WO2014/182338	WO		11/13/2014
6776	ENODEB REFERENCE SIGNAL REDUCTION	PCT/US2013/075463	WO2014/158255	WO		10/2/2014
6777	SMALL DATA COMMUNICATIONS	PCT/US2013/075470	WO2014/182339	WO		11/13/2014
6778	REDUCTION OF BUFFER OVERFLOW	PCT/US2013/075474	WO2014/182340	WO		11/13/2014
6779	METHOD AND APPARATUS FOR CONFIGURING AND USING SMALL DATA RADIO BEARERS	PCT/US2013/075633	WO2014/133651	WO		9/4/2014
6780	RADIO LINK MONITORING FOR EPDCCH	PCT/US2013/075726	WO2014/163686	WO		10/9/2014
6781	LOW POWER DEVICE TO DEVICE TRANSMISSION	PCT/US2013/075801	WO2014/158258	WO		10/2/2014
6782	PUCCH RESOURCE COMPRESSION FOR EPDCCH IN TDD MODE	PCT/US2013/075830	WO2014/109873	WO		7/17/2014
6783	CHANNEL QUALITY INDICATION FOR FALLBACK TRANSMISSION MODE OVER NEW CARRIER TYPE	PCT/US2013/075849	WO2014/113171	WO		7/24/2014
6784	CONTENT URL AUTHENTICATION FOR DASH	PCT/US2013/076837	WO2014/113183	WO		7/24/2014

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
6785	DEVICE TO DEVICE COMMUNICATION WITH CLUSTER COORDINATING	PCT/US2013/077120	WO2014/130153	WO		8/28/2014
6786	NETWORK ASSISTED DEVICE TO DEVICE DISCOVERY	PCT/US2013/077129	WO2014/130154	WO		8/28/2014
6787	QUALITY-AWARE RATE ADAPTATION TECHNIQUES FOR DASH STREAMING	PCT/US2013/077142	WO2014/158264	WO		10/2/2014
6788	DUAL CONNECTIVITY FOR TERMINALS SUPPORTING ONE UPLINK CARRIER	PCT/US2013/077163	WO2014/163690	WO		10/9/2014
6789	EXTENDED PAGING DISCONTINUOUS RECEPTION (DRX) CYCLES IN WIRELESS COMMUNICATION NETWORKS	PCT/US2013/077255	WO2014/158268	WO		10/2/2014
6790	METHOD APPARATUS AND SYSTEM FOR MANAGING BEARERS IN A WIRELESS COMMUNICATION SYSTEM	PCT/US2013/077294	WO2014/113190	WO		7/24/2014
6791	DASH-AWARE NETWORK APPLICATION FUNCTION (D-NAF)	PCT/US2013/077497	WO2014/113193	WO		7/24/2014
6792	TECHNIQUES TO FACILITATE DUAL CONNECTIVITY	PCT/US2013/077521	WO2014/158273	WO		10/2/2014
6793	INTERNET PROTOCOL (IP) MULTIMEDIA SUBSYSTEM (IMS) BASED PEER-TO-PEER (P2P) CONTENT DISTRIBUTION	PCT/US2013/077636	WO2014/163691	WO		10/9/2014
6794	NETWORK-ASSISTED LTE CHANNEL ACQUISITION	PCT/US2013/077666	WO2014/163693	WO		10/9/2014
6795	PRESENCE SERVICE USING IMS BASED DASH SERVICE	PCT/US2013/077745	WO2014/113197	WO		7/24/2014
6796	COORDINATION OF CAPACITY AND COVERAGE OPTIMIZATION OF SELF-ORGANIZING NETWORKS	PCT/US2013/077748	WO2014/133662	WO		9/4/2014
6797	UE-BASED D2D DISCOVERY	PCT/US2013/077753	WO2014/130156	WO		8/28/2014
6798	IMPROVED HANDOVER WITH PING PONG AVOIDANCE IN A WIRELESS NETWORK	PCT/US2013/077754	WO2014/130157	WO		8/28/2014
6799	CONTROL OF WLAN SELECTION POLICIES IN ROAMING SCENARIOS	PCT/US2013/077764	WO2014/158274	WO		10/2/2014
6800	ESTABLISHMENT OF CONNECTION TO THE INTERNET IN CELLULAR NETWORK	PCT/US2013/077793	WO2014/158275	WO		10/2/2014
6801	APPARATUS SYSTEM AND METHOD OF USER-EQUIPMENT (UE) CENTRIC TRAFFIC ROUTING	PCT/US2013/077905	WO2014/163696	WO		10/9/2014
6802	APPARATUS SYSTEM AND METHOD OF CELLULAR NETWORK COMMUNICATIONS CORRESPONDING TO A NON-CELLULAR NETWORK	PCT/US2013/077906	WO2014/163697	WO		10/9/2014
6803	WIRELESS LOCAL AREA NETWORK (WLAN) TRAFFIC LOAD MEASUREMENT PROVISIONING TO WIRELESS CELLULAR NETWORKS	PCT/US2013/078112	WO2014/158279	WO		10/2/2014
6804	LINK-AWARE STREAMING ADAPTATION	PCT/US2014/019031	WO2014/134309	WO		9/4/2014
6805	NETWORK-LEVEL DEVICE PROXIMITY DETECTION	PCT/US2014/019290	WO2014/134406	WO		9/4/2014
6806	RADIO ACCESS TECHNOLOGY SELECTION IN A HETEROGENEOUS NETWORK	PCT/US2014/019299	WO2014/134407	WO		9/4/2014

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
6807	NETWORK SELECTION IN A HETEROGENEOUS NETWORK	PCT/US2014/019304	WO2014/134409	WO		9/4/2014
6808	ACCESS POINT POSITION DETERMINATION BY MOBILE DEVICES CROWD SOURCING	PCT/US2014/019842	WO2015/133983	WO		9/11/2015
6809	WIRELESS LOCAL AREA NETWORK (WLAN) SELECTION RULES	PCT/US2014/023022	WO2014/175967	WO		10/30/2014
6810	UPLINK ENHANCEMENTS FOR EFFICIENT OPERATION IN SMALL CELL ENVIRONMENTS	PCT/US2014/023744	WO2014/175968	WO		10/30/2014
6811	QUALITY OF EXPERIENCE AWARE MULTIMEDIA ADAPTIVE STREAMING	PCT/US2014/030967	WO2014/160553	WO		10/2/2014
6812	PROVISIONING OF APPLICATION CATEGORIES AT A USER EQUIPMENT DURING NETWORK CONGESTION	PCT/US2014/031464	WO2014/160611	WO		10/2/2014
6813	PAGING REPETITION FOR INCREASED ROBUSTNESS FOR EXTENDED PAGING CYCLES	PCT/US2014/031509	WO2014/165338	WO		10/9/2014
6814	FAST RADIO LINK RECOVERY FOR LTE NETWORKS	PCT/US2014/031633	WO2014/165346	WO		10/9/2014
6815	METHODS APPARATUSES AND SYSTEMS FOR RETRIEVING DATA FROM A WIRELESS LOCAL AREA NETWORK (WLAN) ACCESS POINT	PCT/US2014/031767	WO2014/186055	WO		11/20/2014
6816	GENERATION AND USE OF A USER EQUIPMENT LOCATION DISTRIBUTION IN A WIRELESS COMMUNICATION NETWORK	PCT/US2014/031768	WO2014/186056	WO		11/20/2014
6817	HANDOVER OF USER EQUIPMENT WITH NON-GBR BEARERS	PCT/US2014/031778	WO2014/160733	WO		10/2/2014
6818	DEVICE-TO-DEVICE (D2D) PREAMBLE DESIGN	PCT/US2014/031845	WO2014/160765	WO		10/2/2014
6819	HARQ TIMING DESIGN FOR A TDD SYSTEM	PCT/US2014/031868	WO2014/160780	WO		10/2/2014
6820	INCREASING SPECTRAL EFFICIENCY IN A HETEROGENEOUS NETWORK	PCT/US2014/031970	WO2014/182382	WO		11/13/2014
6821	MULTIPLE-INPUT MULTIPLE-OUTPUT CELLULAR NETWORK COMMUNICATIONS	PCT/US2014/031972	WO2014/182383	WO		11/13/2014
6822	SYSTEMS METHODS AND DEVICES FOR DISTRIBUTED SCHEDULING FOR DEVICE-TO-DEVICE INTERFERENCE MITIGATION	PCT/US2014/032032	WO2014/175990	WO		10/30/2014
6823	TECHNIQUES FOR WIRELESS NETWORK DISCOVERY AND SELECTION SUPPORT	PCT/US2014/032053	WO2014/160882	WO		10/2/2014
6824	MANAGEMENT TECHNIQUES FOR WIRELESS NETWORK MOBILITY PROCEDURES	PCT/US2014/032057	WO2014/160885	WO		10/2/2014
6825	SYSTEMS AND METHODS USING A CENTRALIZED NODE TO COLLECT RAN USER PLANE CONGESTION INFORMATION	PCT/US2014/032227	WO2014/175997	WO		10/30/2014
6826	NETWORK SELECTION IN A HETEROGENEOUS NETWORK	PCT/US2014/032233	WO2014/186062	WO		11/20/2014
6827	METHOD AND APPARATUS FOR WI-FI LOCATION DETERMINATION	PCT/US2014/032246	WO2015/147876	WO		10/1/2015

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
6828	NETWORK SCHEDULED DEVICE TO DEVICE COMMUNICATION	PCT/US2014/032251	WO2014/165411	WO		10/9/2014
6829	TIMING SYNCHRONIZATION IN DISCOVERY SIGNALS	PCT/US2014/032264	WO2014/160982	WO		10/2/2014
6830	NETWORK ASSISTED INTERFERENCE CANCELLATION AND SUPPRESSION WITH RESPECT TO INTERFERING CONTROL CHANNEL TRANSMISSIONS	PCT/US2014/032266	WO2014/160984	WO		10/2/2014
6831	DIAMETER/XML PROTOCOL CONVERSION	PCT/US2014/032268	WO2014/175999	WO		10/30/2014
6832	NETWORK ASSISTED DEVICE TO DEVICE COMMUNICATION	PCT/US2014/032470	WO2014/182388	WO		11/13/2014
6833	RECONFIGURATION CONTROL CHANNEL RESOURCE MAPPING COLLISION AVOIDANCE	PCT/US2014/032532	WO2014/165517	WO		10/9/2014
6834	USER EQUIPMENT AND METHODS FOR HANDOVER ENHANCEMENT USING SCALED TIME-TO-TRIGGER AND TIME-OF-STAY	PCT/US2014/032697	WO2014/165603	WO		10/9/2014
6835	PATTERN INDICATOR SIGNAL FOR NEW DMRS PATTERN	PCT/US2014/032795	WO2014/165656	WO		10/9/2014
6836	ENHANCED NODE B AND METHOD FOR RRC CONNECTION ESTABLISHMENT FOR SMALL DATA TRANSFERS	PCT/US2014/032797	WO2014/165657	WO		10/9/2014
6837	VIRTUAL CARRIER SENSING MECHANISM FOR LONG TERM EVOLUTION (LTE)	PCT/US2014/032855	WO2014/165690	WO		10/9/2014
6838	USER EQUIPMENT AND METHODS FOR ADAPTING SYSTEM PARAMETERS BASED ON EXTENDED PAGING CYCLES	PCT/US2014/033965	WO2014/176058	WO		10/30/2014
6839	INTERACTIVE ZOOMING IN VIDEO CONFERENCING	PCT/US2014/034307	WO2014/176087	WO		10/30/2014
6840	ARCHITECTURE FOR WEB-BASED REAL-TIME COMMUNICATIONS (WEBRTC) TO ACCESS INTERNET PROTOCOL MULTIMEDIA SUBSYSTEM (IMS)	PCT/US2014/034337	WO2014/176089	WO		10/30/2014
6841	RADIO ACCESS TECHNOLOGY INFORMATION STORAGE IN A MOBILE NETWORK	PCT/US2014/034480	WO2014/176106	WO		10/30/2014
6842	AN APPARATUS AND METHOD FOR CONGESTION CONTROL IN WIRELESS COMMUNICATION NETWORKS	PCT/US2014/034879	WO2014/176200	WO		10/30/2014
6843	SYSTEM AND METHOD FOR INTERFERENCE CANCELLATION AND/OR SUPPRESSION ON PHYSICAL DOWNLINK SHARED CHANNEL AT THE USER EQUIPMENT	PCT/US2014/034966	WO2014/176245	WO		10/30/2014
6844	USER EQUIPMENT AND METHOD FOR FEEDBACK OF USER EQUIPMENT PERFORMANCE METRICS DURING DYNAMIC RADIO SWITCHING	PCT/US2014/035409	WO2014/176480	WO		10/30/2014
6845	DATA RETRANSMISSIONS IN AN ANCHOR-BOOSTER NETWORK	PCT/US2014/037084	WO2014/182774	WO		11/13/2014
6846	SECURITY KEY REFRESH FOR DUAL CONNECTIVITY	PCT/US2014/037316	WO2014/182911	WO		11/13/2014

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
6847	THROUGHPUT CHARACTERIZATION	PCT/US2014/037355	WO2014/182938	WO		11/13/2014
6848	USER EQUIPMENT AND METHODS FOR CODEBOOK SUBSAMPLING FOR ENHANCED 4TX CODEBOOKS	PCT/US2014/039072	WO2014/193718	WO		12/4/2014
6849	REDUCTION OF USER PLANE CONGESTION	PCT/US2014/039116	WO2014/193723	WO		12/4/2014
6850	PROXIMITY-BASED SERVICES DISCOVERY PRIVACY	PCT/US2014/039313	WO2014/193749	WO		12/4/2014
6851	EFFICIENT USER SERVICE OR CONTENT REPRESENTATION FOR DEVICE COMMUNICATION	PCT/US2014/040367	WO2014/194279	WO		12/4/2014
6852	METHOD APPARATUS AND SYSTEM FOR ELECTRICAL DOWNTILT ADJUSTMENT IN A MULTIPLE INPUT MULTIPLE OUTPUT SYSTEM	PCT/US2014/044629	WO2015/020736	WO		2/12/2015
6853	USER EQUIPMENT AND EVOLVED NODE-B SUPPORTING MACHINE TYPE COMMUNICATION AND SMALL DATA COMMUNICATION	PCT/US2014/045903	WO2015/013038	WO		1/29/2015
6854	DYNAMICAL TIME DIVISION DUPLEX UPLINK AND DOWNLINK CONFIGURATION IN A COMMUNICATIONS NETWORK	PCT/US2014/047416	WO2015/013189	WO		1/29/2015
6855	DOWNTILT SELECTION IN A FULL DIMENSIONAL MULTIPLE-INPUT MULTIPLE-OUTPUT SYSTEM	PCT/US2014/047417	WO2015/013190	WO		1/29/2015
6856	NETWORK COVERAGE HOLE DETECTION	PCT/US2014/047421	WO2015/013192	WO		1/29/2015
6857	SIGNALING MESSAGE SYNCHRONIZATION	PCT/US2014/047425	WO2015/013193	WO		1/29/2015
6858	ENABLING DIRECT TRANSPORT LAYER CONNECTIVITY	PCT/US2014/047428	WO2015/013194	WO		1/29/2015
6859	APPARATUS SYSTEM AND METHOD OF SELECTIVELY PROVIDING INTERNET PROTOCOL (IP) SESSION CONTINUITY	PCT/US2014/048110	WO2015/013567	WO		1/29/2015
6860	TECHNIQUES FOR EFFICIENT SMALL CELL DISCOVERY	PCT/US2014/048136	WO2015/013580	WO		1/29/2015
6861	SELECTING A RADIO NODE FOR DATA TRAFFIC OFFLOADING	PCT/US2014/048255	WO2015/013650	WO		1/29/2015
6862	DRX OPERATION FOR UL/DL RECONFIGURATION	PCT/US2014/048954	WO2015/041754	WO		3/26/2015
6863	USER EQUIPMENT REALLOCATION BETWEEN NODES	PCT/US2014/049560	WO2015/020937	WO		2/12/2015
6864	COOPERATIVE MULTIPLE BEAM TRANSMISSION	PCT/US2014/049621	WO2015/020966	WO		2/12/2015
6865	USER EQUIPMENT DISTRIBUTION INFORMATION COLLECTION	PCT/US2014/049939	WO2015/021152	WO		2/12/2015
6866	APPARATUS SYSTEM AND METHOD OF STEERING DATA RADIO BEARER TRAFFIC TO A WIRELESS LOCAL AREA NETWORK LINK	PCT/US2014/050031	WO2015/021214	WO		2/12/2015
6867	METHOD AND SYSTEM OF ADVANCED INTERFERENCE CANCELLATION ON PDSCH AT THE UE	PCT/US2014/050056	WO2015/021229	WO		2/12/2015

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
6868	SYSTEMS AND METHODS FOR MOBILITY STATE ESTIMATION FRAMEWORK FOR LTE NETWORK	PCT/US2014/050101	WO2015/021250	WO		2/12/2015
6869	SIGNALING FOR PROXIMITY SERVICES AND D2D DISCOVERY IN AN LTE NETWORK	PCT/US2014/050128	WO2015/021267	WO		2/12/2015
6870	SIGNALING RADIO BEARER OPTIMIZATIONS AND OTHER TECHNIQUES FOR SUPPORTING SMALL DATA TRANSMISSIONS	PCT/US2014/050147	WO2015/021276	WO		2/12/2015
6871	POWER SAVING MODE OPTIMIZATIONS AND RELATED PROCEDURES	PCT/US2014/050159	WO2015/021284	WO		2/12/2015
6872	COVERAGE EXTENSION LEVEL FOR COVERAGE LIMITED DEVICE	PCT/US2014/050207	WO2015/021315	WO		2/12/2015
6873	USER EQUIPMENT AND METHOD FOR PACKET BASED DEVICE-TO-DEVICE (D2D) DISCOVERY IN AN LTE NETWORK	PCT/US2014/050209	WO2015/021317	WO		2/12/2015
6874	COVERAGE EXTENSION LEVEL FOR COVERAGE LIMITED DEVICE	PCT/US2014/050214	WO2015/021320	WO		2/12/2015
6875	SYSTEMS METHODS AND DEVICES FOR DEVICE-TO-DEVICE DISCOVERY	PCT/US2014/050220	WO2015/047556	WO		4/2/2015
6876	NETWORK MANAGEMENT	PCT/US2014/050289	WO2015/021357	WO		2/12/2015
6877	TECHNIQUES FOR DEVICE-TO-DEVICE COMMUNICATIONS	PCT/US2014/050373	WO2015/021399	WO		2/12/2015
6878	SYSTEMS METHODS AND DEVICES WITH DIFFERENT RADIO LINK FAILURE TIMERS BASED ON USER EQUIPMENT SPEED	PCT/US2014/050731	WO2015/047569	WO		4/2/2015
6879	SYSTEMS METHODS AND DEVICES FOR TRAFFIC OFFLOADING	PCT/US2014/050736	WO2015/047570	WO		4/2/2015
6880	HARQ TIMELINES FOR TDD-FDD CARRIER AGGREGATION	PCT/US2014/051218	WO2015/047580	WO		4/2/2015
6881	APPLICATION CONTEXT MIGRATION FRAMEWORK AND PROTOCOL	PCT/US2014/053433	WO2015/047659	WO		4/2/2015
6882	GENERATION OF RANDOM ACCESS PREAMBLES	PCT/US2014/053461	WO2015/041839	WO		3/26/2015
6883	DEVICES AND METHODS FOR SENDING OR RECEIVING ASSISTANCE DATA	PCT/US2014/055513	WO2015/041959	WO		3/26/2015
6884	EARLY TTT TERMINATION	PCT/US2014/055517	WO2015/041960	WO		3/26/2015
6885	TRANSMISSION OF PHYSICAL BROADCAST CHANNEL (PBCH) CONTENTS	PCT/US2014/055751	WO2015/042004	WO		3/26/2015
6886	SYSTEMS METHODS AND DEVICES FOR EFFICIENT DEVICE-TO-DEVICE CHANNEL CONTENTION	PCT/US2014/055835	WO2015/065608	WO		5/7/2015
6887	TECHNIQUES FOR IDENTIFYING PHYSICAL HYBRID AUTOMATIC REQUEST INDICATOR CHANNEL RESOURCES	PCT/US2014/055837	WO2015/042035	WO		3/26/2015
6888	TECHNIQUES AND CONFIGURATIONS ASSOCIATED WITH MACHINE TYPE COMMUNICATION IN ENHANCED COVERAGE MODE	PCT/US2014/055848	WO2015/042038	WO		3/26/2015

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
6889	CONGESTION CONTROL FOR SHORT MESSAGE SERVICE IN 3RD GENERATION PARTNERSHIP PROJECT (3GPP) SYSTEMS	PCT/US2014/055939	WO2015/042069	WO		3/26/2015
6890	USER EQUIPMENT AND METHODS FOR FAST HANDOVER FAILURE RECOVERY IN 3GPP LTE NETWORK	PCT/US2014/056003	WO2015/042100	WO		3/26/2015
6891	DELIVERY OF TARGETED MEDIA CONTENT	PCT/US2014/056014	WO2015/042106	WO		3/26/2015
6892	CONGESTION MEASUREMENT AND REPORTING FOR REAL-TIME DELAY-SENSITIVE APPLICATIONS	PCT/US2014/056035	WO2015/042117	WO		3/26/2015
6893	COVERAGE ENHANCEMENT AND SEMI-PERSISTENT SCHEDULING SUPPORT IN LTE-TDD SYSTEMS	PCT/US2014/056113	WO2015/060958	WO		4/30/2015
6894	METRICS FOR TRAFFIC STEERING IN A WIRELESS NETWORK	PCT/US2014/056115	WO2015/060959	WO		4/30/2015
6895	TRANSMISSION CONTROL PROTOCOL (TCP) BASED VIDEO STREAMING	PCT/US2014/056212	WO2015/047846	WO		4/2/2015
6896	REDUCTION OF PACKET RETRANSMISSIONS IN DUAL CONNECTIVITY SYSTEMS	PCT/US2014/056242	WO2015/047854	WO		4/2/2015
6897	MITIGATION OF TRAFFIC CONGESTION IN DUAL CONNECTIVITY SYSTEMS	PCT/US2014/056247	WO2015/047858	WO		4/2/2015
6898	USER EQUIPMENT AND PROTOCOL AND METHODS FOR DEVICE-TO-DEVICE COMMUNICATION	PCT/US2014/056316	WO2015/047866	WO		4/2/2015
6899	APPARATUS SYSTEM AND METHOD OF INTERFACING BETWEEN A CELLULAR MANAGER AND A WLAN ACCESS DEVICE	PCT/US2014/056894	WO2015/060971	WO		4/30/2015
6900	USER EQUIPMENT AND MOBILITY MANAGEMENT ENTITY AND METHODS FOR PERIODIC UPDATE IN CELLULAR NETWORKS	PCT/US2014/056909	WO2015/065619	WO		5/7/2015
6901	USER EQUIPMENT (UE) SUPPORTING PACKET-SWITCHED EMERGENCY CALLS OVER IP MULTIMEDIA SUBSYSTEM (IMS)	PCT/US2014/057212	WO2015/060977	WO		4/30/2015
6902	METHODS FOR APERIODIC CSI REPORT TRIGGERING FOR FLEXIBLE SUBFRAMES IN LTE TDD EIMTA SYSTEMS WITH DYNAMIC UL-DL RECONFIGURATION	PCT/US2014/057440	WO2015/048277	WO		4/2/2015
6903	EMERGENCY CALL HANDLING	PCT/US2014/057448	WO2015/060986	WO		4/30/2015
6904	BEARER SPLIT RATIOS FOR DUAL CONNECTIVITY SYSTEMS	PCT/US2014/057454	WO2015/048287	WO		4/2/2015
6905	MOBILITY INFORMATION REPORTING	PCT/US2014/057486	WO2015/060987	WO		4/30/2015
6906	SYNCHRONIZATION OF DEVICE TO DEVICE COMMUNICATION	PCT/US2014/057895	WO2015/065631	WO		5/7/2015
6907	RESOURCE SELECTION IN DEVICE TO DEVICE COMMUNICATION	PCT/US2014/057896	WO2015/065632	WO		5/7/2015
6908	GATEWAY ARRANGEMENTS FOR WIRELESS COMMUNICATION NETWORKS	PCT/US2014/060511	WO2015/065701	WO		5/7/2015

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
6909	TECHNIQUES AND CONFIGURATIONS ASSOCIATED WITH USER EQUIPMENT-INITIATED CONGESTION REPORTING	PCT/US2014/061498	WO2015/065761	WO		5/7/2015
6910	SIGNALING FOR INTER-CELL D2D DISCOVERY IN AN LTE NETWORK	PCT/US2014/061569	WO2015/065768	WO		5/7/2015
6911	RESOURCE ALLOCATION FOR D2D DISCOVERY IN AN LTE NETWORK	PCT/US2014/062349	WO2015/065881	WO		5/7/2015
6912	USER EQUIPMENT AND EVOLVED NODE-B AND METHODS FOR OPERATION IN A COVERAGE ENHANCEMENT MODE	PCT/US2014/062533	WO2015/065947	WO		5/7/2015
6913	WIRELESS LOCAL AREA NETWORK (WLAN) CONNECTIVITY OPTION DISCOVERY	PCT/US2014/062811	WO2015/066123	WO		5/7/2015
6914	USER EQUIPMENT AND METHODS OF BEARER OPERATION FOR CARRIER AGGREGATION	PCT/US2014/063080	WO2015/066281	WO		5/7/2015
6915	SIGNALING EXTENDED EARFCN AND E-UTRA BANDS IN UMTS NETWORKS	PCT/US2014/063434	WO2015/066476	WO		5/7/2015
6916	POWER HEADROOM REPORTING WITH DUAL CONNECTIVITY	PCT/US2014/064426	WO2015/102747	WO		7/9/2015
6917	AUTONOMOUS ENHANCED NODE B	PCT/US2014/068847	WO2015/102811	WO		7/9/2015
6918	METHOD AND EVOLVED NODE-B FOR GEOGRAPHIC BIN DATA COLLECTION AND REPORTING	PCT/US2014/068888	WO2015/102812	WO		7/9/2015
6919	METHOD APPARATUS AND SYSTEM FOR MEASURING A POSITION OF A USER EQUIPMENT IN A WIRELESS NETWORK	PCT/US2014/072166	WO2015/167617	WO		11/5/2015
6920	ADAPTIVE PAGING TECHNIQUES FOR EXTENDED COVERAGE-CAPABLE DEVICES	PCT/US2015/000200	WO2016/122436	WO		8/4/2016
6921	TRANSMISSION OF UPLINK CONTROL INFORMATION IN WIRELESS SYSTEMS	PCT/US2015/000244	WO2017/044066	WO		3/16/2017
6922	MULTIBAND DATA DELIVERY DEVICE AND METHOD	PCT/US2015/000250	WO2017/111778	WO		6/29/2017
6923	VIRTUAL MOBILE MANAGEMENT ENTITY MANAGEMENT	PCT/US2015/000252	WO2017/018965	WO		2/2/2017
6924	MEASUREMENT GAP ENHANCEMENT TO REDUCE MEASUREMENT DELAY	PCT/US2015/000259	WO2016/182526	WO		11/17/2016
6925	INDICATION OF TDD UPLINK AND DOWNLINK CONFIGURATIONS	PCT/US2015/000260	WO2017/034506	WO		3/2/2017
6926	MEASUREMENT GAP CONFIGURATION IN DUAL CONNECTIVITY ENHANCEMENT	PCT/US2015/000272	WO2016/182527	WO		11/17/2016
6927	CONFIGURATION OF NON-UE-SPECIFIC SEARCH SPACE FOR M-PDCCH	PCT/US2015/000284	WO2017/026971	WO		2/16/2017
6928	UCI FOR CARRIER AGGREGATION	PCT/US2015/000292	WO2017/026972	WO		2/16/2017
6929	LAYER 2 RELAY PROTOCOLS AND MOBILITY RELAY METHOD	PCT/US2015/000296	WO2017/014716	WO		1/26/2017
6930	SYNCHRONIZATION SIGNALS FOR LICENSE ASSISTED ACCESS	PCT/US2015/000299	WO2017/078656	WO		5/11/2017
6931	SYSTEM AND METHODS FOR PRECODED TRANSMISSIONS FOR NARROWBAND TRANSMISSIONS WITHIN WIDER SYSTEM BANDWIDTH	PCT/US2015/000307	WO2016/122437	WO		8/4/2016

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
6932	TRANSMISSION OF UPLINK CONTROL INFORMATION IN WIRELESS SYSTEMS	PCT/US2015/000312	WO2017/048215	WO		3/23/2017
6933	RADIO RESOURCE CONTROL IN CELLULAR/WLAN AGGREGATION	PCT/US2015/000333	WO2017/034508	WO		3/2/2017
6934	APPARATUS SYSTEM AND METHOD OF PROCESSING PDCP PDUs OF AN E-RAB	PCT/US2015/000335	WO2016/118103	WO		7/28/2016
6935	COMMUNICATION OF CONGESTION CONTROL INFORMATION	PCT/US2015/000338	WO2016/118104	WO		7/28/2016
6936	APPARATUS SYSTEM AND METHOD OF COMMUNICATING BETWEEN A CELLULAR MANAGER AND A USER EQUIPMENT (UE) VIA A WLAN NODE	PCT/US2015/000342	WO2017/018968	WO		2/2/2017
6937	APPARATUS SYSTEM AND METHOD OF CELLULAR-ASSISTED FINE TIME MEASUREMENT	PCT/US2015/000348	WO2017/026976	WO		2/16/2017
6938	ENHANCED SUPPORT VEHICLE-TO-ANYTHING (V2X) COMMUNICATION	PCT/US2015/000358	WO2016/209196	WO		12/29/2016
6939	PAGING ENHANCEMENT FOR EXTENDED DRX IN CELLULAR SYSTEMS	PCT/US2015/000359	WO2016/182530	WO		11/17/2016
6940	MANAGING ASPECTS OF RECEIVE BEAMFORMING	PCT/US2015/000376	WO2017/034509	WO		3/2/2017
6941	ADAPTIVE VIDEO CONTENT FOR CELLULAR COMMUNICATION	PCT/US2015/000406	WO2016/204712	WO		12/22/2016
6942	LOW LATENCY CONTENTION BASED SCHEDULING REQUEST	PCT/US2015/000407	WO2016/204713	WO		12/22/2016
6943	NETWORK DISCOVERY AND BEAM ACQUISITION FOR BEAM CELL OPERATION	PCT/US2015/000425	WO2017/023232	WO		2/9/2017
6944	CONTENTION FREE PHYSICAL UPLINK SHARED CONTROL CHANNEL (PUSCH) TRANSMISSION USING LISTEN BEFORE TALK	PCT/US2015/000427	WO2016/182533	WO		11/17/2016
6945	CARRIER-SENSING TECHNIQUES FOR LTE-BASED TRANSMISSIONS OVER UNLICENSED CARRIERS	PCT/US2015/000439	WO2016/163973	WO		10/13/2016
6946	HARQ FEEDBACK CONFIGURATION TECHNIQUES FOR BROADBAND WIRELESS COMMUNICATION NETWORKS	PCT/US2015/000441	WO2017/026979	WO		2/16/2017
6947	ENERGY DETECTION THRESHOLD ADAPTATION FOR LICENSED ASSISTED ACCESS OF LTE IN UNLICENSED BAND	PCT/US2015/000447	WO2017/026981	WO		2/16/2017
6948	MACHINE TYPE COMMUNICATION RELAYING	PCT/US2015/000451	WO2017/030520	WO		2/23/2017
6949	BEARER BINDING IN THE PRESENCE OF A UE-TO-NETWORK RELAY	PCT/US2015/000465	WO2017/034511	WO		3/2/2017
6950	RECEIVED SIGNAL STRENGTH INDICATOR MEASUREMENT FOR LICENSED ASSISTED ACCESS	PCT/US2015/000467	WO2017/026984	WO		2/16/2017
6951	DISCOVERY REFERENCE SIGNAL TRANSMISSION FOR LTE IN UNLICENSED BAND	PCT/US2015/000496	WO2017/026985	WO		2/16/2017
6952	FALLBACK MECHANISM TO DETECT ENHANCED COVERAGE USAGE	PCT/US2015/000514	WO2017/026986	WO		2/16/2017

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
6953	SYSTEMS METHODS AND DEVICES TO SUPPORT A FAST TDD CONFIGURATION INDICATION	PCT/US2015/010235	WO2015/103579	WO		7/9/2015
6954	SYSTEMS AND METHODS FOR MODULATION AND CODING SCHEME SELECTION AND CONFIGURATION	PCT/US2015/010271	WO2015/103588	WO		7/9/2015
6955	APPARATUS SYSTEM AND METHOD OF PROVIDING OFFLOADABILITY INFORMATION TO A USER-EQUIPMENT (UE)	PCT/US2015/010295	WO2015/103596	WO		7/9/2015
6956	APPARATUS SYSTEM AND METHOD OF ACCESS NETWORK DISCOVERY AND SELECTION FUNCTION (ANDSF) FOR TRAFFIC OFFLOADING	PCT/US2015/010298	WO2015/103598	WO		7/9/2015
6957	TECHNIQUES FOR A DEVICE TRIGGER RECALL/REPLACE PROCEDURE	PCT/US2015/010309	WO2015/103604	WO		7/9/2015
6958	SYSTEMS METHODS AND DEVICES FOR HYBRID FULL-DIMENSIONAL MULTIPLE-INPUT MULTIPLE-OUTPUT	PCT/US2015/010326	WO2015/103612	WO		7/9/2015
6959	CLIENT/SERVER SIGNALING COMMANDS FOR DASH	PCT/US2015/010353	WO2015/103627	WO		7/9/2015
6960	DISCONTINUOUS RECEPTION (DRX) ALIGNMENT TECHNIQUES FOR DUAL-CONNECTIVITY ARCHITECTURES	PCT/US2015/010354	WO2015/103628	WO		7/9/2015
6961	SYSTEMS AND METHODS FOR MODULATION AND CODING SCHEME SELECTION AND CONFIGURATION	PCT/US2015/010358	WO2015/103630	WO		7/9/2015
6962	SYSTEMS METHODS AND DEVICES FOR APPLICATION AWARE ACCESS CONTROL FOR COMMUNICATION ON A MOBILE NETWORK	PCT/US2015/010360	WO2015/103631	WO		7/9/2015
6963	SYSTEMS METHODS AND DEVICES FOR MULTIPLE SIGNAL CO-EXISTENCE IN MULTIPLE-USE FREQUENCY SPECTRUM	PCT/US2015/010370	WO2015/103632	WO		7/9/2015
6964	SYSTEMS METHODS AND DEVICES FOR ENHANCING SPECTRAL EFFICIENCY WITH NETWORK-ASSISTED ADVANCED RECEIVERS	PCT/US2015/010374	WO2015/103635	WO		7/9/2015
6965	INTERACTIVE VIDEO CONFERENCING	PCT/US2015/010385	WO2015/103644	WO		7/9/2015
6966	SYSTEMS METHODS AND DEVICES FOR APPLICATION SPECIFIC ROUTING IN DUAL CONNECTIVITY	PCT/US2015/011427	WO2015/116387	WO		8/6/2015
6967	APPARATUS SYSTEM AND METHOD OF CONTROLLING RADIO ACCESS TECHNOLOGY (RAT) COMMUNICATION MANAGERS	PCT/US2015/011889	WO2015/116412	WO		8/6/2015
6968	APPARATUS SYSTEM AND METHOD OF SECURING COMMUNICATIONS OF A USER EQUIPMENT (UE) IN A WIRELESS LOCAL AREA NETWORK	PCT/US2015/011891	WO2015/116413	WO		8/6/2015
6969	SCHEDULING FOR AN UNLICENSED CARRIER TYPE	PCT/US2015/012383	WO2015/126563	WO		8/27/2015
6970	MEASUREMENT GAP PATTERNS	PCT/US2015/012498	WO2015/126568	WO		8/27/2015

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
6971	ENABLING D2D FUNCTIONALITY FOR PUBLIC SAFETY APPLICATIONS	PCT/US2015/013282	WO2015/116676	WO		8/6/2015
6972	SYSTEMS METHODS AND DEVICES FOR CHANNEL RESERVATION	PCT/US2015/013469	WO2015/116789	WO		8/6/2015
6973	SYSTEMS METHODS AND DEVICES FOR SELECTIVE INTERFERENCE COORDINATION IN A CELLULAR PROTOCOL	PCT/US2015/013473	WO2015/116791	WO		8/6/2015
6974	APPLICATION SPECIFIC CONGESTION CONTROL IN A WIRELESS NETWORK	PCT/US2015/013541	WO2015/116829	WO		8/6/2015
6975	SYSTEMS METHODS AND DEVICES FOR IMPROVED INTER-FREQUENCY MEASUREMENT	PCT/US2015/013691	WO2015/116901	WO		8/6/2015
6976	SYSTEM AND METHOD TO MEASURE AN ERROR RATE OF A WIRELESS LOCAL AREA NETWORK	PCT/US2015/014249	WO2015/167634	WO		11/5/2015
6977	REFERENCE SIGNAL ENHANCEMENT FOR SHARED CELL	PCT/US2015/014368	WO2015/142433	WO		9/24/2015
6978	APPARATUS SYSTEM AND METHOD OF IDENTIFYING A WIRELESS DOCKING STATION	PCT/US2015/014701	WO2015/134146	WO		9/11/2015
6979	SYSTEMS METHODS AND DEVICES FOR DEVICE-TO-DEVICE DISCOVERY AND COMMUNICATION	PCT/US2015/015454	WO2015/138076	WO		9/17/2015
6980	APPARATUSES SYSTEMS AND METHODS FOR MEASURING QUALITY OF CELL DISCOVERY SIGNAL	PCT/US2015/015505	WO2015/138077	WO		9/17/2015
6981	SYSTEMS METHODS AND DEVICES FOR OPPORTUNISTIC NETWORKING	PCT/US2015/015664	WO2015/138081	WO		9/17/2015
6982	SYSTEMS METHODS AND DEVICES FOR DEVICE-TO-DEVICE COMMUNICATION MODE SELECTION	PCT/US2015/015700	WO2015/138083	WO		9/17/2015
6983	CONVEYANCE OF APPLICATION COMMUNICATION PATTERNS FROM AN EXTERNAL APPLICATION SERVER TO A 3RD GENERATION PARTNERSHIP PROJECT SYSTEM	PCT/US2015/015778	WO2015/138084	WO		9/17/2015
6984	METHODS SYSTEMS AND DEVICES FOR MODULATION AND CODING SCHEME SIGNALING FOR COMMON CONTROL CHANNEL	PCT/US2015/016643	WO2015/142469	WO		9/24/2015
6985	DEVICE SYSTEM AND METHOD OF CONFIGURING A RADIO TRANSCEIVER	PCT/US2015/016794	WO2015/127187	WO		8/27/2015
6986	USER EQUIPMENT COMPUTER READABLE MEDIUM AND METHOD TO DETERMINE THE MOBILITY OF USER EQUIPMENT IN A LONG-TERM EVOLUTION NETWORK	PCT/US2015/016844	WO2015/127223	WO		8/27/2015
6987	CIRCUIT SWITCHED FALLBACK	PCT/US2015/017140	WO2015/127384	WO		8/27/2015
6988	USER EQUIPMENT AND EVOLVED NODE-B AND METHODS FOR RANDOM ACCESS FOR MACHINE TYPE COMMUNICATION	PCT/US2015/017235	WO2015/127424	WO		8/27/2015
6989	SYSTEMS METHODS AND DEVICES FOR DISTRIBUTED SETUP FOR A DEVICE-TO-DEVICE SESSION	PCT/US2015/017483	WO2015/148034	WO		10/1/2015

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
6990	USER EQUIPMENT GENERATION AND SIGNALING OF FEEDBACK FOR SUPPORTING ADAPTIVE DEMODULATION REFERENCE SIGNAL TRANSMISSION	PCT/US2015/017747	WO2015/148041	WO		10/1/2015
6991	METHOD APPARATUS AND COMPUTER READABLE MEDIUM FOR SWITCHING BETWEEN LOWER ENERGY AND HIGHER ENERGY WIRELESS COMMUNICATION TECHNIQUES	PCT/US2015/019160	WO2015/142543	WO		9/24/2015
6992	METHOD AND APPARATUS TO ASSIST NETWORK TRAFFIC	PCT/US2015/019338	WO2015/138265	WO		9/17/2015
6993	APPARATUS AND METHODS FOR REDUCING SOFT BUFFER SIZE IN MTC DEVICES	PCT/US2015/019453	WO2015/142553	WO		9/24/2015
6994	ENHANCED NODE B UE AND METHOD FOR SELECTING CELL DISCOVERY SIGNALS IN LTE NETWORKS	PCT/US2015/019655	WO2015/138418	WO		9/17/2015
6995	CHANNEL RESERVATION FOR OPERATION IN AN UNLICENSED SPECTRUM	PCT/US2015/019994	WO2015/167672	WO		11/5/2015
6996	LOAD BALANCING IN A WIRELESS CELLULAR NETWORK BASED ON USER EQUIPMENT MOBILITY	PCT/US2015/019999	WO2015/167673	WO		11/5/2015
6997	APPARATUSES SYSTEMS AND METHODS FOR DIFFERENTIATION OF PAYLOAD SIZE FOR D2D DISCOVERY	PCT/US2015/020437	WO2015/148158	WO		10/1/2015
6998	DYNAMIC DECLARATION OF CONFORMITY AND CERTIFICATION FOR RADIO APPLICATION DISTRIBUTION	PCT/US2015/020549	WO2015/167677	WO		11/5/2015
6999	APPARATUS SYSTEM AND METHOD OF SECURING COMMUNICATIONS OF A USER EQUIPMENT (UE) IN A WIRELESS LOCAL AREA NETWORK	PCT/US2015/022125	WO2015/148434	WO		10/1/2015
7000	USER EQUIPMENT AND METHODS FOR HANDOVER USING MEASUREMENT REPORTING BASED ON MULTIPLE EVENTS	PCT/US2015/022169	WO2015/167697	WO		11/5/2015
7001	TECHNIQUES FOR COORDINATED APPLICATION OF WIRELESS NETWORK SELECTION AND TRAFFIC ROUTING RULES	PCT/US2015/022250	WO2015/148507	WO		10/1/2015
7002	USER EQUIPMENT AND METHODS FOR MEASUREMENT OF REFERENCE SIGNAL RECEIVED QUALITY	PCT/US2015/022399	WO2015/167700	WO		11/5/2015
7003	CHANNEL ACCESS PRIORITY FOR DISTRIBUTED D2D	PCT/US2015/022692	WO2015/167707	WO		11/5/2015
7004	PDCCH DESIGN FOR NARROWBAND DEPLOYMENT	PCT/US2015/022739	WO2016/018469	WO		2/4/2016
7005	NON-ORTHOGONAL MULTIPLE ACCESS (NOMA) WIRELESS SYSTEMS AND METHODS	PCT/US2015/022869	WO2015/167714	WO		11/5/2015
7006	SOLUTION TO SKIP AUTHENTICATION PROCEDURE DURING CIRCUIT-SWITCHED FALLBACK (CSFB) TO SHORTEN CALL SETUP TIME	PCT/US2015/022960	WO2015/167720	WO		11/5/2015

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
7007	APPARATUS METHOD AND SYSTEM OF ESTABLISHING A CONNECTION BETWEEN A CELLULAR NODE AND A CORE NETWORK	PCT/US2015/023223	WO2015/167728	WO		11/5/2015
7008	APPARATUS SYSTEM AND METHOD OF COMMUNICATING WIRELESS LOCAL AREA NETWORK (WLAN) OFFLOADING INFORMATION BETWEEN CELLULAR MANAGERS	PCT/US2015/024001	WO2015/171221	WO		11/12/2015
7009	TECHNIQUES TO MANAGE RADIO FREQUENCY CHAINS	PCT/US2015/024806	WO2015/171237	WO		11/12/2015
7010	MOBILITY MANAGEMENT ENTITY USER EQUIPMENT AND METHODS FOR MACHINE TYPE COMMUNICATION	PCT/US2015/024878	WO2015/171242	WO		11/12/2015
7011	TENTATIVE GRANT FOR EFFICIENT DEVICE TO DEVICE COMMUNICATIONS	PCT/US2015/024946	WO2015/171245	WO		11/12/2015
7012	SYSTEMS METHODS AND DEVICES FOR PRIORITIZING INTER-FREQUENCY MEASUREMENTS	PCT/US2015/024996	WO2015/171249	WO		11/12/2015
7013	SYSTEMS METHODS AND DEVICES FOR CONFIGURING MEASUREMENT GAPS FOR DUAL CONNECTIVITY	PCT/US2015/025186	WO2015/171253	WO		11/12/2015
7014	SYSTEMS METHODS AND DEVICES FOR CELL SELECTION BASED ON PRIORITIZED NODES	PCT/US2015/025189	WO2015/171254	WO		11/12/2015
7015	SYSTEMS METHODS AND DEVICES FOR SYNCHRONIZATION SOURCE SELECTION FOR DEVICE-TO-DEVICE COMMUNICATION	PCT/US2015/025387	WO2015/171261	WO		11/12/2015
7016	SYSTEMS METHODS AND DEVICES FOR FLEXIBLE RETRANSMISSIONS	PCT/US2015/025431	WO2015/171262	WO		11/12/2015
7017	SYSTEMS DEVICES AND METHODS FOR ALIGNMENT PROCEDURES IN DUAL-CONNECTIVITY NETWORKS	PCT/US2015/027119	WO2015/171318	WO		11/12/2015
7018	SYSTEMS DEVICES AND METHODS FOR LONG TERM EVOLUTION AND WIRELESS LOCAL AREA INTERWORKING	PCT/US2015/027123	WO2015/171320	WO		11/12/2015
7019	USER EQUIPMENT AND METHODS FOR HANDOVER INITIATION	PCT/US2015/027471	WO2015/164712	WO		10/29/2015
7020	SIMULTANEOUS SCHEDULING REQUEST TRANSMISSION IN DUAL CONNECTIVITY	PCT/US2015/027710	WO2015/167981	WO		11/5/2015
7021	LISTEN BEFORE TALK PROTOCOL SELECTION	PCT/US2015/027811	WO2015/168028	WO		11/5/2015
7022	LAWFUL INTERCEPT REPORTING IN WIRELESS NETWORKS USING PUBLIC SAFETY RELAYS	PCT/US2015/029450	WO2015/171750	WO		11/12/2015
7023	SYSTEMS DEVICES AND METHODS FOR INTERWORKING BETWEEN A UNIVERSAL MOBILE TELECOMMUNICATIONS SYSTEM (UMTS) NETWORK AND A WIRELESS LOCAL AREA NETWORK (WLAN)	PCT/US2015/029740	WO2015/171926	WO		11/12/2015
7024	USER EQUIPMENT AND METHODS TO INDICATE POWER SAVING MODE CONFIGURATION TO RAN NODES	PCT/US2015/029830	WO2015/171984	WO		11/12/2015

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
7025	PRIORITIZED CELL IDENTIFICATION AND MEASUREMENT METHOD	PCT/US2015/029953	WO2015/172061	WO		11/12/2015
7026	COMMUNICATION SYSTEMS AND METHODS	PCT/US2015/031513	WO2015/187357	WO		12/10/2015
7027	COMMUNICATION SYSTEMS AND METHODS	PCT/US2015/033392	WO2015/199902	WO		12/30/2015
7028	DEVICES AND METHOD FOR RETRIEVING AND UTILIZING NEIGHBORING WLAN INFORMATION FOR LTE LAA OPERATION	PCT/US2015/033549	WO2015/187565	WO		12/10/2015
7029	EVOLVED NODE-B USER EQUIPMENT AND METHODS FOR HYBRID AUTOMATIC REPEAT REQUEST (HARQ) COMMUNICATION	PCT/US2015/033677	WO2015/187623	WO		12/10/2015
7030	SYSTEM AND METHOD FOR TDD COMMUNICATIONS	PCT/US2015/034066	WO2016/014155	WO		1/28/2016
7031	LTE-U COMMUNICATION DEVICES AND METHODS FOR APERIODIC BEACON AND REFERENCE SIGNAL TRANSMISSION	PCT/US2015/034141	WO2015/199932	WO		12/30/2015
7032	TRANSMISSION OF COMMON CONTROL MESSAGES FOR MACHINE-TYPE COMMUNICATION (MTC) USER EQUIPMENTS WITH REDUCED BANDWIDTH	PCT/US2015/034274	WO2016/048422	WO		3/31/2016
7033	NEIGHBOR CELL SYSTEM INFORMATION PROVISIONING	PCT/US2015/034957	WO2016/014159	WO		1/28/2016
7034	SYSTEM AND METHOD FOR MEASUREMENT REPORTING IN AN UNLICENSED SPECTRUM	PCT/US2015/034958	WO2016/003610	WO		1/7/2016
7035	CONTROL OF TRAFFIC FROM APPLICATIONS WHEN THIRD PARTY SERVERS ENCOUNTER PROBLEMS	PCT/US2015/035937	WO2016/022213	WO		2/11/2016
7036	SYSTEMS METHODS AND DEVICES FOR PROXIMITY SERVICES FOR MULTI-CARRIER CAPABLE MOBILE DEVICES	PCT/US2015/036261	WO2016/022214	WO		2/11/2016
7037	SYSTEMS APPARATUSES AND METHODS FOR LIGHTWEIGHT OVER-THE-AIR SIGNALING MECHANISMS IN DATA COMMUNICATIONS	PCT/US2015/036327	WO2016/014179	WO		1/28/2016
7038	LOAD BALANCING SCHEMES FOR IDLE MODE USER EQUIPMENT	PCT/US2015/036687	WO2016/025078	WO		2/18/2016
7039	MOBILE COMMUNICATION IN MACRO-CELL ASSISTED SMALL CELL NETWORKS	PCT/US2015/037361	WO2016/053426	WO		4/7/2016
7040	TECHNIQUES FOR SECURELY RECEIVING CRITICAL COMMUNICATION CONTENT ASSOCIATED WITH A CRITICAL COMMUNICATION SERVICE	PCT/US2015/037576	WO2016/003750	WO		1/7/2016
7041	USER EQUIPMENT AND METHOD FOR COMMUNICATING ON CELLS CONFIGURED FOR LICENSED ASSISTED ACCESS (LAA)	PCT/US2015/037632	WO2016/073039	WO		5/12/2016
7042	SYSTEMS AND METHODS FOR VARIED CELL BARRING TIMES	PCT/US2015/037735	WO2016/018542	WO		2/4/2016

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
7043	METHOD AND APPARATUS OF UE AND ENB FOR MTC WITH NARROWBAND DEPLOYMENT	PCT/US2015/037745	WO2015/200667	WO		12/30/2015
7044	APPARATUSES SYSTEMS AND METHODS FOR PROBABILISTIC TRANSMISSION OF DEVICE-TO-DEVICE (D2D) DISCOVERY MESSAGES	PCT/US2015/037885	WO2016/048428	WO		3/31/2016
7045	POSITIONING WITH WLAN TIME OF FLIGHT	PCT/US2015/037910	WO2016/126280	WO		8/11/2016
7046	METHODS APPARATUS OF ENB AND UE FOR MTC WITH NARROWBAND DEPLOYMENT	PCT/US2015/038000	WO2015/200804	WO		12/30/2015
7047	AN APPARATUS AND METHOD ENHANCING QUALITY OF SERVICE ARCHITECTURE FOR LTE	PCT/US2015/038010	WO2016/003805	WO		1/7/2016
7048	PREVENTING A MOBILE DEVICE FROM REPEATING A REQUEST TOWARD A MOBILE NETWORK	PCT/US2015/038064	WO2016/003818	WO		1/7/2016
7049	APPARATUSES SYSTEMS AND METHODS FOR PAGING ENHANCEMENTS FOR LOW COMPLEXITY USER EQUIPMENT	PCT/US2015/038657	WO2016/004102	WO		1/7/2016
7050	INCREASED CARRIER MONITORING	PCT/US2015/038674	WO2016/048429	WO		3/31/2016
7051	NETWORK FUNCTIONS VIRTUALIZATION	PCT/US2015/038675	WO2016/048430	WO		3/31/2016
7052	MODIFIED ARCHITECTURE FOR CLOUD RADIO ACCESS NETWORKS AND APPROACH FOR COMPRESSION OF FRONT-HAUL DATA	PCT/US2015/038679	WO2016/039839	WO		3/17/2016
7053	CODEBOOK FOR FULL-DIMENSION MULTIPLE INPUT MULTIPLE OUTPUT COMMUNICATIONS	PCT/US2015/041600	WO2016/048440	WO		3/31/2016
7054	DOWNLINK CONTROL INFORMATION (DCI) DESIGN FOR LTE DEVICES	PCT/US2015/041800	WO2016/053450	WO		4/7/2016
7055	METHODS AND APPARATUSES OF WLAN ALARM NOTIFICATION IN CELLULAR NETWORKS	PCT/US2015/042068	WO2016/057101	WO		4/14/2016
7056	CONNECTION CONTROL FOR MACHINE TYPE COMMUNICATION (MTC) DEVICES	PCT/US2015/042975	WO2016/064458	WO		4/28/2016
7057	VIRTUALIZED NETWORK FUNCTION MANAGEMENT	PCT/US2015/043826	WO2016/022698	WO		2/11/2016
7058	DEVICE SYSTEM AND METHOD EMPLOYING UNIFIED FLEXIBLE 5G AIR INTERFACE	PCT/US2015/044628	WO2016/130175	WO		8/18/2016
7059	PRINCIPAL EIGEN BEAM QUANTIZATION FOR MIMO SYSTEMS	PCT/US2015/044737	WO2016/011461	WO		1/21/2016
7060	METHODS AND APPARATUS OF EVOLVED NODE B AND USER EQUIPMENT FOR CAPABILITY INFORMATION SETTING	PCT/US2015/044763	WO2016/025548	WO		2/18/2016
7061	SYSTEM AND METHOD OF MTC DEVICE OPERATIONS	PCT/US2015/046548	WO2016/048519	WO		3/31/2016
7062	SYSTEM AND METHOD OF HANDLING UPLINK TRANSMISSION COLLISION FOR ENHANCED COVERAGE MODE UES	PCT/US2015/046671	WO2016/048522	WO		3/31/2016

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
7063	SMOOTH UE TRANSFER WITHIN AN EVOLVED PACKET CORE	PCT/US2015/047222	WO2016/048573	WO		3/31/2016
7064	SYSTEMS AND METHODS FOR MANAGING CIRCUIT SWITCHED FALLBACK CALLS	PCT/US2015/047230	WO2016/053520	WO		4/7/2016
7065	COVERAGE CONSTRAINED DEVICES AND PAGING METHOD	PCT/US2015/048061	WO2016/057137	WO		4/14/2016
7066	OPPORTUNISTIC SIGNAL TRANSMISSION FOR INTER-RAT CO-EXISTENCE	PCT/US2015/048496	WO2016/057144	WO		4/14/2016
7067	METHODS AND APPARATUSES FOR MACHINE-TYPE COMMUNICATIONS IN CELLULAR NETWORKS	PCT/US2015/048682	WO2016/167828	WO		10/20/2016
7068	APPARATUS SYSTEM AND METHOD OF RELAY BACKHAULING WITH MILLIMETER WAVE CARRIER AGGREGATION	PCT/US2015/049532	WO2016/044069	WO		3/24/2016
7069	APPARATUS AND METHOD OF PROVIDING A FLEXIBLE GUARD INTERVAL FOR BLOCK SINGLE CARRIER TRANSMISSION	PCT/US2015/049713	WO2016/114824	WO		7/21/2016
7070	CARRIAGE OF MEDIA CONTENT QUALITY INFORMATION	PCT/US2015/050025	WO2016/060766	WO		4/21/2016
7071	USER EQUIPMENT AND METHODS FOR PHYSICAL UPLINK CONTROL CHANNEL (PUCCH) RESOURCE ALLOCATION AND COMMUNICATION	PCT/US2015/050250	WO2016/171748	WO		10/27/2016
7072	SYSTEMS METHODS AND APPARATUSES FOR BEARER SPLITTING IN MULTI-RADIO HETNET	PCT/US2015/051045	WO2016/064499	WO		4/28/2016
7073	SYSTEMS METHODS AND DEVICES FOR RADIO ACCESS TECHNOLOGY COORDINATION	PCT/US2015/051171	WO2016/137532	WO		9/1/2016
7074	SYSTEMS METHODS AND DEVICES FOR UPLINK TRANSMISSIONS WITH REDUCED SIGNALING OVERHEAD	PCT/US2015/051432	WO2016/153548	WO		9/29/2016
7075	APPARATUS SYSTEM AND METHOD OF WIRELESS LOCAL AREA NETWORK (WLAN) SETTING OF A USER EQUIPMENT (UE)	PCT/US2015/052080	WO2016/049386	WO		3/31/2016
7076	APPARATUS SYSTEM AND METHOD OF OFFLOADING TRAFFIC OF A SECONDARY CELL GROUP (SCG)	PCT/US2015/052081	WO2016/144383	WO		9/15/2016
7077	UPLINK TRAFFIC CONTROL METHOD IN TIGHTLY INTEGRATED WIFI/LTE	PCT/US2015/052189	WO2016/060823	WO		4/21/2016
7078	SEAMLESS MOBILITY FOR 5G AND LTE SYSTEMS AND DEVICES	PCT/US2015/052392	WO2016/195735	WO		12/8/2016
7079	ATTENTION (AT) COMMANDS FOR PACKET DATA NETWORK CONNECTION OFFLOAD	PCT/US2015/052444	WO2016/186685	WO		11/24/2016
7080	USER EQUIPMENT AND METHODS FOR CSI MEASUREMENTS WITH REDUCED BANDWIDTH SUPPORT	PCT/US2015/053947	WO2016/073099	WO		5/12/2016
7081	SYSTEM AND METHOD TO ADDRESS RESOURCE COLLISION FOR ASYMMETRIC REGION ALLOCATION	PCT/US2015/054089	WO2016/073106	WO		5/12/2016

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
7082	APPARATUS SYSTEM AND METHOD OF COMMUNICATING BETWEEN A CELLULAR MANAGER AND A USER EQUIPMENT (UE) VIA A WLAN ACCESS DEVICE	PCT/US2015/054161	WO2016/073113	WO		5/12/2016
7083	RAN PAGING MECHANISM TO ENABLE ENHANCED COVERAGE MODE	PCT/US2015/054230	WO2016/073118	WO		5/12/2016
7084	COMPUTING APPARATUS WITH CROSS-SUBFRAME SCHEDULING	PCT/US2015/054318	WO2016/073122	WO		5/12/2016
7085	ARCHITECTURE FOR WIRELESS NETWORK ACCESS	PCT/US2015/054879	WO2017/062028	WO		4/13/2017
7086	AN APPARATUS AND METHOD FOR NETWORK ASSISTED DOMAIN SELECTION	PCT/US2015/055436	WO2016/081098	WO		5/26/2016
7087	METHODS AND APPARATUSES FOR FLEXIBLE MOBILE STEERING IN CELLULAR NETWORKS	PCT/US2015/055898	WO2016/061436	WO		4/21/2016
7088	SYSTEMS AND METHODS FOR SIGNALING IN AN INCREASED CARRIER MONITORING WIRELESS COMMUNICATION ENVIRONMENT	PCT/US2015/056011	WO2016/081116	WO		5/26/2016
7089	DEVICE SYSTEM AND METHOD OF QUASI-ORTHOGONAL MULTIPLE ACCESS	PCT/US2015/056152	WO2016/153555	WO		9/29/2016
7090	SYSTEMS METHODS AND DEVICES FOR DIRECT COMMUNICATION	PCT/US2015/056179	WO2016/118199	WO		7/28/2016
7091	METHODS AND APPARATUSES TO FORM SELF-ORGANIZED MULTI-HOP MILLIMETER WAVE BACKHAUL LINKS	PCT/US2015/056758	WO2016/065068	WO		4/28/2016
7092	SYSTEMS METHODS AND DEVICES FOR DIRECT COMMUNICATION USING A PC5 PROTOCOL	PCT/US2015/057371	WO2016/118202	WO		7/28/2016
7093	INTERACTIVE VIDEO CONFERENCING	PCT/US2015/058734	WO2016/089519	WO		6/9/2016
7094	EARLY TERMINATION OF REPEATED TRANSMISSIONS FOR MTC	PCT/US2015/059016	WO2016/073591	WO		5/12/2016
7095	ENHANCED PHYSICAL DOWNLINK CONTROL CHANNEL IN MACHINE-TYPE COMMUNICATION	PCT/US2015/059303	WO2016/073762	WO		5/12/2016
7096	SYSTEMS APPARATUSES AND METHODS FOR MANAGING USER EQUIPMENT MOBILITY INFORMATION	PCT/US2015/060266	WO2016/094019	WO		6/16/2016
7097	QUANTIZED EIGEN BEAMS FOR CONTROLLING ANTENNA ARRAY ELEMENTS IN A WIRELESS NETWORK	PCT/US2015/060592	WO2016/081303	WO		5/26/2016
7098	TRAFFIC ENGINEERING IN HETEROGENEOUS MILLIMETER-WAVE AND LTE SMALL CELL SYSTEMS	PCT/US2015/060597	WO2016/099728	WO		6/23/2016
7099	NETWORK-INITIATED DISCOVERY AND PATH SELECTION PROCEDURES FOR MULTI-HOP UNDERLAY NETWORKS	PCT/US2015/060655	WO2016/109032	WO		7/7/2016
7100	SUBSCRIBER IDENTITY MODULE PROVIDER APPARATUS FOR OVER-THE-AIR PROVISIONING OF SUBSCRIBER IDENTITY MODULE CONTAINERS AND METHODS	PCT/US2015/060865	WO2016/099735	WO		6/23/2016

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
7101	LISTEN BEFORE TALK (LBT) DESIGN FOR UPLINK LICENSED ASSISTED ACCESS (LAA) OPERATION IN UNLICENSED BAND	PCT/US2015/060902	WO2016/081375	WO		5/26/2016
7102	USER EQUIPMENT (UE) AND METHODS FOR DYNAMIC MILLIMETER WAVE PENCIL CELL COMMUNICATION	PCT/US2015/061486	WO2017/019116	WO		2/2/2017
7103	REFERENCE SIGNAL PRESENCE DETECTION BASED LICENSE ASSISTED ACCESS AND REFERENCE SIGNAL SEQUENCE DESIGN	PCT/US2015/061829	WO2016/099801	WO		6/23/2016
7104	DEVICE AND METHOD TO IMPROVE HORIZONTAL AND VERTICAL POSITIONING ACCURACY	PCT/US2015/062281	WO2016/122761	WO		8/4/2016
7105	PROVISIONING OF APPLICATION CATEGORIES AT A USER EQUIPMENT DURING NETWORK CONGESTION	PCT/US2015/062790	WO2016/111769	WO		7/14/2016
7106	USER EQUIPMENT AND METHOD FOR TRANSMITTING A DATA STREAM TO AN EVOLVED NODE B	PCT/US2015/063456	WO2016/099889	WO		6/23/2016
7107	TRANSMISSION DESIGNS FOR RADIO ACCESS TECHNOLOGIES	PCT/US2015/063803	WO2016/171765	WO		10/27/2016
7108	PDCP STATUS REPORTING FOR MULTI-RAT OFFLOADING	PCT/US2015/064448	WO2016/186697	WO		11/24/2016
7109	PUBLIC SAFETY DISCOVERY AND COMMUNICATION USING A UE-TO-UE RELAY	PCT/US2015/064467	WO2016/114864	WO		7/21/2016
7110	DEVICES AND METHODS FOR HARQ-ACK FEEDBACK SCHEME ON PUSCH IN WIRELESS COMMUNICATION SYSTEMS	PCT/US2015/064477	WO2016/118240	WO		7/28/2016
7111	DEVICES AND METHODS FOR EPDCCH MONITORING IN WIRELESS COMMUNICATION SYSTEMS	PCT/US2015/064497	WO2016/118241	WO		7/28/2016
7112	TECHNIQUES FOR MONITORING VIRTUALIZED NETWORK FUNCTIONS OR NETWORK FUNCTIONS VIRTUALIZATION INFRASTRUCTURE	PCT/US2015/064689	WO2016/114866	WO		7/21/2016
7113	SYSTEM AND METHODS FOR SUPPORT OF FREQUENCY HOPPING FOR UES WITH REDUCED BANDWIDTH SUPPORT	PCT/US2015/064763	WO2016/122782	WO		8/4/2016
7114	AGGREGATED SIGNALING FOR MACHINE TYPE COMMUNICATION (MTC) DEVICES	PCT/US2015/064820	WO2017/099766	WO		6/15/2017
7115	UE-TO-NETWORK RELAY INITIATION AND CONFIGURATION	PCT/US2015/064833	WO2016/182597	WO		11/17/2016
7116	UPLINK SCHEDULING FOR LICENSE ASSISTED ACCESS	PCT/US2015/064925	WO2016/122784	WO		8/4/2016
7117	NON-CONTENTION BASED LOW LATENCY SCHEDULING REQUEST TRANSMISSION	PCT/US2015/064964	WO2016/186698	WO		11/24/2016
7118	TRANSMIT BEAMFORMING	PCT/US2015/065161	WO2017/030601	WO		2/23/2017
7119	LAA (LICENSE ASSISTED ACCESS) BURST CONTROL INFORMATION	PCT/US2015/065230	WO2016/122786	WO		8/4/2016

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
7120	JOINT PROCESSING OF TRANSPORT BLOCKS ON MULTIPLE COMPONENT CARRIERS FOR CA (CARRIER AGGREGATION) AND LAA (LICENSE ASSISTED ACCESS)	PCT/US2015/065254	WO2016/105978	WO		6/30/2016
7121	EVOLVED NODE-B (ENB) USER EQUIPMENT (UE) AND METHODS FOR FLEXIBLE DUPLEX COMMUNICATION	PCT/US2015/065284	WO2017/044141	WO		3/16/2017
7122	BEAMFORMING TRAINING REFERENCE SIGNAL DESIGN	PCT/US2015/065341	WO2017/030602	WO		2/23/2017
7123	USER EQUIPMENT RADIO-FREQUENCY AND BAND CAPABILITY FOR CARRIER AGGREGATION MEASUREMENT GAP	PCT/US2015/065519	WO2016/164081	WO		10/13/2016
7124	UPLINK RESOURCE COLLISION REDUCTION IN FD-MIMO	PCT/US2015/065522	WO2016/204807	WO		12/22/2016
7125	USER EQUIPMENT (UE) AND METHODS FOR COMMUNICATION USING DIRECTIONAL TRANSMISSION AND RECEPTION	PCT/US2015/065548	WO2017/007502	WO		1/12/2017
7126	DYNAMIC PARTITION RESOURCE ALLOCATION IN 5G NETWORKS	PCT/US2015/065770	WO2016/209311	WO		12/29/2016
7127	USER EQUIPMENT CONTROLLED MOBILITY IN AN EVOLVED RADIO ACCESS NETWORK	PCT/US2015/066000	WO2016/164083	WO		10/13/2016
7128	PERFORMING MISSION CRITICAL COMMUNICATIONS AT A USER EQUIPMENT (UE)	PCT/US2015/066149	WO2017/023352	WO		2/9/2017
7129	COMMUNICATION TERMINAL AND METHOD FOR PERFORMING A CELL SELECTION OR RESELECTION	PCT/US2015/066544	WO2017/105474	WO		6/22/2017
7130	COMMUNICATION TERMINAL AND METHOD FOR CHANNEL ESTIMATION	PCT/US2015/066581	WO2017/105477	WO		6/22/2017
7131	AN APPARATUS AND METHOD FOR REPORTING SYSTEM FRAME NUMBER (SFN) AND SUBFRAME OFFSET IN DUAL CONNECTIVITY (DC) ENHANCEMENT	PCT/US2015/066631	WO2017/034604	WO		3/2/2017
7132	ACK/NACK SIGNALS FOR NEXT GENERATION LTE DEVICES AND SYSTEMS	PCT/US2015/066655	WO2016/204811	WO		12/22/2016
7133	RADIO NETWORK ACCESS OF WEARABLE DEVICES	PCT/US2015/066666	WO2017/044143	WO		3/16/2017
7134	DUAL CONNECTIVITY FOR RELIABILITY	PCT/US2015/066688	WO2017/039736	WO		3/9/2017
7135	POSITIONING REFERENCE SYSTEM (PRS) DESIGN ENHANCEMENT	PCT/US2015/066740	WO2016/164085	WO		10/13/2016
7136	DISTRIBUTED LINK SCHEDULING TECHNIQUE FOR DEVICE TO DEVICE COMMUNICATION	PCT/US2015/066744	WO2017/003508	WO		1/5/2017
7137	POWER HEADROOM REPORTING WITH CHANNEL SELECTION	PCT/US2015/066772	WO2016/122803	WO		8/4/2016
7138	A Successive Joint Channel Estimation based Interference Cancellation Scheme against Colliding Interferences	PCT/US2015/066832	WO2017/105509	WO		6/22/2017
7139	PHYSICAL BROADCAST CHANNEL DESIGN	PCT/US2015/066922	WO2017/019120	WO		2/2/2017

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
7140	BEAMFORMED PHYSICAL DOWNLINK CONTROL CHANNELS (BPDCCHS) FOR NARROW BEAM BASED WIRELESS COMMUNICATION	PCT/US2015/066935	WO2017/039737	WO		3/9/2017
7141	COMMUNICATION DEVICE AND METHOD FOR PERFORMING RADIO COMMUNICATION	PCT/US2015/066969	WO2017/111882	WO		6/29/2017
7142	SYSTEMS METHODS AND DEVICES FOR LICENSED SHARED ACCESS MANAGEMENT WITH DISTRIBUTED INFORMATION STORAGE	PCT/US2015/066994	WO2016/114905	WO		7/21/2016
7143	ENHANCED SOUNDING REFERENCE SIGNALING FOR UPLINK BEAM TRACKING	PCT/US2015/067014	WO2017/027055	WO		2/16/2017
7144	WIRELESS PERSONAL AREA NETWORK UNDERLYING CELLULAR NETWORKS	PCT/US2015/067049	WO2017/039738	WO		3/9/2017
7145	DYNAMICALLY BEAMFORMED CONTROL CHANNEL FOR BEAMFORMED CELLS	PCT/US2015/067071	WO2017/062050	WO		4/13/2017
7146	CONVERGENCE LAYER FOR 5G COMMUNICATION SYSTEMS	PCT/US2015/067077	WO2017/014802	WO		1/26/2017
7147	DEVICE AND METHOD OF CONFIGURABLE SYNCHRONIZATION SIGNAL AND CHANNEL DESIGN	PCT/US2015/067078	WO2016/182602	WO		11/17/2016
7148	SECURE DIRECT DISCOVERY AMONG USER EQUIPMENT	PCT/US2015/067088	WO2017/027056	WO		2/16/2017
7149	METHODS AND APPARATUSES FOR CHANNEL ESTIMATION FOR NB-PBCH IN NB-LTE SYSTEMS	PCT/US2015/067094	WO2017/039739	WO		3/9/2017
7150	REFERENCE SIGNALS FOR INITIAL ACQUISITION IN 5G SYSTEMS	PCT/US2015/067102	WO2017/044144	WO		3/16/2017
7151	SYSTEMS METHODS AND DEVICES FOR SHARING A WIRELESS MEDIUM USING LISTEN BEFORE TALK	PCT/US2015/067108	WO2017/052677	WO		3/30/2017
7152	USER EQUIPMENT CAPABILITY REPORTING	PCT/US2015/067158	WO2017/027057	WO		2/16/2017
7153	DEVICES AND METHODS OF USING NETWORK FUNCTION VIRTUALIZATION AND VIRTUALIZED RESOURCES PERFORMANCE DATA TO IMPROVE PERFORMANCE	PCT/US2015/067280	WO2017/058274	WO		4/6/2017
7154	INTER-BEAM MOBILITY CONTROL IN MIMO COMMUNICATION SYSTEMS	PCT/US2015/067290	WO2017/034607	WO		3/2/2017
7155	BEAM INTERPOLATION IN MASSIVE MIMO SYSTEMS	PCT/US2015/067320	WO2017/048311	WO		3/23/2017
7156	LATENCY REDUCTION TECHNIQUES FOR RADIO ACCESS NETWORKS	PCT/US2015/067331	WO2016/195754	WO		12/8/2016
7157	CELL SPECIFIC GROUP MEASUREMENT GAP FOR CARRIER AGGREGATION	PCT/US2015/067342	WO2016/164087	WO		10/13/2016
7158	IMS EMERGENCY CALL ROUTING TECHNIQUES	PCT/US2015/067357	WO2017/027058	WO		2/16/2017
7159	APPLICATION SPECIFIC CONGESTION CONTROL FOR DATA COMMUNICATIONS	PCT/US2015/067378	WO2016/118282	WO		7/28/2016

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
7160	OTDOA (OBSERVED TIME DIFFERENCE OF ARRIVAL) POSITIONING ENHANCEMENT BY USING HETEROGENEOUS REFERENCE SIGNALS	PCT/US2015/067400	WO2016/122812	WO		8/4/2016
7161	ADAPTIVE VIDEO STREAMING USING DYNAMIC RADIO ACCESS NETWORK INFORMATION	PCT/US2015/067428	WO2016/204815	WO		12/22/2016
7162	CARRIER AGGREGATION ENHANCEMENTS FOR UNLICENSED SPECTRUM AND 5G	PCT/US2015/067518	WO2016/122814	WO		8/4/2016
7163	SYSTEMS AND METHODS FOR AGGREGATING AN ENHANCED MULTIMEDIA BROADCAST MULTICAST SERVICE OVER MULTIPLE FREQUENCY CARRIERS	PCT/US2016/012867	WO2016/130250	WO		8/18/2016
7164	SYSTEMS METHODS AND DEVICES FOR DEVICE-TO-DEVICE RELAY COMMUNICATION	PCT/US2016/013195	WO2016/144425	WO		9/15/2016
7165	ELECTRONIC DEVICES AND METHOD OF CONTROLLING AN ELECTRONIC DEVICE	PCT/US2016/013513	WO2016/133617	WO		8/25/2016
7166	PROCEDURES TO PROVISION AND ATTACH A CELLULAR INTERNET OF THINGS DEVICE TO A CLOUD SERVICE PROVIDER	PCT/US2016/014820	WO2016/148773	WO		9/22/2016
7167	DEVICE SYSTEM AND METHOD OF CELL SPECIFIC PROBABILITY LOAD BALANCING	PCT/US2016/015282	WO2016/164095	WO		10/13/2016
7168	RADIO RESOURCE MANAGEMENT (RRM) REPORTING FOR LICENSED ASSISTED ACCESS (LAA)	PCT/US2016/015810	WO2016/123568	WO		8/4/2016
7169	METHODS APPARATUSES AND SYSTEMS FOR ENHANCEMENT OF EVOLVED PHYSICAL DOWNLINK CONTROL CHANNEL FOR MACHINE TYPE COMMUNICATIONS	PCT/US2016/016425	WO2016/164099	WO		10/13/2016
7170	MME OVERLOAD OR UNDERLOAD MITIGATION BY MME VNF APPARATUS AND METHOD	PCT/US2016/016426	WO2016/148790	WO		9/22/2016
7171	RANDOM ACCESS PROCEDURE FOR ENHANCED COVERAGE SUPPORT	PCT/US2016/016429	WO2016/164100	WO		10/13/2016
7172	SYSTEMS METHODS AND DEVICES FOR SECURE DEVICE-TO-DEVICE DISCOVERY AND COMMUNICATION	PCT/US2016/018180	WO2016/148819	WO		9/22/2016
7173	METHODS AND DEVICES FOR MULTI-DEVICE LINK AGGREGATION	PCT/US2016/019718	WO2016/160203	WO		10/6/2016
7174	METHOD OF MEASUREMENT GAP ENHANCEMENT	PCT/US2016/019984	WO2017/027066	WO		2/16/2017
7175	SLICE-BASED OPERATION IN WIRELESS NETWORKS WITH END-TO-END NETWORK SLICING	PCT/US2016/020027	WO2017/074486	WO		5/4/2017
7176	RAN RE-ARCHITECTURE FOR NETWORK SLICING	PCT/US2016/020029	WO2017/078770	WO		5/11/2017
7177	AIR INTERFACE SLICING ARCHITECTURE FOR WIRELESS COMMUNICATION SYSTEMS	PCT/US2016/020034	WO2017/044151	WO		3/16/2017

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
7178	SLICEABLE RADIO ACCESS NETWORK ARCHITECTURE FOR WIRELESS COMMUNICATIONS	PCT/US2016/020071	WO2017/044153	WO		3/16/2017
7179	PERSONAL AREA NETWORK COMMUNICATION FOR WEARABLE DEVICES	PCT/US2016/020096	WO2017/074487	WO		5/4/2017
7180	HORIZONTAL NETWORK SLICING IN A WIRELESS NETWORK	PCT/US2016/020111	WO2017/099826	WO		6/15/2017
7181	OPPORTUNISTIC ACCESS OF MILLIMETERWAVE RADIO ACCESS TECHNOLOGY BASED ON EDGE CLOUD MOBILE PROXY	PCT/US2016/020741	WO2016/141213	WO		9/9/2016
7182	DEVICES AND METHODS FOR ROBUST MEASUREMENT AND DATA RECEIVING	PCT/US2016/021440	WO2017/074488	WO		5/4/2017
7183	USER EQUIPMENT (UE) AND METHODS FOR REGISTRATION OF CIRCUIT-SWITCHED (CS) SERVICES IN MULTI-MODE OPERATION	PCT/US2016/021489	WO2017/058281	WO		4/6/2017
7184	AT COMMAND FOR SECURE ESM INFORMATION	PCT/US2016/022172	WO2016/175926	WO		11/3/2016
7185	LISTEN BEFORE TALK FOR DISCOVERY REFERENCE SIGNAL TRANSMISSION IN UNLICENSED SPECTRUM	PCT/US2016/022447	WO2017/078775	WO		5/11/2017
7186	SCHEDULING REQUEST IN EXTREMELY HIGH FREQUENCY SYSTEMS	PCT/US2016/023362	WO2017/116491	WO		7/6/2017
7187	EVOLVED NODE-B SHARED SPECTRUM CONTROLLER AND METHOD FOR COMMUNICATION IN SHARED SPECTRUM	PCT/US2016/023384	WO2016/182634	WO		11/17/2016
7188	APPARATUSES FOR DMRS DESIGN OR PROCESSING FOR GUARD INTERVAL OR ZERO TAIL DFT SPREAD OFDM SYSTEMS	PCT/US2016/023689	WO2017/065825	WO		4/20/2017
7189	DEVICES AND METHODS OF MOBILITY ENHANCEMENT AND WEARABLE DEVICE PATH SELECTION	PCT/US2016/023802	WO2017/099828	WO		6/15/2017
7190	DEVICES AND METHODS FOR PROVIDING 5G UPLINK REQUEST	PCT/US2016/023952	WO2017/127126	WO		7/27/2017
7191	CIOT ARCHITECTURE FOR EFFICIENT DATA TRANSMISSION	PCT/US2016/023994	WO2017/027071	WO		2/16/2017
7192	USER PLANE RESOURCE ALLOCATION	PCT/US2016/024271	WO2017/078776	WO		5/11/2017
7193	DESIGN AND TRANSMISSION OF (E)PDCCH WITHIN PARTIAL SUBFRAME IN LICENSED ASSISTED ACCESS (LAA)	PCT/US2016/024440	WO2017/074489	WO		5/4/2017
7194	CONTENTION WINDOW SIZE ADAPTATION	PCT/US2016/024455	WO2017/069798	WO		4/27/2017
7195	A TIME DIVISION DUPLEX (TDD) SYSTEM WITH A LOW LATENCY AND HIGH THROUGHPUT SUBFRAME STRUCTURE	PCT/US2016/024474	WO2017/091243	WO		6/1/2017
7196	EVENTS TO TRIGGER BRS-RP (BEAM REFERENCE SIGNAL RECEIVED POWER) REPORT	PCT/US2016/024476	WO2017/099830	WO		6/15/2017
7197	CONTROL SIGNALING IN MULTIPLE BEAM OPERATION	PCT/US2016/024497	WO2017/099831	WO		6/15/2017
7198	MULTI-SUBFRAME UPLINK SCHEDULING IN UNLICENSED	PCT/US2016/024612	WO2017/099832	WO		6/15/2017

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
	SPECTRUM					
7199	CHANNEL STATE INFORMATION REFERENCE SIGNAL GENERATION WITH REDUCED ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING SYMBOLS	PCT/US2016/024671	WO2017/099834	WO		6/15/2017
7200	DISTINGUISHING SUBFRAMES IN A DOWNLINK TRANSMISSION BURST	PCT/US2016/024800	WO2017/074493	WO		5/4/2017
7201	ENHANCED RESOURCE MAPPING SCHEME	PCT/US2016/025067	WO2017/065826	WO		4/20/2017
7202	MULTIPLEXING OF CONTROL SIGNALING AND DATA TRANSMISSION IN ENHANCED FRAME STRUCTURES	PCT/US2016/025140	WO2017/111988	WO		6/29/2017
7203	DETERMINATION OF NUMBER OF PHYSICAL UPLINK CONTROL CHANNEL REPETITIONS FOR MACHINE TYPE COMMUNICATIONS	PCT/US2016/025265	WO2017/052688	WO		3/30/2017
7204	RANDOM ACCESS PROCEDURE FOR BEAM BASED CELL-LESS OPERATION IN 5G RAT	PCT/US2016/025292	WO2017/044155	WO		3/16/2017
7205	RATE-COMPATIBLE OPERATION WITH LOW DENSITY PARITY-CHECK CODES	PCT/US2016/025318	WO2017/091244	WO		6/1/2017
7206	SIGNALING METHODS FOR FLEXIBLE RADIO RESOURCE MANAGEMENT	PCT/US2016/025492	WO2017/062061	WO		4/13/2017
7207	DYNAMIC SPECTRUM ACCESS WITH FLEXIBLE BANDWIDTH FOR LICENSED SHARED ACCESS SYSTEMS	PCT/US2016/025563	WO2017/023370	WO		2/9/2017
7208	OFDMA-BASED MULTIPLEXING OF UPLINK CONTROL INFORMATION	PCT/US2016/025569	WO2017/019132	WO		2/2/2017
7209	DISCOVERY REFERENCE SIGNALING FOR DYNAMICALLY-TIMED TRANSMISSIONS	PCT/US2016/025608	WO2017/074496	WO		5/4/2017
7210	MAPPING OF PHYSICAL BROADCAST CHANNEL (PBCH) REPETITION SYMBOLS FOR MACHINE-TYPE COMMUNICATION (MTC)	PCT/US2016/025616	WO2017/052689	WO		3/30/2017
7211	REFERENCE SIGNAL FOR RECEIVE BEAM REFINEMENT IN CELLULAR SYSTEMS	PCT/US2016/025622	WO2017/074497	WO		5/4/2017
7212	TIME GRID WITH TIME DIVISION DUPLEX SWITCHING INTERVALS	PCT/US2016/025630	WO2017/065829	WO		4/20/2017
7213	SYSTEM AND METHODS FOR MTC UES WITH SCALABLE BANDWIDTH SUPPORT	PCT/US2016/025658	WO2017/105538	WO		6/22/2017
7214	METHODS FOR CQI FEEDBACK AND RRM MEASUREMENTS WITH DYNAMIC POWER SHARING AMONG MULTIPLE LAA SCELLS FOR DL-ONLY TRANSMISSION	PCT/US2016/025677	WO2017/030613	WO		2/23/2017
7215	HYBRID OPEN-LOOP AND CLOSED- LOOP BEAMFORMING	PCT/US2016/025701	WO2017/171867	WO		10/5/2017
7216	MECHANISMS FOR SINGLE FREQUENCY NETWORKS IN HIGH- SPEED MOBILE SCENARIOS	PCT/US2016/025734	WO2017/082951	WO		5/18/2017
7217	ENHANCED SELF-CONTAINED TIME- DIVISION DUPLEX SUBFRAME	PCT/US2016/025737	WO2017/062062	WO		4/13/2017

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
	STRUCTURE					
7218	ENHANCED PAGING MECHANISM FOR CELLULAR INTERNET OF THINGS	PCT/US2016/025741	WO2017/058287	WO		4/6/2017
7219	SHORT TRANSMISSION TIME INTERVAL (TTI)	PCT/US2016/025744	WO2017/078786	WO		5/11/2017
7220	SYSTEM AND METHODS FOR SYSTEM OPERATION FOR NARROWBAND-LTE FOR CELLULAR IOT	PCT/US2016/025750	WO2017/019133	WO		2/2/2017
7221	AIR INTERFACE RESOURCE UTILIZATION TECHNIQUES FOR WIRELESS COMMUNICATION NETWORKS	PCT/US2016/025771	WO2017/058288	WO		4/6/2017
7222	FLEXIBLE UNIVERSAL EXTENDED FRAME STRUCTURE	PCT/US2016/025773	WO2017/065830	WO		4/20/2017
7223	SIGNALLING FOR PER CARRIER-COMPONENT BASED ENHANCED MEASUREMENT GAP CONFIGURATION	PCT/US2016/026729	WO2016/164782	WO		10/13/2016
7224	PERFORMING PRIMARY CELL FUNCTIONS IN A SECONDARY CELL	PCT/US2016/027558	WO2016/182670	WO		11/17/2016
7225	MEASUREMENT METHOD IN CARRIER AGGREGATION AND ASYNCHRONOUS DUAL CONNECTIVITY	PCT/US2016/027951	WO2016/182692	WO		11/17/2016
7226	NETWORK INITIATED PACKET DATA NETWORK CONNECTION	PCT/US2016/028281	WO2017/062065	WO		4/13/2017
7227	DOWNLINK REACHABILITY FOR ULTRA LOW POWER SAVING DEVICES USING D2D	PCT/US2016/028786	WO2017/099837	WO		6/15/2017
7228	SYSTEM AND METHOD FOR DOWNLINK CONTROL INDICATOR DESIGN IN BEAM AGGREGATION SYSTEM	PCT/US2016/028977	WO2017/095470	WO		6/8/2017
7229	MILLIMETER WAVE BROADCAST AND UNICAST CHANNEL DESIGN AND GENERIC TRANSMIT ARCHITECTURE	PCT/US2016/029549	WO2017/095471	WO		6/8/2017
7230	DETERMINATION OF AN ADVANCED PHYSICAL UPLINK CHANNEL RESOURCE	PCT/US2016/030171	WO2017/119921	WO		7/13/2017
7231	NETWORK FUNCTION VIRTUALIZATION	PCT/US2016/030268	WO2017/189015	WO		11/2/2017
7232	PHYSICAL UPLINK CONTROL CHANNEL FORMATS FOR 5G	PCT/US2016/030726	WO2017/146751	WO		8/31/2017
7233	USER EQUIPMENT (UE) AND METHODS FOR RECEPTION OF PACKETS ON A SPLIT RADIO BEARER	PCT/US2016/030802	WO2017/192138	WO		11/9/2017
7234	CARRIER AGGREGATION ENHANCEMENT	PCT/US2016/031299	WO2016/182941	WO		11/17/2016
7235	INFORMATIONALLY EFFICIENT ERROR CORRECTION CODING	PCT/US2016/031781	WO2017/123273	WO		7/20/2017
7236	COMMUNICATION DEVICE AND METHOD FOR STORING DATA	PCT/US2016/031954	WO2016/209396	WO		12/29/2016
7237	BEARER-LESS ARCHITECTURE FOR A WIRELESS CELLULAR NETWORK	PCT/US2016/032896	WO2017/062066	WO		4/13/2017
7238	PROVIDING DIFFERENT RADIO ACCESS NETWORKS INDEPENDENT STANDARDIZED ACCESS TO A CORE NETWORK	PCT/US2016/032914	WO2017/099841	WO		6/15/2017

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
7239	ACKNOWLEDGEMENT (ACK) TRANSMISSIONS USING A SELF-CONTAINED SUBFRAME STRUCTURE	PCT/US2016/032929	WO2017/123275	WO		7/20/2017
7240	ENCODING AND DECODING USING LOW-DENSITY PARITY-CHECK MATRICES	PCT/US2016/032931	WO2017/119922	WO		7/13/2017
7241	METHOD AND RELATED MOBILE DEVICE FOR FAST BLIND DECODING	PCT/US2016/032958	WO2017/011069	WO		1/19/2017
7242	COMMUNICATION TERMINAL AND METHOD FOR HANDLING UPLOAD TRAFFIC CONGESTION	PCT/US2016/032959	WO2016/209421	WO		12/29/2016
7243	ENCODING CIRCUIT METHOD FOR TRANSMITTING DATA OVER A DATA BUS AND RADIO COMMUNICATION DEVICE	PCT/US2016/032962	WO2016/209422	WO		12/29/2016
7244	RESTORING VIRTUAL NETWORK FUNCTION (VNF) PERFORMANCE VIA VNF RESET OF LIFECYCLE MANAGEMENT	PCT/US2016/033002	WO2017/078790	WO		5/11/2017
7245	CONTROL SIGNALING FOR FIFTH GENERATION CHANNEL STATE INFORMATION REFERENCE SIGNALS (XCSI-RS)	PCT/US2016/033019	WO2017/142573	WO		8/24/2017
7246	FIFTH GENERATION (5G) UPLINK CONTROL INFORMATION (xUCI) REPORT	PCT/US2016/033069	WO2017/142574	WO		8/24/2017
7247	IMPROVED SIGNALING FOR BATTERY EFFICIENT STATE TRANSITION IN PCH STATES	PCT/US2016/033152	WO2017/200541	WO		11/23/2017
7248	OPTIMIZED SCHEDULING STRATEGIES FOR DUAL CONNECTIVITY AND LINK AGGREGATION	PCT/US2016/033608	WO2017/200554	WO		11/23/2017
7249	SIGNAL PROCESSING APPARATUS AND METHOD FOR PROCESSING A SIGNAL	PCT/US2016/033852	WO2016/209464	WO		12/29/2016
7250	A METHOD FOR FEEDBACK REPORTING AND A MOBILE COMMUNICATIONS DEVICE	PCT/US2016/033859	WO2016/209465	WO		12/29/2016
7251	5G FDD LOW LATENCY TRANSMISSION SUBFRAME STRUCTURE SYSTEM AND METHOD OF USE	PCT/US2016/035037	WO2017/123276	WO		7/20/2017
7252	FRAME STRUCTURE FOR UPLINK SCHEDULING	PCT/US2016/035073	WO2017/065838	WO		4/20/2017
7253	USER EQUIPMENT (UE) AND METHODS FOR RECEPTION OF DOWNLINK DATA SERVICES	PCT/US2016/035247	WO2017/209746	WO		12/7/2017
7254	REFERENCE SIGNALS AND PHYSICAL BROADCAST CHANNEL FOR 5G SYSTEMS	PCT/US2016/035276	WO2017/131806	WO		8/3/2017
7255	UCI CHANNEL CODING ON XPUCCH	PCT/US2016/035753	WO2017/146756	WO		8/31/2017
7256	SELF-CONTAINED TDD FRAME STRUCTURE AND DL-UL CONFIGURATION IN 5G SYSTEM	PCT/US2016/035990	WO2017/151173	WO		9/8/2017
7257	CARRIER MEASUREMENTS FOR MULTI-CARRIER DEVICES	PCT/US2016/036499	WO2017/007564	WO		1/12/2017
7258	PARTIAL SUBFRAME TRANSMISSION IN LICENSED ASSISTED ACCESS	PCT/US2016/036920	WO2017/078796	WO		5/11/2017

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
7259	UPLINK DM-RS TRANSMISSION FOR PUSCH TRANSMISSIONS WITH SHORTENED TTI	PCT/US2016/038090	WO2017/135988	WO		8/10/2017
7260	TRANSMISSION TOGGLE UPLINK COMPENSATION	PCT/US2016/038662	WO2016/209896	WO		12/29/2016
7261	INTERFERENCE CANCELLATION	PCT/US2016/038675	WO2016/209904	WO		12/29/2016
7262	POWER SAVE IN MACHINE TYPE COMMUNICATION DEVICE	PCT/US2016/038690	WO2016/209912	WO		12/29/2016
7263	SYSTEMS AND METHODS FOR REDUCING INTERRUPTIONS IN DATA TRANSMISSIONS DUE TO HANDOVER OPERATIONS	PCT/US2016/038746	WO2017/138977	WO		8/17/2017
7264	TRANSMISSION SCHEME AND INTER-CELL INTERFERENCE MITIGATION FOR FIFTH GENERATION (5G) SYSTEM INFORMATION BLOCK (xSIB)	PCT/US2016/038936	WO2017/155563	WO		9/14/2017
7265	BEAMFORMED PHYSICAL DOWNLINK CONTROL CHANNEL	PCT/US2016/038954	WO2017/155564	WO		9/14/2017
7266	MULTIPLEXING TRANSMISSION TIME INTERVALS (TTIS) WITH PHYSICAL DOWNLINK SHARED CHANNEL (PDSCH) PUNCTURING DETECTION	PCT/US2016/038969	WO2017/074520	WO		5/4/2017
7267	NETWORK SLICE SELECTION IN NETWORK SYSTEMS	PCT/US2016/039054	WO2017/123277	WO		7/20/2017
7268	MULTIPLEXING UPLINK CONTROL INFORMATION AND DATA ON PHYSICAL UPLINK SHARED CHANNEL	PCT/US2016/039057	WO2017/142581	WO		8/24/2017
7269	SYSTEM AND METHOD FOR SYSTEM INFORMATION TRANSMISSION IN STAND-ALONE MMWAVE SYSTEMS	PCT/US2016/039085	WO2017/131810	WO		8/3/2017
7270	CHANNEL CODING AND INTERLEAVING FOR CONTROL AND USER DATA IN THE PHYSICAL UPLINK SHARED CHANNEL	PCT/US2016/039086	WO2017/142582	WO		8/24/2017
7271	SUPPORTING SEMI-PERSISTENT SCHEDULING FOR VARIED TRANSMISSION TIME INTERVALS	PCT/US2016/039244	WO2017/052706	WO		3/30/2017
7272	SYSTEMS AND METHODS FOR REDUCING INTERRUPTIONS IN DATA TRANSMISSIONS DUE TO HANDOVER OPERATIONS	PCT/US2016/039379	WO2017/138978	WO		8/17/2017
7273	PHYSICAL LAYER PROTOCOL AND SELF-CONTAINED SUBFRAME STRUCTURE FOR 5G/LTE COMPLIANT WEARABLE USER EQUIPMENT DEVICES	PCT/US2016/039521	WO2017/146757	WO		8/31/2017
7274	SYSTEMS METHODS AND DEVICES FOR UPLINK BEARER SPLIT USING WIRELESS LOCAL AREA NETWORK AGGREGATION	PCT/US2016/039548	WO2017/164901	WO		9/28/2017
7275	DEVICE AND METHOD OF USING BRRS CONFIGURATION	PCT/US2016/039553	WO2017/146758	WO		8/31/2017
7276	DEVICE AND METHOD FOR SYNCHRONOUS BEAM SWITCHING	PCT/US2016/039570	WO2017/146759	WO		8/31/2017
7277	SIXTY GIGAHERTZ BAND SUPPORT IN CELLULAR AND WIRELESS LOCAL AREA NETWORK AGGREGATION	PCT/US2016/039634	WO2017/171896	WO		10/5/2017

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
7278	PHYSICAL DOWNLINK SHARED CHANNEL TRANSMISSION WITH SHORT TRANSMISSION TIME INTERVAL	PCT/US2016/039980	WO2017/135989	WO		8/10/2017
7279	SECURE FIRMWARE UPGRADE FOR CELLULAR IOT	PCT/US2016/040027	WO2017/019238	WO		2/2/2017
7280	UPLINK BEAM REFINEMENT	PCT/US2016/040079	WO2017/131811	WO		8/3/2017
7281	NB-IOT SYNCHRONIZATION SIGNALS WITH OFFSET INFORMATION	PCT/US2016/040105	WO2017/119925	WO		7/13/2017
7282	PHYSICAL UPLINK CONTROL CHANNEL PROCEDURES	PCT/US2016/040111	WO2017/146762	WO		8/31/2017
7283	SYNCHRONIZATION SIGNAL DESIGN FOR NARROWBAND INTERNET OF THINGS COMMUNICATIONS	PCT/US2016/040122	WO2017/078802	WO		5/11/2017
7284	PHYSICAL LAYER PROTOCOL AND SELF-CONTAINED SUBFRAME STRUCTURE FOR 5G/LTE COMPLIANT WEARABLE USER EQUIPMENT DEVICES	PCT/US2016/040149	WO2017/146763	WO		8/31/2017
7285	SYSTEM AND METHOD FOR BEAM INFORMATION AND CSI REPORT	PCT/US2016/040162	WO2017/146764	WO		8/31/2017
7286	SYSTEM AND METHOD FOR CHANNEL QUALITY REPORTING	PCT/US2016/040163	WO2017/146765	WO		8/31/2017
7287	APPARATUS SYSTEM AND METHOD OF INTERNET CONNECTIVITY VIA A RELAY STATION	PCT/US2016/040326	WO2018/004589	WO		1/4/2018
7288	DYNAMIC RESOURCE ALLOCATIONS AND TRANSMISSION SCHEMES FOR XPUCCH (5G PUCCH)	PCT/US2016/040498	WO2017/135991	WO		8/10/2017
7289	METHOD FOR CRC AMBIGUITY AVOIDANCE IN 5G DCI DECODING	PCT/US2016/040562	WO2018/004631	WO		1/4/2018
7290	FRAME STRUCTURES FOR BEAM SWITCHING AND REFINEMENT IN CELLULAR SYSTEMS	PCT/US2016/040886	WO2017/171901	WO		10/5/2017
7291	SECURE CONNECTION OF CELLULAR DEVICES WITHOUT USING A CORE CELLULAR NETWORK	PCT/US2016/041003	WO2017/078804	WO		5/11/2017
7292	LIGHTWEIGHT S-1 LITE PROTOCOL DESIGN FOR CELLULAR INTERNET OF THINGS	PCT/US2016/041043	WO2017/027124	WO		2/16/2017
7293	RATE MATCHING USING LOW-DENSITY PARITY-CHECK CODES	PCT/US2016/041366	WO2017/131813	WO		8/3/2017
7294	DISCONTINUOUS DOWNLINK TRANSMISSIONS FOR MACHINE TYPE COMMUNICATIONS	PCT/US2016/041401	WO2017/160335	WO		9/21/2017
7295	EVOLVED NODE-B (ENB) USER EQUIPMENT (UE) AND METHODS FOR COMMUNICATION OF A CHANNEL RASTER FREQUENCY OFFSET	PCT/US2016/041587	WO2017/123279	WO		7/20/2017
7296	RADIO LINK FAILURE HANDLING IN HIGH-FREQUENCY BAND NETWORKS	PCT/US2016/041610	WO2017/164908	WO		9/28/2017
7297	SAS CONTROLLED INTERFERENCE MANAGEMENT	PCT/US2016/041643	WO2018/009227	WO		1/11/2018
7298	SAS INTERFERENCE MITIGATION OPTIONS	PCT/US2016/041722	WO2017/065852	WO		4/20/2017

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
7299	MOBILE TERMINAL DEVICES AND METHODS OF DETECTING REFERENCE SIGNALS	PCT/US2016/042880	WO2017/030717	WO		2/23/2017
7300	UPLINK SYNCHRONIZATION WITH ASSISTED mmWAVE ENHANCED NODE B	PCT/US2016/043743	WO2017/030740	WO		2/23/2017
7301	SYSTEMS AND METHODS FOR CENTRALIZED AND DECENTRALIZED COMMUNICATION MODES FOR V2X SERVICES	PCT/US2016/044575	WO2017/171906	WO		10/5/2017
7302	RESOURCE ALLOCATIONS FOR BEAMFORMING REFERENCE SIGNALS	PCT/US2016/044879	WO2017/135995	WO		8/10/2017
7303	POSITIONING DEVICE AND METHOD FOR DETERMINING THE POSITION OF A COMMUNICATION DEVICE	PCT/US2016/044946	WO2017/052780	WO		3/30/2017
7304	COMMUNICATION DEVICE AND METHOD FOR RECEIVING SIGNALS IN A FREQUENCY RANGE	PCT/US2016/044953	WO2017/048380	WO		3/23/2017
7305	SCHEDULING REQUEST FOR STANDALONE DEPLOYMENT OF A SYSTEM USING BEAMFORMING	PCT/US2016/045372	WO2017/138980	WO		8/17/2017
7306	METHODS FOR RADIO COMMUNICATION AND COMMUNICATION DEVICES	PCT/US2016/045677	WO2017/044219	WO		3/16/2017
7307	AVOIDING DISCARD OF CRITICAL VIDEO DATA IN MODEM LONG TERM EVOLUTION STACK	PCT/US2016/045972	WO2017/196380	WO		11/16/2017
7308	COMMUNICATION DEVICE AND A METHOD FOR OPERATING A COMMUNICATION DEVICE	PCT/US2016/046098	WO2017/048408	WO		3/23/2017
7309	EXTENDED SYNCHRONIZATION SIGNAL FOR SYMBOL INDEX	PCT/US2016/046142	WO2017/164918	WO		9/28/2017
7310	SYSTEMS AND METHODS FOR CROSS-LAYER BEARER SPLITTING AND CROSS-RADIO ACCESS TECHNOLOGY RETRANSMISSION	PCT/US2016/046165	WO2017/044230	WO		3/16/2017
7311	METHODS OF PERFORMING COMMUNICATIONS MOBILE TERMINAL DEVICES AND BASEBAND MODEMS	PCT/US2016/046221	WO2017/052823	WO		3/30/2017
7312	COMMUNICATION TERMINAL AND METHOD FOR TRANSMITTING A SIGNALING MESSAGE	PCT/US2016/046222	WO2017/052824	WO		3/30/2017
7313	CONFIGURATION OF MEASUREMENT SUBFRAMES FOR A USER EQUIPMENT (UE)	PCT/US2016/046834	WO2017/027822	WO		2/16/2017
7314	APPARATUSES FOR EVOLVED NODE BS CONFIGURED TO COMMUNICATE USING ROBUST PUNCTURING-BASED MULTIPLEXING	PCT/US2016/047192	WO2017/074537	WO		5/4/2017
7315	SENSING-BASED COLLISION AVOIDANCE FOR V2V COMMUNICATION	PCT/US2016/047213	WO2017/135998	WO		8/10/2017

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
7316	PBCH TRANSMISSION INSIDE AND OUTSIDE OF DISCOVERY REFERENCE SIGNAL TRANSMISSION WINDOW TO UES OPERATING IN UNLICENSED FREQUENCY BANDS	PCT/US2016/047919	WO2017/142589	WO		8/24/2017
7317	METHODS FOR PERFORMING WIRELESS COMMUNICATIONS MOBILE TERMINAL DEVICES AND SERVERS	PCT/US2016/047944	WO2017/052870	WO		3/30/2017
7318	DATA TRANSMISSION USING AN ADAPTIVE TRANSMISSION TIME INTERVAL STRUCTURE IN A WIRELESS COMMUNICATION SYSTEM	PCT/US2016/047998	WO2017/164920	WO		9/28/2017
7319	CHANNEL STATE INFORMATION (CSI) MEASUREMENTS AND CSI REPORTING IN LICENSED ASSISTED ACCESS (LAA)	PCT/US2016/048145	WO2017/078826	WO		5/11/2017
7320	ANTENNA SYSTEM	PCT/US2016/048172	WO2017/052897	WO		3/30/2017
7321	COMMUNICATION TERMINAL AND METHOD FOR COMMUNICATING DATA	PCT/US2016/048248	WO2017/052906	WO		3/30/2017
7322	WIRELESS CIRCUITRY WITH SCALABLE ACCURACY	PCT/US2016/048631	WO2017/058410	WO		4/6/2017
7323	CHANNEL ESTIMATION AND COMPENSATION IN HIGH SPEED SCENARIOS	PCT/US2016/049260	WO2017/062113	WO		4/13/2017
7324	DOWNLINK DATA HANDLING FOR IDLE MODE UE WHEN THE SGW IS SPLIT INTO CONTROL PLANE NODE AND USER PLANE NODE	PCT/US2016/049380	WO2017/078837	WO		5/11/2017
7325	ENABLING A SECONDARY CELL IN A MASSIVE MIMO SYSTEM	PCT/US2016/049427	WO2017/151185	WO		9/8/2017
7326	FLEXIBLE FRAME STRUCTURE SIGNALING FOR RADIO ACCESS NETWORKS OPERATING IN THE UNLICENSED SPECTRUM	PCT/US2016/049636	WO2017/135999	WO		8/10/2017
7327	SIGNALING FOR ENHANCED MEASUREMENT GAP FOR SYNCHRONOUS NETWORK	PCT/US2016/049742	WO2017/138985	WO		8/17/2017
7328	SYSTEMS METHODS AND DEVICES FOR OPTIMIZED UPLINK GRANT TRANSMISSION TO ENABLE MULTI-SUBFRAME SCHEDULING	PCT/US2016/050655	WO2017/180179	WO		10/19/2017
7329	POWER CONTROL FOR LINKS IN BEAMFORMING SYSTEMS	PCT/US2016/051540	WO2017/146773	WO		8/31/2017
7330	SYSTEMS METHODS AND DEVICES FOR UPLINK CONTROL INFORMATION ENHANCEMENT	PCT/US2016/052653	WO2017/189034	WO		11/2/2017
7331	Method and system to perform performance measurements job operations	PCT/US2016/052838	WO2017/164931	WO		9/28/2017
7332	TRIGGER FOR ATTACH-TAU FOR PENDING IMS CALL REQUEST IN RADIO ACCESS NETWORKS	PCT/US2016/052921	WO2017/171920	WO		10/5/2017
7333	APPARATUS SYSTEM AND METHOD OF VEHICULAR USER EQUIPMENT (UE) COMMUNICATION	PCT/US2016/053226	WO2017/136001	WO		8/10/2017

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
7334	APPARATUS AND METHOD FOR IOT CONTROL CHANNEL	PCT/US2016/053759	WO2017/123286	WO		7/20/2017
7335	SYSTEM INFORMATION CHANGE NOTIFICATION TECHNIQUES FOR WIRELESS COMMUNICATIONS NETWORKS	PCT/US2016/053846	WO2017/054007	WO		3/30/2017
7336	BEAM MANAGEMENT FOR DUAL TRANSMISSION POINT HYBRID BEAMFORMING SYSTEMS IN 5G	PCT/US2016/054086	WO2017/164933	WO		9/28/2017
7337	DUAL RADIO OPERATION BETWEEN ACCESS SYSTEMS USING 3GPP RADIO ACCESS TECHNOLOGY	PCT/US2016/054125	WO2017/062244	WO		4/13/2017
7338	MECHANISMS FOR AVOIDANCE OF EXPLICIT QUALITY OF SERVICE SIGNALING OVER THE RADIO INTERFACE	PCT/US2016/054151	WO2017/196386	WO		11/16/2017
7339	PHYSICAL RANDOM ACCESS CHANNEL (PRACH) DESIGN	PCT/US2016/054181	WO2017/196387	WO		11/16/2017
7340	DOWNLINK HYBRID AUTOMATIC REPEAT REQUEST FEEDBACK FOR NARROWBAND INTERNET OF THINGS DEVICES	PCT/US2016/054253	WO2017/119931	WO		7/13/2017
7341	MOBILE TERMINAL DEVICES AND METHODS IN MOBILE COMMUNICATION DEVICES	PCT/US2016/054263	WO2018/063200	WO		4/5/2018
7342	MOBILE DEVICE MANAGEMENT BASED ON PREDICTED BASE STATION BEHAVIOR	PCT/US2016/054272	WO2018/063201	WO		4/5/2018
7343	CONFIGURING DOWNLINK LISTEN-BEFORE-TALK PRIORITY CLASS FOR UPLINK GRANT TRANSMISSION IN LICENSED ASSISTED ACCESS	PCT/US2016/054313	WO2017/074638	WO		5/4/2017
7344	LOW LATENCY PRACH DESIGN IN UNLICENSED SPECTRUM	PCT/US2016/054544	WO2017/151187	WO		9/8/2017
7345	RRM REQUIREMENT FOR D2D INTER-CARRIER DISCOVERY GAP	PCT/US2016/054768	WO2017/062278	WO		4/13/2017
7346	NETWORK ASSISTED MOBILITY STATUS INDICATION AND TRACKING OF HIGH-SPEED MOBILE SCENARIOS	PCT/US2016/054963	WO2017/171928	WO		10/5/2017
7347	SYSTEMS METHODS AND DEVICES FOR REDUCED HANDOVER DATA INTERRUPTION	PCT/US2016/055036	WO2017/138988	WO		8/17/2017
7348	CELLULAR IOT CONTROL AND USER PLANE SWITCHING	PCT/US2016/055040	WO2017/189038	WO		11/2/2017
7349	SYSTEMS METHODS AND DEVICES FOR TRANSMISSION OF NETWORK INFORMATION IN THE PHYSICAL BROADCAST CHANNEL (PBCH)	PCT/US2016/055058	WO2017/171929	WO		10/5/2017
7350	TECHNIQUES FOR INSTANTIATION AND TERMINATION OF VIRTUALIZED NETWORK FUNCTIONS	PCT/US2016/055070	WO2017/119932	WO		7/13/2017
7351	PERFORMANCE MONITORING TECHNIQUES FOR VIRTUALIZED RESOURCES	PCT/US2016/055071	WO2017/119933	WO		7/13/2017
7352	SCHEDULING UPLINK TRANSMISSIONS FOR A USER EQUIPMENT (UE)	PCT/US2016/057391	WO2017/070055	WO		4/27/2017

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
7353	DISCOVERY AND NETWORK ACCESS PROCEDURES FOR 5G THINGS COMMUNICATION SYSTEM	PCT/US2016/058480	WO2017/146777	WO		8/31/2017
7354	DMRS FOR 5G THINGS COMMUNICATION SYSTEM	PCT/US2016/059300	WO2017/146779	WO		8/31/2017
7355	USER EQUIPMENT (UE) AND METHOD OF SIDELINK DATA COMMUNICATION IN FIFTH GENERATION (5G) NEW RADIO (NR) THINGS NETWORKS	PCT/US2016/059472	WO2017/146780	WO		8/31/2017
7356	CROSS TRANSMISSION OPPORTUNITY (TXOP) SCHEDULING	PCT/US2016/059511	WO2017/136009	WO		8/10/2017
7357	USER EQUIPMENT (UE) AND METHOD OF SIDELINK COMMUNICATION IN FIFTH GENERATION (5G) NEW RADIO (NR) THINGS NETWORKS	PCT/US2016/059536	WO2017/146781	WO		8/31/2017
7358	DISCOVERY AND PAGING IN NEW RADIO-THINGS SIDELINK	PCT/US2016/059688	WO2017/146783	WO		8/31/2017
7359	RANDOM-ACCESS AND SCHEDULING-REQUEST IN NEW RADIO-THINGS SIDELINK	PCT/US2016/059704	WO2017/146784	WO		8/31/2017
7360	CELL SEARCH AND SYNCHRONIZATION IN MILLIMETER-WAVE CAPABLE SMALL CELLS	PCT/US2016/059920	WO2017/112092	WO		6/29/2017
7361	ENHANCED REPORTING AND UPLINK ROBUSTNESS DESIGN	PCT/US2016/062513	WO2017/160351	WO		9/21/2017
7362	MULTI-HARMONIC MATCHING NETWORKS	PCT/US2016/063234	WO2017/112237	WO		6/29/2017
7363	APPARATUSES FOR COMBINING AND DECODING ENCODED BLOCKS	PCT/US2016/063636	WO2017/222582	WO		12/28/2017
7364	SPREADING OPTIONS FOR NON-ORTHOGONAL MULTIPLE ACCESS	PCT/US2016/064201	WO2017/139005	WO		8/17/2017
7365	MASTER INFORMATION BLOCK AND SYSTEM INFORMATION BLOCK TRANSMISSIONS IN UNLICENSED SPECTRUM	PCT/US2016/065436	WO2017/100355	WO		6/15/2017
7366	TRANSMITTER AND RECEIVER FOR MASTER INFORMATION BLOCK OVER PHYSICAL BROADCAST CHANNEL	PCT/US2016/065463	WO2017/127172	WO		7/27/2017
7367	RX-TX TIME DIFFERENCE REPORT FOR TDD SYSTEMS AND ASSOCIATED DEVICES	PCT/US2016/065807	WO2017/139014	WO		8/17/2017
7368	DYNAMIC HARQ CONFIGURATION AND BITMAP BASED ACK/NACK	PCT/US2016/065897	WO2017/123356	WO		7/20/2017
7369	DISCOVERY REFERENCE SIGNAL TRANSMISSION WINDOW AND POSITION IDENTIFICATION	PCT/US2016/066337	WO2017/127181	WO		7/27/2017
7370	DEVICES AND METHODS FOR MEC V2X	PCT/US2016/066525	WO2017/176329	WO		10/12/2017
7371	SYSTEMS METHODS AND DEVICES FOR NON-ADAPTIVE RETRANSMISSION USING SEMI-PERSISTENT SCHEDULING RESOURCES	PCT/US2016/068232	WO2017/196400	WO		11/16/2017
7372	DEVICES AND METHODS FOR RRC CONNECTION RE-ESTABLISHMENT	PCT/US2016/068867	WO2017/139039	WO		8/17/2017
7373	DEVICE AND METHOD FOR NFV LIFE CYCLE MANAGEMENT	PCT/US2016/068973	WO2017/222595	WO		12/28/2017

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
7374	CODE DIVISION MULTIPLEXING OF UPLINK CONTROL INFORMATION	PCT/US2016/068982	WO2017/155591	WO		9/14/2017
7375	DUAL BEAM OPERATION FOR MOBILITY	PCT/US2016/068990	WO2017/171952	WO		10/5/2017
7376	USER EQUIPMENT (UE) SUPPORT MODE AND ID SUPPORT	PCT/US2016/068991	WO2017/171953	WO		10/5/2017
7377	EXTENDED PHYSICAL BROADCAST CHANNEL DESIGN FOR 5G STANDALONE SYSTEM	PCT/US2016/069146	WO2017/196406	WO		11/16/2017
7378	UPLINK MODULATION CODING SCHEME AND CONFIGURATION	PCT/US2016/069233	WO2017/171956	WO		10/5/2017
7379	LOW LATENCY IN WIRELESS COMMUNICATION SYSTEM	PCT/US2016/069525	WO2017/136079	WO		8/10/2017
7380	DPLL WITH ADJUSTABLE DELAY IN INTEGER OPERATION MODE	PCT/US2016/069584	WO2018/125232	WO		7/5/2018
7381	SOUNDING REFERENCE SIGNAL IN CELLULAR SYSTEMS	PCT/US2016/069635	WO2017/136085	WO		8/10/2017
7382	UL (UPLINK) CONTROL DESIGN FOR UNLICENSED SPECTRUM	PCT/US2017/012122	WO2017/120183	WO		7/13/2017
7383	METHOD AND APPARATUS FOR CHANNEL ACCESS FOR TRANSMISSION OF PUSCH AND UL CONTROL	PCT/US2017/012630	WO2017/120542	WO		7/13/2017
7384	METHODS AND DEVICES FOR MANAGING PACKET DATA NETWORK CONNECTIONS	PCT/US2017/014210	WO2017/142672	WO		8/24/2017
7385	LWA ENHANCEMENTS FOR TRI-BAND (24 GHZ 5 GHZ AND 60 GHZ) WI-FI EQUIPMENT	PCT/US2017/015362	WO2018/017161	WO		1/25/2018
7386	LISTEN-BEFORE-TALK (LBT) FAILURE DURING A RANDOM ACCESS PROCEDURE	PCT/US2017/016074	WO2017/136458	WO		8/10/2017
7387	RESOURCE ALLOCATION IN LOW-LATENCY WIRELESS SYSTEMS	PCT/US2017/016280	WO2017/136592	WO		8/10/2017
7388	TRANSMIT AMPLITUDE AND PHASE MODULATION BASED ON TWO CONSTANT-AMPLITUDE PHASORS	PCT/US2017/016325	WO2017/155642	WO		9/14/2017
7389	CSI FEEDBACK FOR OPEN LOOP FD-MIMO TRANSMISSION	PCT/US2017/016899	WO2017/172049	WO		10/5/2017
7390	USING A MANAGED OBJECT OPERATION TO CONTROL A LIFECYCLE MANAGEMENT OPERATION	PCT/US2017/016961	WO2018/034693	WO		2/22/2018
7391	PROCESSING TRACING INFORMATION OF A RADIO SIGNAL	PCT/US2017/017291	WO2017/160429	WO		9/21/2017
7392	HYBRID I-Q POLAR TRANSMITTER WITH QUADRATURE LOCAL OSCILLATOR (LO) PHASE CORRECTION	PCT/US2017/017314	WO2017/160430	WO		9/21/2017
7393	DEVICES AND METHOD FOR CELL SEARCH AND DETECTION	PCT/US2017/017746	WO2017/172077	WO		10/5/2017
7394	METHODS AND COMMUNICATION DEVICES FOR PERFORMING CELL SEARCH AND DETECTION	PCT/US2017/017857	WO2017/165017	WO		9/28/2017
7395	INTERLACES ALLOCATION AND INDICATION	PCT/US2017/018148	WO2017/146987	WO		8/31/2017
7396	INTERFERENCE MITIGATION IN CELLULAR NETWORKS	PCT/US2017/018262	WO2017/172100	WO		10/5/2017

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
7397	COMMUNICATION DEVICE AND METHOD FOR TRANSMITTING DATA	PCT/US2017/019245	WO2017/172139	WO		10/5/2017
7398	COMMUNICATION DEVICE AND A METHOD FOR OPERATING A COMMUNICATION DEVICE	PCT/US2017/019254	WO2017/172140	WO		10/5/2017
7399	TRANSMISSION DETECTION OF NON-SCHEDULED UPLINK TRANSMISSIONS	PCT/US2017/019487	WO2017/147513	WO		8/31/2017
7400	DOWNLINK CONTROL INFORMATION FOR NON-SCHEDULED UPLINK TRANSMISSIONS	PCT/US2017/019490	WO2017/147515	WO		8/31/2017
7401	END-TO-END TECHNIQUES TO COLLECT PM (PERFORMANCE MEASUREMENT) DATA FROM A NVF (NETWORK FUNCTION VIRTUALIZATION) INFRASTRUCTURE	PCT/US2017/019942	WO2017/222609	WO		12/28/2017
7402	PDCP RLC HANDLING IN DC SPLIT BEARER	PCT/US2017/020418	WO2018/063435	WO		4/5/2018
7403	FILTERING FOR MEASUREMENT IN FIFTH GENERATION NETWORKS	PCT/US2017/020707	WO2018/034698	WO		2/22/2018
7404	SYSTEMS METHODS AND DEVICES FOR MEASUREMENT AND COMMUNICATION OF NUMEROLOGY OF SUBCARRIER SPACING	PCT/US2017/020924	WO2018/063437	WO		4/5/2018
7405	END-TO-END TECHNIQUES TO CREATE PM (PERFORMANCE MEASUREMENT) THRESHOLDS AT NFV (NETWORK FUNCTION VIRTUALIZATION) INFRASTRUCTURE	PCT/US2017/021488	WO2017/222613	WO		12/28/2017
7406	PAGING DESIGN FOR STAND-ALONE BEAMFORMED SYSTEM	PCT/US2017/022914	WO2017/176438	WO		10/12/2017
7407	CO-EXISTENCE OF GRANTLESS UPLINK AND SCHEDULED TRANSMISSIONS	PCT/US2017/023394	WO2017/165405	WO		9/28/2017
7408	IoT goes Unlicensed	PCT/US2017/024446	WO2018/182573	WO		10/4/2018
7409	CSI (CHANNEL STATE INFORMATION) ENHANCEMENTS FOR FD (FULL DIMENSION)-MIMO (MULTIPLE INPUT MULTIPLE OUTPUT)	PCT/US2017/025242	WO2017/173201	WO		10/5/2017
7410	APPARATUS AND METHOD FOR INTERPOLATING BETWEEN A FIRST AND A SECOND SIGNAL	PCT/US2017/025244	WO2018/182662	WO		10/4/2018
7411	MEASUREMENT ENHANCEMENT IN HIGH SPEED COMMUNICATION	PCT/US2017/025433	WO2017/173303	WO		10/5/2017
7412	DEVICE RADAR SENSING	PCT/US2017/025524	WO2018/182723	WO		10/4/2018
7413	RACH-LESS HANDOVER TO SMALL CELL	PCT/US2017/025617	WO2017/196459	WO		11/16/2017
7414	TECHNIQUES FOR CHANNEL STATE DETERMINATION	PCT/US2017/025629	WO2018/182745	WO		10/4/2018
7415	UE CAPABILITY SIGNALING FOR MAKE-BEFORE-BREAK AND RACH-LESS HANDOVER	PCT/US2017/026712	WO2018/026401	WO		2/8/2018
7416	TESTING OF USER EQUIPMENTS FOR IDLE PERIODS DISTRIBUTION	PCT/US2017/026860	WO2018/022151	WO		2/1/2018
7417	UPLINK DEMODULATION REFERENCE SIGNAL ENHANCEMENT IN FULL-DIMENSION MULTIPLE-INPUT MULTIPLE-OUTPUT SYSTEMS	PCT/US2017/027206	WO2017/180742	WO		10/19/2017

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
7418	FREQUENCY TRACKING FOR BEAMFORMED SYSTEMS	PCT/US2017/027297	WO2017/180803	WO		10/19/2017
7419	SCHEDULING REQUEST TRANSMISSIONS IN THE UNLICENSED SPECTRUM	PCT/US2017/027766	WO2017/213751	WO		12/14/2017
7420	LOW LATENCY PHYSICAL RANDOM ACCESS CHANNEL DESIGN	PCT/US2017/027783	WO2017/181124	WO		10/19/2017
7421	DEVICES AND METHODS FOR BAND PAUSE TESTING	PCT/US2017/028542	WO2017/213759	WO		12/14/2017
7422	INDOOR POSITIONING ENHANCEMENTS	PCT/US2017/029607	WO2018/031084	WO		2/15/2018
7423	MULTIPLE MAC ENTITIES PER USER EQUIPMENT	PCT/US2017/029878	WO2018/031085	WO		2/15/2018
7424	METHODS FOR MULTI-CARRIER OPERATION WITH MULTIPLE ANCHOR CARRIERS IN NARROW-BAND INTERNET-OF-THINGS	PCT/US2017/030692	WO2017/192624	WO		11/9/2017
7425	SECURITY FOR PAGING MESSAGES	PCT/US2017/030724	WO2018/182759	WO		10/4/2018
7426	DUAL BEAM TRANSMISSION AND ACK (ACKNOWLEDGEMENT)/NACK (NEGATIVE ACKNOWLEDGEMENT) FEEDBACK MECHANISM FOR PUCCH (PHYSICAL UPLINK CONTROL CHANNEL)	PCT/US2017/030952	WO2017/192793	WO		11/9/2017
7427	PHASE COMPENSATION REFERENCE SIGNAL FOR 5G SYSTEMS	PCT/US2017/031825	WO2017/196896	WO		11/16/2017
7428	DEVICES AND METHODS FOR ELAA MULTI-CARRIER LBT	PCT/US2017/031953	WO2018/038777	WO		3/1/2018
7429	BANDWIDTH UTILIZATION DURING SILENCE FRAMES	PCT/US2017/032141	WO2018/208304	WO		11/15/2018
7430	INCREASE OF SPECTRAL CAPACITY OF EMBMS-CELL WHEN DEPLOYED AS A SUPPLEMENTARY DOWNLINK CARRIER	PCT/US2017/032290	WO2017/197200	WO		11/16/2017
7431	TRANSPORT CHANNEL TO PHYSICAL CHANNEL MAPPING WITH SCALABLE TRANSMISSION TIME INTERVALS	PCT/US2017/032380	WO2017/197248	WO		11/16/2017
7432	TRACKING USER EQUIPMENT AT RADIO ACCESS NETWORK LEVEL	PCT/US2017/032548	WO2017/197359	WO		11/16/2017
7433	HARMONIC SUPPRESSING LOCAL OSCILLATOR SIGNAL GENERATION	PCT/US2017/033762	WO2017/222709	WO		12/28/2017
7434	COMMUNICATION DEVICE AND A METHOD FOR OPERATING A COMMUNICATION DEVICE	PCT/US2017/034906	WO2018/004912	WO		1/4/2018
7435	DETERMINATION CIRCUIT AND APPARATUS MOBILE TRANSCEIVER COMMUNICATION DEVICE METHOD FOR DETERMINING COMPUTER PROGRAM AND STORAGE TO DETERMINE A SPATIAL TRANSMISSION MODE	PCT/US2017/034928	WO2018/004918	WO		1/4/2018
7436	METHODS AND TRANSCEIVERS FOR REDUCING A DISTORTION COMPONENT WITHIN A BASEBAND RECEIVE SIGNAL	PCT/US2017/035334	WO2018/004968	WO		1/4/2018
7437	X2 SUPPORT FOR ENHANCED MOBILITY (EMOB)	PCT/US2017/035736	WO2018/031110	WO		2/15/2018

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
7438	CONTROL CHANNEL TRANSMISSION IN NEW RADIO ACCESS TECHNOLOGIES USING COMMON SEARCH SPACE	PCT/US2017/035899	WO2018/031111	WO		2/15/2018
7439	CORE NETWORK OVERLOAD CONTROL FOR CONTROL PLANE EVOLVED PACKET SYSTEM	PCT/US2017/035970	WO2018/063453	WO		4/5/2018
7440	SYSTEM AND METHOD FOR PHYSICAL UPLINK REQUEST CHANNEL DESIGN	PCT/US2017/036513	WO2017/218282	WO		12/21/2017
7441	UE CAPABILITIES FOR ELWA	PCT/US2017/036975	WO2018/063456	WO		4/5/2018
7442	CHANNEL STATE AND BEAM RELATED INFORMATION REPORTING	PCT/US2017/037637	WO2017/218749	WO		12/21/2017
7443	UPLINK SOUNDING REFERENCE SIGNAL (SRS) TRANSMISSION IN CARRIER AGGREGATION SYSTEM	PCT/US2017/038536	WO2017/223196	WO		12/28/2017
7444	DEVICE FOR AND METHOD OF RADIO ACCESS TECHNOLOGY SELECTION AMONG MULTIPLE RADIO ACCESS TECHNOLOGIES	PCT/US2017/038763	WO2018/022225	WO		2/1/2018
7445	SYSTEMS METHODS AND DEVICES FOR UPLINK BEARER AND ACCESS CATEGORY MAPPING	PCT/US2017/038804	WO2018/063461	WO		4/5/2018
7446	AT COMMANDS FOR CELLULAR INTERNET OF THINGS RATE CONTROL	PCT/US2017/038977	WO2018/063462	WO		4/5/2018
7447	SYSTEMS AND METHODS FOR DELIVERING RADIO APPLICATIONS TO RECONFIGURABLE RADIO EQUIPMENT	PCT/US2017/039117	WO2018/236399	WO		12/27/2018
7448	OPTIMIZED PAGING MECHANISM FOR IP MULTIMEDIA SUBSYSTEM (IMS)	PCT/US2017/039393	WO2018/005419	WO		1/4/2018
7449	DYNAMIC OFFLOADING OF V2X SERVICES TO DSRC	PCT/US2017/039554	WO2018/005531	WO		1/4/2018
7450	CONFIGURATION OF DISCONTINUOUS RECEPTION (DRX) PARAMETERS IN LIGHT CONNECTION	PCT/US2017/039561	WO2018/063467	WO		4/5/2018
7451	CHANNEL STATE INFORMATION CONFIGURATION FOR MOBILE COMMUNICATION SYSTEMS	PCT/US2017/039676	WO2018/031132	WO		2/15/2018
7452	EARLY ACKNOWLEDGEMENT FEEDBACK FOR 5G GROUPED TRANSMISSIONS	PCT/US2017/039690	WO2018/005615	WO		1/4/2018
7453	APPARATUSES TO AUTHORIZE AND ENABLE/DISABLE ENHANCED COVERAGE FUNCTIONALITY	PCT/US2017/039786	WO2018/005661	WO		1/4/2018
7454	SYSTEMS METHODS AND DEVICES FOR BEAM MEASUREMENT AND REPORTING IN CELLULAR NETWORKS	PCT/US2017/039892	WO2018/031138	WO		2/15/2018
7455	ENHANCED LTE-WLAN AGGREGATION X2 AND XW SUPPORT FOR HANDOVER WITHOUT WLAN TERMINATION CHANGE	PCT/US2017/039944	WO2018/031139	WO		2/15/2018
7456	BUFFER STATUS REPORTING METHODS AND PROCEDURES	PCT/US2017/040337	WO2018/031143	WO		2/15/2018
7457	PHASE NOISE COMPENSATION	PCT/US2017/040825	WO2018/009608	WO		1/11/2018
7458	COMMUNICATION DEVICE AND METHOD FOR WIRELESS COMMUNICATIONS	PCT/US2017/042301	WO2018/044402	WO		3/8/2018

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
7459	DATA COMMUNICATION OVER SHORTENED TTI (TRANSMISSION TIME INTERVAL)	PCT/US2017/043629	WO2018/022560	WO		2/1/2018
7460	CONTROL SIGNALING FOR USER EQUIPMENT TRANSMISSION BEAMFORMING	PCT/US2017/043998	WO2018/022782	WO		2/1/2018
7461	AN ARRANGEMENT FOR CONCURRENT DETECTION OF SIGNALS IN A RECEIVER	PCT/US2017/044087	WO2018/044439	WO		3/8/2018
7462	LINK MONITORING REPETITION LEVEL FEEDBACK FOR COMMUNICATION SYSTEMS	PCT/US2017/044094	WO2018/063485	WO		4/5/2018
7463	COLLECTION OF VNF (VIRTUAL NETWORK FUNCTION) PERFORMANCE MEASUREMENTS RELATED TO VIRTUALIZED RESOURCES	PCT/US2017/044280	WO2018/022951	WO		2/1/2018
7464	TIMING ADVANCE FOR BEAM FORMING SYSTEMS	PCT/US2017/044540	WO2018/023086	WO		2/1/2018
7465	SYSTEMS AND METHODS FOR CONFIGURATION OF LIGHT CONNECTION	PCT/US2017/044658	WO2018/057120	WO		3/29/2018
7466	APPARATUSES AND METHODS FOR MEASURING NEIGHBORING INTER-FREQUENCY OR INTER-RAT CELLS	PCT/US2017/044781	WO2018/063494	WO		4/5/2018
7467	ENHANCED PHYSICAL RANDOM-ACCESS CHANNEL TRANSMISSION IN NEW RADIO STANDARD	PCT/US2017/044848	WO2018/031291	WO		2/15/2018
7468	SYSTEMS AND METHOD FOR SELECTING CARRIER RESOURCES FOR NARROWBAND PHYSICAL RANDOM ACCESS CHANNEL PROCEDURES	PCT/US2017/044946	WO2018/031300	WO		2/15/2018
7469	METHOD FOR COMMUNICATING COMPUTER PROGRAM WIRELESS COMMUNICATION DEVICE WIRELESS COMMUNICATIONS PROCESSOR TRANSMITTER AND APPLICATION PROCESSOR	PCT/US2017/045200	WO2018/080611	WO		5/3/2018
7470	MOBILE COMMUNICATION DEVICE AND METHOD FOR SELECTING A BEAM DIRECTION FOR AN ANTENNA	PCT/US2017/045662	WO2018/048543	WO		3/15/2018
7471	TRANSMISSION OF PHASE TRACKING REFERENCE SIGNALS (PT-RS)	PCT/US2017/045748	WO2018/027222	WO		2/8/2018
7472	RRC COORDINATION BETWEEN A PLURALITY OF NODES	PCT/US2017/045949	WO2018/031573	WO		2/15/2018
7473	COMMUNICATION NETWORK COMPONENT AND METHOD FOR REQUESTING CHANNEL INFORMATION	PCT/US2017/046191	WO2018/063519	WO		4/5/2018
7474	COMMUNICATION DEVICE AND METHOD FOR PERFORMING POSITIONING	PCT/US2017/046192	WO2018/063520	WO		4/5/2018
7475	WIRELESS LINK CONTROL AND RECOVERY USING POSITIONAL DATA	PCT/US2017/046405	WO2018/063527	WO		4/5/2018
7476	NARROWBAND DEFINITIONS RESOURCE ALLOCATION AND FREQUENCY HOPPING FOR USER EQUIPMENT	PCT/US2017/046580	WO2018/031927	WO		2/15/2018

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
7477	SUPPORT OF SC-PTM BASED MULTICASTING FOR BL/CE AND NB-IoT UEs	PCT/US2017/046581	WO2018/031928	WO		2/15/2018
7478	AMPLITUDE-MODULATION SIGNAL AND PHASE-MODULATION SIGNAL DELAY ADJUSTMENT FOR POLAR TRANSMITTER	PCT/US2017/046882	WO2018/052612	WO		3/22/2018
7479	TRANSMITTER PERFORMANCE CALIBRATION SYSTEMS AND METHODS	PCT/US2017/046887	WO2018/057150	WO		3/29/2018
7480	ANTENNA ARRANGEMENT FOR WIRELESS VIRTUAL REALITY HEADSET	PCT/US2017/047115	WO2018/035209	WO		2/22/2018
7481	A RECEIVER A METHOD FOR CONTROLLING A RECEIVER AND A MOBILE COMMUNICATIONS DEVICE	PCT/US2017/047258	WO2018/063557	WO		4/5/2018
7482	BEAM REFINEMENT AND CONTROL SIGNALING FOR MOBILE COMMUNICATION SYSTEMS	PCT/US2017/047362	WO2018/035334	WO		2/22/2018
7483	MOBILE COMMUNICATIONS DEVICE AND METHOD USING SINGLE TRANSMISSION CHAIN	PCT/US2017/047470	WO2018/063567	WO		4/5/2018
7484	DETECTING A TOUCH INPUT TO A SURFACE	PCT/US2017/047495		WO		
7485	TRANSCIEVERS FOR A WIRELESS COMMUNICATION SYSTEM MOBILE DEVICE AND METHOD FOR IMPROVING TRANSCIEVER LOOPBACK CALIBRATION ACCURACY	PCT/US2017/047498	WO2019/035841	WO		2/21/2019
7486	DELTA SIGMA ANALOG-DIGITAL CONVERTER RADIO FRONT-END RADIO RECEIVER MOBIL TERMINAL AND BASE STATION	PCT/US2017/047500	WO2018/063568	WO		4/5/2018
7487	POWER ESTIMATION SYSTEM AND METHOD	PCT/US2017/047565	WO2018/057172	WO		3/29/2018
7488	MULTIPLEXING A RECEIVE CHAIN BETWEEN ENTITIES OF A DEVICE WHEN ERROR CORRECTING TECHNIQUE IS EMPLOYED BY AN ENTITY	PCT/US2017/047716	WO2018/080620	WO		5/3/2018
7489	NETWORK ASSISTED SIGNALING FOR HIGH SPEED DEPLOYMENTS	PCT/US2017/047856	WO2018/039143	WO		3/1/2018
7490	TRANSMISSION OF MULTIPLE USER SUPERPOSITION TRANSMISSION (MUST) PARAMETERS TO USER EQUIPMENTS	PCT/US2017/047986	WO2018/039212	WO		3/1/2018
7491	PAPR reduction for IQ RFDAC	PCT/US2017/048116	WO2018/057204	WO		3/29/2018
7492	DETECTING A TOUCH INPUT TO A SURFACE	PCT/US2017/048296	WO2019/035851	WO		2/21/2019
7493	USER EQUIPMENT (UE) EVOLVED NODE-B (ENB) AND METHODS FOR MULTIPLEXING NEW RADIO (NR) PHYSICAL UPLINK SHARED CHANNEL (NR PUSCH) AND NR PHYSICAL UPLINK CONTROL CHANNEL (NR PUCCH)	PCT/US2017/049296	WO2018/080629	WO		5/3/2018

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
7494	USER EQUIPMENT (UE) EVOLVED NODE-B (ENB) AND METHODS FOR DYNAMIC HYBRID AUTOMATIC REPEAT REQUEST (HARQ)	PCT/US2017/049313	WO2018/071104	WO		4/19/2018
7495	METHOD AND APPARATUS FOR IIP2 CALIBRATION	PCT/US2017/049614	WO2019/045729	WO		3/7/2019
7496	CELLULAR TELEPHONE NETWORK TO NARROW BAND INTERNET OF THINGS NETWORK SWITCHING METHOD AND APPARATUS	PCT/US2017/050415	WO2018/063763	WO		4/5/2018
7497	FREQUENCY DIFFERENCE DETERMINATION	PCT/US2017/050427	WO2018/075155	WO		4/26/2018
7498	DITHERING FOR SPUR REDUCTION IN LOCAL OSCILLATOR GENERATION	PCT/US2017/051058	WO2019/054981	WO		3/21/2019
7499	WIRELESS LOCAL AREA NETWORK INTEGRATION WITH INTERNET PROTOCOL SECURITY TUNNEL	PCT/US2017/052286	WO2018/057521	WO		3/29/2018
7500	UPLINK TRANSMISSION FOR MULTIPLE SERVICES AND PHYSICAL CONFIGURATIONS IN WIRELESS NETWORKS	PCT/US2017/053325	WO2018/064002	WO		4/5/2018
7501	RADAR UTILIZATION IN PHASED ARRAY COMMUNICATION SYSTEMS	PCT/US2017/056505	WO2018/118195	WO		6/28/2018
7502	USER EQUIPMENT (UE) EVOLVED NODE-B (ENB) AND METHODS FOR SIGNALING OF NEW RADIO (NR) PHYSICAL UPLINK CONTROL CHANNEL (PUCCH) ALLOCATIONS	PCT/US2017/057024	WO2018/085044	WO		5/11/2018
7503	SIGNALING TO SUPPORT REDUCED PROCESSING TIME	PCT/US2017/057985	WO2018/085075	WO		5/11/2018
7504	REFERENCE SIGNAL TIME DIFFERENCE (RSTD) MEASUREMENTS FOR OBSERVED TIME DIFFERENCE OF ARRIVAL (OTDOA) POSITIONING	PCT/US2017/058080	WO2018/085078	WO		5/11/2018
7505	DOWNLINK CONTROL INFORMATION DESIGN WITH SHORTER TTI	PCT/US2017/058611	WO2018/085118	WO		5/11/2018
7506	UE BEHAVIOR DURING SRS SWITCHING AMONG TDD COMPONENT CARRIERS	PCT/US2017/058812	WO2018/081597	WO		5/3/2018
7507	AVOIDANCE OF HFN DESYNCHRONIZATION IN UPLINK OVER WLAN IN LTE-WLAN AGGREGATION	PCT/US2017/059117	WO2018/085209	WO		5/11/2018
7508	LWIP USER PLANE INTERFACE	PCT/US2017/059372	WO2018/085290	WO		5/11/2018
7509	SIGNALING OF SUPPORT FOR NCSG FOR INTERRUPTION CONTROL	PCT/US2017/059609	WO2018/085459	WO		5/11/2018
7510	UE AND DEVICES FOR CODEC RATE ADAPTATION	PCT/US2017/059952	WO2018/085668	WO		5/11/2018
7511	MESSAGE 3 TRANSMISSION IN RANDOM ACCESS PROCEDURE FOR NR	PCT/US2017/060010	WO2018/085701	WO		5/11/2018
7512	BEAM RECIPROCITY INDICATION AND JOINT UPLINK DOWNLINK BEAM MANAGEMENT	PCT/US2017/060023	WO2018/085709	WO		5/11/2018
7513	SYSTEMS AND METHODS TO REPORT BAND COMBINATION CAPABILITIES IN A TELECOMMUNICATION NETWORK	PCT/US2017/060046	WO2018/085721	WO		5/11/2018

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
7514	SYSTEMS AND METHODS TO OPTIMIZE REPORTING OF PHYSICAL PARAMETERS IN A TELECOMMUNICATION NETWORK	PCT/US2017/060050	WO2018/085723	WO		5/11/2018
7515	SYSTEMS AND METHODS FOR BI-CASTING INFORMATION TO USER EQUIPMENT OF A WIRELESS TELECOMMUNICATION NETWORK	PCT/US2017/060055	WO2018/085727	WO		5/11/2018
7516	SYSTEMS METHODS AND DEVICES FOR HANDLING STICKINESS OF UE-SPECIFIC RAN-CN ASSOCIATION	PCT/US2017/060231	WO2018/085784	WO		5/11/2018
7517	DYNAMIC PROTOCOL STACK RESET DURING RADIO HANDOVER	PCT/US2017/061115	WO2018/089803	WO		5/17/2018
7518	CONFIGURATION OF RADIO RESOURCE MANAGEMENT MEASUREMENT	PCT/US2017/061263	WO2018/089879	WO		5/17/2018
7519	DEVICES FOR PER-CC MEASUREMENT GAP CONFIGURATION	PCT/US2017/061352	WO2018/089917	WO		5/17/2018
7520	COVERAGE ENHANCEMENT FOR UNLICENSED INTERNET OF THINGS (U-IoT)	PCT/US2017/061873	WO2018/093951	WO		5/24/2018
7521	LWIP (LTE/WLAN RADIO LEVEL INTEGRATION USING IPSEC TUNNEL) PACKET ACKNOWLEDGMENT USING GRE (GENERIC ROUTING ENCAPSULATION) HEADER	PCT/US2017/061936	WO2018/102138	WO		6/7/2018
7522	ENHANCED HANDOVER MECHANISM	PCT/US2017/062280	WO2018/106429	WO		6/14/2018
7523	5G MMWAVE WIRELESS REMOTE RADIO HEAD SYSTEM	PCT/US2017/062288	WO2018/094203	WO		5/24/2018
7524	APPARATUSES AND METHODS FOR WIRELESS COMMUNICATION	PCT/US2017/063168	WO2019/103746	WO		5/31/2019
7525	VEHICLE-TO-EVERYTHING POSITIONING TECHNIQUE	PCT/US2017/063307	WO2018/106467	WO		6/14/2018
7526	SYSTEMS METHODS AND DEVICES FOR VIRTUAL NETWORK FUNCTION VIRTUAL PROCESSOR USAGE REPORTING IN CELLULAR NETWORKS	PCT/US2017/064538	WO2018/106604	WO		6/14/2018
7527	SYSTEMS AND METHODS FOR CHANNEL ACCESS IN A MULTIFIRE ENVIRONMENT	PCT/US2017/064653	WO2018/106658	WO		6/14/2018
7528	ADVANCED CONTROL CHANNEL FOR COVERAGE ENHANCEMENT	PCT/US2017/064676	WO2018/106668	WO		6/14/2018
7529	BEAMFORMING MEASUREMENTS BASED ON PSS/SSS	PCT/US2017/064751	WO2018/118419	WO		6/28/2018
7530	DESIGN OF DISCOVERY REFERENCE SIGNALS	PCT/US2017/064967	WO2018/106841	WO		6/14/2018
7531	MULTIFIRE USER EQUIPMENT FOR GRANTLESS UPLINK TRANSMISSION	PCT/US2017/065102	WO2018/106911	WO		6/14/2018
7532	UE BEHAVIORS FOR SEMI-PERSISTENT CSI-RS TRANSMISSION AND CSI REPORTING	PCT/US2017/065312	WO2018/107029	WO		6/14/2018
7533	PROVIDING CONCURRENT CONNECTIONS TO A SUBSCRIBER USING A MOBILE DEVICE HAVING MULTIPLE TRANSCEIVERS	PCT/US2017/065667	WO2018/111788	WO		6/21/2018
7534	COMMUNICATION OPERATIONS IN MULTI-SIM WIRELESS DEVICES	PCT/US2017/065678	WO2018/111790	WO		6/21/2018

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
7535	CAMPING IN THE CONTEXT OF DEVICE-TO-DEVICE COMMUNICATION CAPABILITY IN A WIRELESS DEVICE	PCT/US2017/065681	WO2018/111793	WO		6/21/2018
7536	USER EQUIPMENT (UE) GENERATION NODE-B (GNB) AND METHODS FOR SIGNALING OF CONTROL INFORMATION FOR PRE-CODING	PCT/US2017/065710	WO2018/111809	WO		6/21/2018
7537	Novel multifeed predistorter with realtime adaptation	PCT/US2017/066066	WO2019/117888	WO		6/20/2019
7538	METHOD AND APPARATUS FOR DIGITAL ENVELOPE TRACKING WITH DYNAMICALLY CHANGING VOLTAGE LEVELS FOR POWER AMPLIFIER	PCT/US2017/066556	WO2019/117933	WO		6/20/2019
7539	RESOURCE ALLOCATION AND DETAILED DESIGN FOR NEW RADIO (NR) PHYSICAL UPLINK CONTROL CHANNEL (PUCCH) WITH MULTIPLE SLOT DURATION	PCT/US2017/066637	WO2018/112322	WO		6/21/2018
7540	GENERATION NODE-B (GNB) USER EQUIPMENT (UE) AND METHODS FOR INTERLEAVING IN MULTIPLE-INPUT MULTIPLE-OUTPUT (MIMO) ARRANGEMENTS	PCT/US2017/066796	WO2018/128780	WO		7/12/2018
7541	TRANSMISSION SCHEME FOR COMMON CONTROL MESSAGE WITH MULTI-BEAM OPERATION	PCT/US2017/067033	WO2018/128786	WO		7/12/2018
7542	SYSTEMS METHODS AND DEVICES FOR REPORTING SUPPORTED CELLULAR CAPABILITY COMBINATIONS	PCT/US2017/067044	WO2018/118788	WO		6/28/2018
7543	LONG-TERM EVOLUTION WIRELESS LOCAL AREA NETWORK AGGREGATION ENHANCEMENTS FOR ENTERPRISE AND HOME USE	PCT/US2017/067390	WO2018/118973	WO		6/28/2018
7544	MEASUREMENT JOB SUSPENSION AND RESUMPTION IN NETWORK FUNCTION VIRTUALIZATION	PCT/US2017/067398	WO2018/128804	WO		7/12/2018
7545	SYSTEMS AND METHODS FOR UE TO SWITCH BETWEEN LTE RAT AND NR RAT DURING TRANSITION FROM INACTIVE STATE TO ACTIVE STATE	PCT/US2017/067679	WO2018/119119	WO		6/28/2018
7546	SYSTEMS AND METHODS FOR PACKET FORWARDING DURING HANDOVER PROCEDURES	PCT/US2017/067685	WO2018/119123	WO		6/28/2018
7547	A SYSTEM AND METHOD OF COTROLLING A TRANSMISSION	PCT/US2017/067763	WO2018/125730	WO		7/5/2018
7548	MEASUREMENT OF CROSSLINK INTERFERENCE IN A DYNAMIC TIME DIVISION DUPLEX (TDD) NEW RADIO (NR) SYSTEM	PCT/US2017/068012	WO2018/128851	WO		7/12/2018
7549	SYSTEMS METHODS AND DEVICES FOR CONGESTION CONTROL FOR TRANSPORT OF USER DATA VIA A CONTROL PLANE	PCT/US2017/068165	WO2018/125795	WO		7/5/2018
7550	(UL) UPLINK (BW) BANDWIDTH ADAPTATION AND MULTI-BW PART OPERATION IN NR (NEW RADIO)	PCT/US2017/068177	WO2018/128855	WO		7/12/2018

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
7551	GENERATION NODE-B (GNB) USER EQUIPMENT (UE) AND METHODS FOR HANDOVER IN NEW RADIO (NR) SYSTEMS	PCT/US2017/068287	WO2018/128862	WO		7/12/2018
7552	SYNCHRONIZATION SIGNAL TRANSMISSION AND RECEPTION	PCT/US2017/068349	WO2018/128867	WO		7/12/2018
7553	RESOURCE ALLOCATION DESIGN AND CONFIGURABLE DM (DEMODULATION)-RS (REFERENCE SIGNAL) FOR NR (NEW RADIO) UL (UPLINK) CONTROL CHANNEL	PCT/US2017/068398	WO2018/128870	WO		7/12/2018
7554	SYSTEMS METHODS AND DEVICES FOR MEETING CELLULAR DATA TURNAROUND TIME	PCT/US2017/068431	WO2018/128873	WO		7/12/2018
7555	INSTANTIATION AND MANAGEMENT OF PHYSICAL AND VIRTUALIZED NETWORK FUNCTIONS OF A RADIO ACCESS NETWORK NODE	PCT/US2017/068435	WO2018/128875	WO		7/12/2018
7556	USER EQUIPMENT (UE) GENERATION NODE-B (GNB) AND METHODS FOR PHASE TRACKING REFERENCE SIGNAL (PT-RS) PRE-CODING	PCT/US2017/068525	WO2018/125910	WO		7/5/2018
7557	SYSTEMS METHODS AND DEVICES FOR ALARM NOTIFICATION IN A NETWORK FUNCTION VIRTUALIZATION INFRASTRUCTURE	PCT/US2017/068580	WO2018/128894	WO		7/12/2018
7558	MIXED MODE BLUETOOTH COMMUNICATIONS	PCT/US2017/068707	WO2019/050556	WO		3/14/2019
7559	PREDISTORTION CIRCUIT METHOD FOR GENERATING A PREDISTORTED BASEBAND SIGNAL CONTROL CIRCUIT FOR A METHOD FOR A PREDISTORTION CIRCUIT METHOD TO DETERMINE PARAMETERS FOR A PREDISTORTION CIRCUIT AND APPARATUS AND METHOD FOR PREDISTORTING A BASEBAND SIGNAL	PCT/US2017/068859	WO2019/132949	WO		7/4/2019
7560	ELECTRICAL DEVICE ELECTRICAL SYSTEM WITH AN ELECTRICAL DEVICE AND METHOD TO PROVIDE AN ELECTRICAL DEVICE	PCT/US2017/068868	WO2019/132950	WO		7/4/2019
7561	LOW OVERHEAD SUBBAND PHYSICAL DOWNLINK CONTROL FOR COMMUNICATION SYSTEMS	PCT/US2017/068925	WO2018/128922	WO		7/12/2018
7562	BEAM ACQUISITION USING A REFERENCE SIGNAL STRUCTURE FOR COMMUNICATION SYSTEMS	PCT/US2017/068931	WO2018/128923	WO		7/12/2018
7563	BANDWIDTH ADAPTATION FOR WIRELESS COMMUNICATION SYSTEM	PCT/US2017/069070	WO2018/128938	WO		7/12/2018
7564	INTERFERENCE MEASUREMENTS WITH UE BEAM INDICATION	PCT/US2017/069074	WO2018/128940	WO		7/12/2018
7565	MEASUREMENT OF BEAM REFINEMENT SIGNAL	PCT/US2017/069081	WO2018/128944	WO		7/12/2018
7566	ACCESS CONTROL FOR WIRELESS CELLULAR COMMUNICATION SYSTEMS	PCT/US2017/069108	WO2018/128947	WO		7/12/2018
7567	INTER-NODE INTERFERENCE AVOIDANCE	PCT/US2017/069114	WO2018/128948	WO		7/12/2018

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
7568	UE TESTING SYSTEM FOR RF CHARACTERISTICS FOR THE NEW RADIO STANDARD	PCT/US2017/069120	WO2018/128950	WO		7/12/2018
7569	LOCATION POSITIONING PROTOCOL BASED POSITIONING FOR UES IN IDLE MODE	PCT/US2017/069122	WO2018/136224	WO		7/26/2018
7570	CONTROL RESOURCE BLOCK SET SEARCH SPACE DESIGN	PCT/US2018/000089	WO2018/151871	WO		8/23/2018
7571	PHASE TRACKING REFERENCE SIGNAL INDICATIOIN IN MULTI-USER SUPERPOSITION TRANSMISSION	PCT/US2018/000092	WO2018/164761	WO		9/13/2018
7572	FAKE GNB/ENB DETECTION USING IDENTITY-BASED AUTHENTICATION AND ENCRYPTION	PCT/US2018/012385	WO2018/140204	WO		8/2/2018
7573	5G RAN1 method of transmission structure of synchronization signals	PCT/US2018/012398	WO2018/129196	WO		7/12/2018
7574	ESTABLISHMENT OF RANDOM ACCESS CHANNEL COMMUNICATIONS	PCT/US2018/012685	WO2018/129394	WO		7/12/2018
7575	COVERAGE ENHANCEMENT RESTRICTION FOR CIOT DEVICES	PCT/US2018/012796	WO2018/129453	WO		7/12/2018
7576	ADVERTISEMENT OF NR CAPABILITY TO USER EQUIPMENT	PCT/US2018/013347	WO2018/136298	WO		7/26/2018
7577	BINARY STOCHASTIC TIME-TO-DIGITAL CONVERTER AND METHOD	PCT/US2018/014356	WO2018/182826	WO		10/4/2018
7578	RELIABLE DATA SERVICE PROTOCOL FOR CIOT DEVICES	PCT/US2018/014488	WO2018/144249	WO		8/9/2018
7579	SEMI-PERSISTENT SCHEDULING FOR AUTONOMOUS TRANSMISSION ACTIVATION AND RELEASE	PCT/US2018/014558	WO2018/136815	WO		7/26/2018
7580	BUFFER STATUS REPORT ENHANCEMENTS FOR TCP FLOW	PCT/US2018/014859	WO2018/140401	WO		8/2/2018
7581	RADIO RESOURCE CONTROL (RRC) LIGHT CONNECTION	PCT/US2018/015037	WO2018/144281	WO		8/9/2018
7582	eLWA/LWIP ACTIONS UPON WLAN DISCONNECT	PCT/US2018/015253	WO2018/140608	WO		8/2/2018
7583	FREQUENCY DEPENDENT ENVELOPE TRACKING	PCT/US2018/015413	WO2018/156303	WO		8/30/2018
7584	SYSTEM AND METHOD OF SINGLE RADIO VOICE CALL CONTINUITY HANDOVER REDUCTION	PCT/US2018/015526	WO2018/144345	WO		8/9/2018
7585	CONTROL SIGNALING FOR BEAM MANAGEMENT	PCT/US2018/015726	WO2018/144384	WO		8/9/2018
7586	HANDLING OF USER EQUIPMENT COVERAGE ENHANCEMENT MODE B RADIO CAPABILITY MISMATCH DUE TO CHANGE IN USER EQUIPMENT USAGE SETTING	PCT/US2018/015869	WO2018/174995	WO		9/27/2018
7587	TECHNIQUES FOR RADIO CELL RESELECTION	PCT/US2018/015871	WO2019/151978	WO		8/8/2019
7588	SPUR CANCELATION USING INVERSE SPUR INJECTION	PCT/US2018/016140	WO2018/160312	WO		9/7/2018
7589	DEVICES FOR PER-CC MEASUREMENT GAP CONFIGURATION	PCT/US2018/016207	WO2018/144584	WO		8/9/2018

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
7590	MANAGEMENT OF VOICE SERVICES FOR USER EQUIPMENTS IN COVERAGE ENHANCEMENT (CE) MODE B	PCT/US2018/016285	WO2018/148083	WO		8/16/2018
7591	ANCHOR CHANNEL DESIGN FOR UNLICENSED INTERNET OF THINGS (IOT)	PCT/US2018/016299	WO2018/144638	WO		8/9/2018
7592	DOWNLINK CONTROL SIGNALING SEGMENTATION	PCT/US2018/016302	WO2018/144641	WO		8/9/2018
7593	POWER HEADROOM REPORTING FOR SHORTENED TRANSMISSION TIME INTERVALS	PCT/US2018/016306	WO2018/144643	WO		8/9/2018
7594	WIDEBAND MEASUREMENTS IN NEW RADIO SYSTEMS	PCT/US2018/016345	WO2018/144670	WO		8/9/2018
7595	SYSTEMS METHODS AND APPARATUSES FOR DIAMETER BASED INTERFACES TO ENABLE RESTRICTIONS OF COVERAGE ENHANCEMENT IN WIRELESS NETWORKS	PCT/US2018/016389	WO2018/144697	WO		8/9/2018
7596	POSITIONING ENHANCEMENTS FOR NARROWBAND INTERNET OF THINGS	PCT/US2018/016441	WO2018/144722	WO		8/9/2018
7597	GENERATION NODE-B (GNB) USER EQUIPMENT (UE) AND METHODS FOR HANDOVER BASED ON MULTI-CONNECTIVITY IN NEW RADIO (NR) SYSTEMS	PCT/US2018/016491	WO2018/144758	WO		8/9/2018
7598	RSRP METRIC FOR NEW RADIO STANDARD	PCT/US2018/016521	WO2018/144781	WO		8/9/2018
7599	SYSTEM INFORMATION ACQUISITION ENHANCEMENTS FOR WIRELESS DEVICES	PCT/US2018/016613	WO2018/144836	WO		8/9/2018
7600	QUALITY OF SERVICE FLOW TO DATA RADIO BEARER MAPPING OVERRIDE BIT	PCT/US2018/016635	WO2018/144855	WO		8/9/2018
7601	MECHANISMS TO HANDLE DL (DOWNLINK) CONTROL AND DATA CHANNELS WITH DIFFERENT NUMEROLOGIES IN NR (NEW RADIO)	PCT/US2018/016661	WO2018/144877	WO		8/9/2018
7602	PROVISIONS FACILITATING BANDWIDTH ADAPTATION TRANSITION AND MEASUREMENT	PCT/US2018/016679	WO2018/144892	WO		8/9/2018
7603	NETWORK CONTROLLED SMALL GAP CONFIGURATION	PCT/US2018/016719	WO2018/144927	WO		8/9/2018
7604	ALLOCATION OF UPLINK RESOURCES BASED ON USER EQUIPMENT POWER CLASSES	PCT/US2018/016728	WO2018/144936	WO		8/9/2018
7605	TECHNIQUES FOR RESOURCE SHARING	PCT/US2018/016790	WO2019/125508	WO		6/27/2019
7606	SYSTEMS METHODS AND DEVICES FOR VIRTUAL RESOURCE METRIC MANAGEMENT	PCT/US2018/016806	WO2018/148135	WO		8/16/2018
7607	NETWORK RESOURCE MODEL TO SUPPORT NEXT GENERATION NODE B TRANSMISSION OF GROUP COMMON PDCCH (PHYSICAL DOWNLINK CONTROL CHANNEL) FOR NR (NEW RADIO)	PCT/US2018/016818	WO2018/144983	WO		8/9/2018
7608		PCT/US2018/016889	WO2018/145019	WO		8/9/2018

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
7609	HYBRID AUTOMATIC REPEAT REQUEST-ACKNOWLEDGMENT BUNDLING FOR COMMUNICATION SYSTEMS	PCT/US2018/017024	WO2018/145074	WO		8/9/2018
7610	RETRANSMISSION MECHANISMS FOR CBG-BASED HARQ OPERATIONS	PCT/US2018/017032	WO2018/145078	WO		8/9/2018
7611	GENERATION NODE-B (GNB) USER EQUIPMENT (UE) AND METHODS OF SYNCHRONIZATION BASED ON SYNCHRONIZATION SIGNAL (SS) BLOCKS IN NEW RADIO (NR) SYSTEMS	PCT/US2018/017048	WO2018/145081	WO		8/9/2018
7612	Determining Timing Differences Between Primary and Secondary Component Carriers Having Variable Transmission Time Intervals	PCT/US2018/017055	WO2018/145083	WO		8/9/2018
7613	USER EQUIPMENT (UE) EVOLVED NODE-B (ENB) AND METHODS TO INDICATE PARAMETERS FOR A RELAY ARRANGEMENT	PCT/US2018/017057	WO2018/145084	WO		8/9/2018
7614	RESOURCE MAPPING AND MULTIPLEXING OF UPLINK CONTROL CHANNEL AND UPLINK DATA CHANNEL	PCT/US2018/017114	WO2018/145115	WO		8/9/2018
7615	REPORTING A NUMBER OF EFFECTIVE FREQUENCIES FOR RADIO RESOURCE MANNAGEMENT PURPOSES	PCT/US2018/017828	WO2018/148662	WO		8/16/2018
7616	PHYSICAL DOWNLINK CONTROL CHANNEL (PDCCH) DEMODULATION REFERENCE SIGNAL (DMRS) TRANSMISSION AND RECEPTION	PCT/US2018/018109	WO2018/152153	WO		8/23/2018
7617	SYSTEM INFORMATION DECODING IN WIRELESS NETWORKS	PCT/US2018/018317	WO2018/152297	WO		8/23/2018
7618	USER EQUIPMENT (UE) EVOLVED NODE-B (ENB) AND METHODS OF PAGING IN ACCORDANCE WITH A RELAY ARRANGEMENT	PCT/US2018/018375	WO2018/164821	WO		9/13/2018
7619	Feed-Forward Envelope Tracking	PCT/US2018/018912	WO2018/182880	WO		10/4/2018
7620	EXIT CONDITIONS FOR CONDITIONAL HANDOVERS AND BEAM BASED MOBILITY STATE ESTIMATION	PCT/US2018/019124	WO2018/156696	WO		8/30/2018
7621	Frequency domain based digital cancellation of modulated spur interference in LTE-CA transceivers	PCT/US2018/019489	WO2018/182889	WO		10/4/2018
7622	SYSTEMS METHODS AND APPARATUSES FOR MANAGING MULTIPLE ANCHORS FOR MULTI-HOMING	PCT/US2018/019658	WO2018/157030	WO		8/30/2018
7623	TRANSMISSION OF SYNCHRONIZATION SIGNALS	PCT/US2018/020719	WO2018/161001	WO		9/7/2018
7624	High Speed train in New Radio (NR)	PCT/US2018/020898	WO2018/161073	WO		9/7/2018
7625	Techniques for Improved Beam Management	PCT/US2018/020909	WO2018/165018	WO		9/13/2018

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
7626	EVOLVED NODE-B (ENB) USER EQUIPMENT (UE) AND METHODS OF SWITCHING BETWEEN DIRECT AND INDIRECT COMMUNICATION FOR A RELAY ARRANGEMENT	PCT/US2018/021134	WO2018/165150	WO		9/13/2018
7627	MONITORING CONTROL CHANNELS IN CONTROL RESOURCE SETS FOR NEW RADIO	PCT/US2018/021212	WO2018/165202	WO		9/13/2018
7628	DESIGN OF DOWNLINK CONTROL INFORMATION FOR WIDEBAND COVERAGE ENHANCEMENT	PCT/US2018/021420	WO2018/165347	WO		9/13/2018
7629	TECHNOLOGY COORDINATION FOR DEVICE-TO-DEVICE DISCOVERY	PCT/US2018/021745	WO2018/165548	WO		9/13/2018
7630	CHANNEL QUALITY INDICATOR TABLE DESIGN FOR WIDEBAND COVERAGE ENHANCEMENT IN MULTIFIRE SYSTEMS	PCT/US2018/021836	WO2018/169797	WO		9/20/2018
7631	EFFICIENT BEAM SEARCH METHODS FOR THREE DIMENSIONAL BEAMFORMING WITH NON-PRECODED REFERENCE SIGNALS	PCT/US2018/021912	WO2018/182954	WO		10/4/2018
7632	SYSTEMS METHODS AND APPARATUSES FOR CONFIGURING MEASUREMENT GAP PER FREQUENCY GROUP AND PER CELL	PCT/US2018/021926	WO2018/169829	WO		9/20/2018
7633	METHODS AND SYSTEMS FOR INSTANTIATING AND CONNECTING RADIO ACCESS NETWORK VIRTUALIZED NETWORK FUNCTION AND CORE NETWORK VIRTUALIZED NETWORK FUNCTION	PCT/US2018/022055	WO2018/169883	WO		9/20/2018
7634	INSTANTIATION OF A VIRTUAL NETWORK FUNCTION (VNF) AS PART OF A GNODEB (GNB)	PCT/US2018/022057	WO2018/169884	WO		9/20/2018
7635	DETERMINATION OF NEW RADIO (NR) PHYSICAL UPLINK CONTROL CHANNEL(PUCCH) RESOURCE FOR HYBRID AUTOMATIC REPEAT REQUEST ACKNOWLEDGEMENT (HARQ-ACK) FEEDBACK	PCT/US2018/022149	WO2018/169937	WO		9/20/2018
7636	SYSTEMS METHODS AND DEVICES FOR SELECTING CELLULAR TIMING CONFIGURATIONS	PCT/US2018/022409	WO2018/175176	WO		9/27/2018
7637	SUPPORTING SON FUNCTIONS ON NETWORK SLICE INSTANCES	PCT/US2018/022445	WO2018/170135	WO		9/20/2018
7638	DEVICES AND METHODS FOR DYNAMIC RACH	PCT/US2018/022705	WO2018/170300	WO		9/20/2018
7639	NARROWBAND INTERNET-OF-THINGS (NB-IOT) ENHANCEMENTS	PCT/US2018/022926	WO2018/175249	WO		9/27/2018
7640	ENHANCED CELL SEARCH AND SYSTEM INFORMATION ACQUISITION	PCT/US2018/023351	WO2018/175433	WO		9/27/2018
7641	DESIGN OF EARLY TERMINATION SIGNAL AND HARQ-ACK FEEDBACK FOR PUSCH	PCT/US2018/023368	WO2018/175446	WO		9/27/2018
7642	SYSTEMS METHODS AND DEVICES FOR MEASUREMENT CONFIGURATION BY A SECONDARY NODE IN EN-DC	PCT/US2018/023401	WO2018/175470	WO		9/27/2018

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
7643	PARTIAL UPLINK SUBFRAME TRANSMISSIONS ON UNLICENSED CARRIERS	PCT/US2018/023409	WO2018/175477	WO		9/27/2018
7644	SUB-PRB RESOURCE ALLOCATION FOR PUSCH IN EVEN FURTHER ENHANCED MTC	PCT/US2018/023467	WO2018/175521	WO		9/27/2018
7645	PRIORITIZED MESSAGING AND RESOURCE SELECTION IN VEHICLE-TO-VEHICLE (V2V) SIDELINK COMMUNICATION	PCT/US2018/023525	WO2018/175553	WO		9/27/2018
7646	RADIO LINK MONITORING BEAM RECOVERY AND RADIO LINK FAILURE HANDLING	PCT/US2018/023579	WO2018/175593	WO		9/27/2018
7647	Method for Interference Measurement in New Radio (NR) Communication Systems	PCT/US2018/023684	WO2018/175674	WO		9/27/2018
7648	NR (New Radio) PRACH (Physical Random Access Channel) Configuration and Multi-Beam Operation	PCT/US2018/023736	WO2018/175705	WO		9/27/2018
7649	Design of Cell Specific Reference Signal (CRS) Muting for Even Further Enhanced Machine Type Communication (EFEMTC)	PCT/US2018/023769	WO2018/175724	WO		9/27/2018
7650	DESIGN OF SCHEDULING REQUEST FOR FURTHER ENHANCED NARROWBAND INTERNET OF THINGS (feNB-IoT)	PCT/US2018/023829	WO2018/175764	WO		9/27/2018
7651	EXPIRATION HANDLING OF TWO-STAGE GRANT VALIDITY DURATION	PCT/US2018/023865	WO2018/175795	WO		9/27/2018
7652	NEW RADIO (NR) SHORT AND LONG DURATION PHYSICAL UPLINK CONTROL CHANNEL (PUCCH) DESIGN	PCT/US2018/023877	WO2018/175801	WO		9/27/2018
7653	TIMING DETERMINATION TECHNIQUES FOR 5G RADIO ACCESS NETWORK CELLS	PCT/US2018/023882	WO2018/175805	WO		9/27/2018
7654	TECHNIQUES TO ENABLE PHYSICAL DOWNLINK CONTROL CHANNEL COMMUNICATIONS	PCT/US2018/023883	WO2018/175806	WO		9/27/2018
7655	TRACKING REFERENCE SIGNALS FOR NEW RADIO	PCT/US2018/023890	WO2018/175813	WO		9/27/2018
7656	DEVICE AND METHOD TO ALLOW CROSS-TRANSMISSION TIME INTERVAL (TTI) SWITCHING AND HYBRID AUTOMATIC REPEAT REQUEST (HARQ) OPERATION IN A NEW RADIO NETWORK	PCT/US2018/023895	WO2018/175815	WO		9/27/2018
7657	ENHANCED CONDITIONAL HANDOVER	PCT/US2018/023900	WO2018/175819	WO		9/27/2018
7658	SCHEDULING AND HYBRID AUTOMATIC REPEAT REQUEST OPERATION AND CODEBOOK DESIGN FOR NEW RADIO CARRIER AGGREGATION	PCT/US2018/023901	WO2018/175820	WO		9/27/2018
7659	Beam Recovery Frame Structure and Recovery Request for Communication Systems	PCT/US2018/023967	WO2018/175852	WO		9/27/2018
7660	SUPPORT OF 64 QAM FOR EFEMTC PDSCH TRANSMISSION	PCT/US2018/024038	WO2018/175896	WO		9/27/2018

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
7661	DOWNLINK CONTROL INFORMATION TO SUPPORT UPLINK PARTIAL SUBFRAME TRANSMISSION ON LICENSED ASSISTED ACCESS SECONDARY CELL	PCT/US2018/024142	WO2018/175964	WO		9/27/2018
7662	CONTROL SIGNALING FOR DEMODULATION REFERENCE SIGNAL ANTENNA PORT INDICATION	PCT/US2018/024201	WO2018/176002	WO		9/27/2018
7663	TRANSMITTERS AND METHODS FOR OPERATING THE SAME	PCT/US2018/024455	WO2019/190469	WO		10/3/2019
7664	RF TRANSMIT ARCHITECTURE METHODS	PCT/US2018/024589	WO2018/183343	WO		10/4/2018
7665	MECHANISMS FOR HANDLING UPLINK GRANTS INDICATING DIFFERENT PHYSICAL UPLINK SHARED CHANNEL STARTING POSITIONS IN A SAME SUBFRAME	PCT/US2018/024748	WO2018/183436	WO		10/4/2018
7666	CONCEPT OF CAPACITOR SCALING	PCT/US2018/024983	WO2019/190512	WO		10/3/2019
7667	Crosstalk Cancellation for Digital Predistortion Feedback Loop	PCT/US2018/025009	WO2019/190515	WO		10/3/2019
7668	AUTONOMOUS HANDOVER FOR WIRELESS NETWORKS	PCT/US2018/025244	WO2018/183740	WO		10/4/2018
7669	LOW-NOISE AMPLIFIER SUPPORTING MULTICARRIER OPERATION	PCT/US2018/025314	WO2019/190543	WO		10/3/2019
7670	SELF-EVALUATING HIGH FREQUENCY BANDWIDTH AND DYNAMIC RANGE CELLULAR POLAR TRANSMIT SIGNAL FIDELITY	PCT/US2018/025525	WO2019/190563	WO		10/3/2019
7671	BEAM MANAGEMENT PROCEDURE TRIGGERING AND SIGNALING DELIVERY IN FALL-BACK MODE	PCT/US2018/025622	WO2018/183991	WO		10/4/2018
7672	SYSTEM AND METHOD FOR BEAM MANAGEMENT PROCEDURE CONFIGURATION	PCT/US2018/025629	WO2018/183995	WO		10/4/2018
7673	UE CAPABILITY INDICATION TO POSITIONING SERVER	PCT/US2018/025711	WO2018/187223	WO		10/11/2018
7674	COMMON SEARCH SPACE DESIGN IN ENHANCED PHYSICAL DOWNLINK CONTROL CHANNEL	PCT/US2018/025731	WO2018/184020	WO		10/4/2018
7675	MAXIMUM CHANNEL OCCUPANCY TIME SHARING AND CO-EXISTENCE	PCT/US2018/025745	WO2018/184022	WO		10/4/2018
7676	COMMON PHYSICAL DOWNLINK CONTROL CHANNEL (cPDCCH) DESIGN FOR MULTIFIRE WIDEBAND COVERAGE ENHANCEMENT (WCE) SYSTEMS	PCT/US2018/025750	WO2018/184024	WO		10/4/2018
7677	REG BUNDLING SIZE AND DM-RS PATTERN FOR PHYSICAL DOWNLINK CONTROL CHANNEL	PCT/US2018/025753	WO2018/187242	WO		10/11/2018
7678	BEAM-SPECIFIC POWER CONTROL	PCT/US2018/026213	WO2019/067014	WO		4/4/2019
7679	ANCHOR CHANNEL DESIGN FOR UNLICENSED INTERNET OF THINGS (IoT)	PCT/US2018/027368	WO2018/191538	WO		10/18/2018
7680	MULTIFIRE ARCHITECTURE FOR CELLULAR INTERNET-OF-THINGS (CIOT)	PCT/US2018/027513	WO2018/200218	WO		11/1/2018

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
7681	HYBRID AUTOMATIC REPEAT REQUEST (HARQ) FOR GRANT-LESS UPLINK (GUL) AND SCHEDULED UPLINK (SUL) IN LICENSED ASSISTED ACCESS (LAA) SYSTEMS	PCT/US2018/027532	WO2018/191644	WO		10/18/2018
7682	MULTEFIRE ARCHITECTURE SUPPORTING ACCESS CLASSES AND BARRING	PCT/US2018/027536	WO2018/236458	WO		12/27/2018
7683	NETWORK FUNCTION VIRTUALIZATION INFRASTRUCTURE PERFORMANCE	PCT/US2018/028911	WO2018/200397	WO		11/1/2018
7684	PHYSICAL DOWNLINK CONTROL CHANNELS (PDCCH) AND ENHANCED PDCCHS (EPDCCH) IN WIDEBAND COVERAGE ENHANCEMENT (WCE) ARRANGEMENTS	PCT/US2018/029071	WO2018/200472	WO		11/1/2018
7685	CENTRALIZED UNIT AND DISTRIBUTED UNIT CONNECTION IN A VIRTUALIZED RADIO ACCESS NETWORK	PCT/US2018/029200	WO2018/200570	WO		11/1/2018
7686	MANAGEMENT OF GNB IN NETWORK FUNCTIONS VIRTUALIZATION FRAMEWORK	PCT/US2018/029319	WO2018/200648	WO		11/1/2018
7687	ENHANCED NETWORK SLICE MANAGEMENT FOR WIRELESS COMMUNICATIONS	PCT/US2018/029452	WO2018/200733	WO		11/1/2018
7688	TRANSPORT BLOCK DECODING OPERATION FOR HYBRID TRANSMISSION TIME INTERVAL (TTI) LENGTHS IN WIRELESS COMMUNICATION SYSTEMS	PCT/US2018/029878	WO2018/201005	WO		11/1/2018
7689	GAP PATTERN DESIGN FOR NEW RADIO (NR) SYSTEMS	PCT/US2018/030482	WO2018/204383	WO		11/8/2018
7690	ACCESS CONTROL MECHANISM	PCT/US2018/030840	WO2018/204609	WO		11/8/2018
7691	New Radio (NR) Physical Uplink Structures and Schemes	PCT/US2018/030842	WO2018/204610	WO		11/8/2018
7692	MULTEFIRE DESIGN OF RANDOM ACCESS CHANNEL AND RANDOM ACCESS CHANNEL PROCEDURE FOR INTERNET OF THINGS DEVICE OPERATION IN UNLICENSED SPECTRUM	PCT/US2018/030872	WO2018/204629	WO		11/8/2018
7693	RS (Reference Signal) Sequence Generation and Mapping and Precoder Assignment for NR (New Radio)	PCT/US2018/030873	WO2018/204630	WO		11/8/2018
7694	ABSOLUTE POWER CONTROL TOLERANCE FOR NB-IOT/MTC	PCT/US2018/030930	WO2018/204678	WO		11/8/2018
7695	HANDLING COLLISION FOR MINI-SLOT-BASED AND SLOT-BASED TRANSMISSION	PCT/US2018/031001	WO2018/204730	WO		11/8/2018
7696	System and Method for Phase Noise Compensation	PCT/US2018/031045	WO2018/204756	WO		11/8/2018
7697	NEW RADIO CONTROL CHANNEL RESOURCE SET DESIGN	PCT/US2018/031120	WO2018/204806	WO		11/8/2018
7698	METHODS AND ARRANGEMENTS TO SIGNAL FOR AERIAL VEHICLES	PCT/US2018/031135	WO2018/204816	WO		11/8/2018

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
7699	QUASI CO-LOCATION (QCL) FOR ANTENNA PORTS IN NEW RADIO (NR)	PCT/US2018/031249	WO2018/204882	WO		11/8/2018
7700	BANDWIDTH PART CONFIGURATION AND OPERATION FOR NEW RADIO (NR) WIDEBAND USER EQUIPMENT (UE)	PCT/US2018/031251	WO2018/204884	WO		11/8/2018
7701	SUPPORT OF FLEXIBLE PDCCH MONITORING IN NEW RADIO (NR)	PCT/US2018/031253	WO2018/204886	WO		11/8/2018
7702	SIGNALING OF A CHANNEL STATE INFORMATION REFERENCE SIGNAL (CSI-RS) MAPPING CONFIGURATION FOR A NEW RADIO (NR) SYSTEM	PCT/US2018/031440	WO2018/204931	WO		11/8/2018
7703	MEASUREMENT CONFIGURATION TECHNIQUES FOR WIDEBAND COVERAGE ENHANCEMENT (WCE)-CAPABLE DEVICES	PCT/US2018/032171	WO2018/209157	WO		11/15/2018
7704	POLAR TRANSMITTER WITH JOINED MODULATOR	PCT/US2018/032301	WO2019/005305	WO		1/3/2019
7705	MEASUREMENT DESIGN FOR NEXT RADIO (NR) AND LONG TERM EVOLUTION (LTE)	PCT/US2018/032338	WO2018/209247	WO		11/15/2018
7706	DOWNLINK CONTROL INFORMATION (DCI) FORMAT FOR GRANT-LESS UPLINK TRANSMISSION (GUL)	PCT/US2018/032777	WO2018/213315	WO		11/22/2018
7707	PER UE NETWORK CONTROLLED SMALL GAP (NCSG) SIGNALLING	PCT/US2018/032898	WO2018/213396	WO		11/22/2018
7708	GRANTLESS UPLINK (GUL) CONFIGURATION	PCT/US2018/033538	WO2018/213802	WO		11/22/2018
7709	EMTC-U MEASUREMENT	PCT/US2018/034171	WO2018/226411	WO		12/13/2018
7710	SYSTEMS METHODS AND DEVICES FOR SELECTING A PUBLIC LAND MOBILE NETWORK USING COVERAGE ENHANCEMENT INDICATORS	PCT/US2018/034644	WO2018/218145	WO		11/29/2018
7711	CHANNEL DESIGN FOR ENHANCED MACHINE TYPE COMMUNICATION IN AN UNLICENSED SPECTRUM (eMTC-U) SYSTEM	PCT/US2018/035213	WO2018/231528	WO		12/20/2018
7712	BEAMFORMED MEASUREMENT FOR NEW RADIO (NR)	PCT/US2018/035484	WO2018/222931	WO		12/6/2018
7713	POWER RAMPING AND CONTROL IN NEW RADIO (NR) DEVICES	PCT/US2018/035656	WO2018/231553	WO		12/20/2018
7714	Performance Measurements Related to Virtualized Resources	PCT/US2018/036397	WO2018/226920	WO		12/13/2018
7715	CONCURRENT TRANSMISSION OF ACKNOWLEDGMENT AND SCHEDULING REQUEST INFORMATION ON A CONTROL CHANNEL	PCT/US2018/036957	WO2018/227208	WO		12/13/2018
7716	SYSTEM AND METHOD FOR PHASE TRACKING REFERENCE SIGNAL (PT-RS) MULTIPLEXING	PCT/US2018/036959	WO2018/227209	WO		12/13/2018
7717	SYSTEMS METHODS AND DEVICES FOR LEGACY SYSTEM FALLBACK IN A CELLULAR COMMUNICATIONS SYSTEM	PCT/US2018/037084	WO2018/231813	WO		12/20/2018
7718	DEVICES AND METHODS FOR UE-SPECIFIC RAN-CN ASSOCIATIONS	PCT/US2018/037108	WO2018/236624	WO		12/27/2018

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
7719	SOUNDING REFERENCE SIGNAL SEQUENCE DESIGN	PCT/US2018/037155	WO2018/231867	WO		12/20/2018
7720	Paging and Essential System Information Block (SIB) Transmission in the Unlicensed Internet of Things (U-IOT) System	PCT/US2018/037235	WO2018/231918	WO		12/20/2018
7721	ENHANCEMENT ON SCHEDULING AND HARQ-ACK FEEDBACK FOR URLLC MULTIPLEXING SCHEME FOR CONTROL/DATA CHANNEL AND DM-RS FOR NR AND ACTIVATION MECHANISM SCHEDULING ASPECTS AND SYNCHRONIZATION SIGNAL (SS) BLOCKS FOR NEW RADIO (NR) SYSTEM WITH MULTIPLE BANDWIDTH PARTS (BWPS)	PCT/US2018/037316	WO2018/231971	WO		12/20/2018
7722	CHANNEL STATE INFORMATION CONCATENATION AND ANTENNA PORT MEASUREMENT	PCT/US2018/037351	WO2018/231997	WO		12/20/2018
7723	APPARATUS OF GNB TO ENABLE AN INACTIVE MODE IN DUAL CONNECTIVITY	PCT/US2018/037551	WO2018/232124	WO		12/20/2018
7724	RESOURCE ELEMENT (RE) MAPPING IN NEW RADIO (NR)	PCT/US2018/037709	WO2018/232211	WO		12/20/2018
7725	PHYSICAL RESOURCE BLOCK INDEXING FOR COEXISTENCE OF NARROW BAND CARRIER AGGREGATION AND WIDE BAND USER EQUIPMENT IN NEW RADIO	PCT/US2018/037734	WO2018/232228	WO		12/20/2018
7726	NEW RADIO (NR) FREQUENCY-DOMAIN RESOURCE ALLOCATION TECHNIQUES	PCT/US2018/037820	WO2018/232284	WO		12/20/2018
7727	CONFIGURABILITY AND SIGNALING FOR HALF-TONE SHIFT	PCT/US2018/037936	WO2018/232367	WO		12/20/2018
7728	RESOURCE USAGE OPTIMIZATIONS IN AUTOMATION SYSTEMS	PCT/US2018/038332	WO2019/099063	WO		5/23/2019
7729	DEVICES AND METHODS FOR FLOW-CONTROL TRIGGERING AND FEEDBACK	PCT/US2018/038501	WO2018/237001	WO		12/27/2018
7730	COLLISION HANDLING OF SYNCHRONIZATION SIGNAL (SS) BLOCKS	PCT/US2018/038543	WO2018/237032	WO		12/27/2018
7731	COLLISION HANDLING OF REFERENCE SIGNALS	PCT/US2018/038545	WO2019/005560	WO		1/3/2019
7732	Access Control for User Equipment with Coverage Enhancement Level Support	PCT/US2018/039042	WO2018/237289	WO		12/27/2018
7733	UPLINK CONTROL INFORMATION (UCI) TRANSMISSION AND HYBRID AUTOMATIC REPEAT REQUEST (HARQ) PROCESS IDENTIFICATION FOR GRANT-FREE PHYSICAL UPLINK SHARED CHANNEL (PUSCH)	PCT/US2018/039692	WO2019/005920	WO		1/3/2019
7734	DYNAMIC LOW IF MECHANISM FOR BLOCKER AVOIDANCE	PCT/US2018/039711		WO		
7735	IMPROVED HANDLING OF TIMER EXPIRY FOR MT CSFB	PCT/US2018/039800	WO2019/005996	WO		1/3/2019

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
7736	CONTROL CHANNEL DESIGN FOR WIDEBAND COVERAGE ENHANCEMENT (WCE) SYSTEM INFORMATION BLOCK (SIB) TRANSMISSION	PCT/US2018/040110	WO2019/006180	WO		1/3/2019
7737	RELEASE OF EMERGENCY PDN BEARER FOR A VOLTE EMERGENCY CALL WITHOUT EMERGENCY REGISTRATION	PCT/US2018/041119	WO2019/078934	WO		4/25/2019
7738	CONFIGURATION OF GRANT-LESS UPLINK TRANSMISSIONS FOR A USER EQUIPMENT	PCT/US2018/041900	WO2019/014498	WO		1/17/2019
7739	TIMING ADVANCE FOR GRANTLESS UPLINK TRANSMISSION	PCT/US2018/042170	WO2019/014642	WO		1/17/2019
7740	CONFIGURE MEASUREMENT GAPS FOR CSI-RS FROM NEIGHBOR CELLS IN NR	PCT/US2018/042479	WO2019/036138	WO		2/21/2019
7741	MULTIRADIO INTERFACE FOR SOFTWARE RECONFIGURATION	PCT/US2018/042520	WO2019/018418	WO		1/24/2019
7742	DATA FORWARDING TUNNEL ESTABLISHMENT BETWEEN TWO USER PLANE FUNCTIONS IN FIFTH GENERATION	PCT/US2018/043551	WO2019/027742	WO		2/7/2019
7743	DEMODULATION REFERENCE SIGNAL FOR PHYSICAL BROADCAST CHANNEL IN NEW RADIO	PCT/US2018/043823	WO2019/023419	WO		1/31/2019
7744	SCRAMBLING OF PHYSICAL BROADCAST CHANNEL (PBCH)	PCT/US2018/043831	WO2019/023423	WO		1/31/2019
7745	Techniques Related to Interface Between Next Generation NODEB Central Unit and Next Generation NODEB Distributed Unit	PCT/US2018/044063	WO2019/027827	WO		2/7/2019
7746	SEQUENCE DESIGN AND RESOURCE ALLOCATION FOR NR PUCCH	PCT/US2018/044563	WO2019/027995	WO		2/7/2019
7747	TIME ADVANCE ADJUSTMENT DELAY FOR SHORTENED TRANSMISSION TIME INTERVAL UNDER CARRIER AGGREGATION OR DUAL CONNECTIVITY	PCT/US2018/044753	WO2019/032343	WO		2/14/2019
7748	NEW QUALITY BASED MEASUREMENT DEFINITION FOR NEW RADIO SYSTEMS	PCT/US2018/045544	WO2019/032539	WO		2/14/2019
7749	UNLICENSED NARROWBAND INTERNET OF THINGS CONTROL CHANNEL COMMUNICATION	PCT/US2018/045728	WO2019/032653	WO		2/14/2019
7750	PRACH (Physical Random Access Channel) Ramping and Dynamic Beam Switching of Control and Data Transmissions	PCT/US2018/045800	WO2019/032696	WO		2/14/2019
7751	SYSTEM AND METHOD FOR MULTIPLEXING OF TRACKING REFERENCE SIGNAL AND SYNCHRONIZATION SIGNAL BLOCK	PCT/US2018/045862	WO2019/032737	WO		2/14/2019
7752	TECHNIQUES TO PERFORM A RANDOM-ACCESS CHANNEL PROCEDURE FOR HANDOVERS IN A WIRELESS COMMUNICATION ENVIRONMENT	PCT/US2018/045880	WO2019/032754	WO		2/14/2019

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
7753	MOBILE COMMUNICATION SYSTEM MOBILE DEVICE USER EQUIPMENT NETWORK NODE NODEB CIRCUITS APPARATUSES METHODS MACHINE READABLE MEDIA AND COMPUTER PROGRAMS FOR MOBILE DEVICES USER EQUIPMENT NETWORK NODES AND NODEBS	PCT/US2018/045925	WO2019/032779	WO		2/14/2019
7754	RESOURCE MAPPING SCHEMES FOR CHANNEL STATE INFORMATION REPORTING ON NEW RADIO PHYSICAL UPLINK CONTROL CHANNEL	PCT/US2018/045962	WO2019/032802	WO		2/14/2019
7755	DETERMINING AND COMMUNICATING CONTROL INFORMATION IN WIRELESS TELECOMMUNICATION NETWORKS	PCT/US2018/045999	WO2019/032821	WO		2/14/2019
7756	UPLINK TRANSMISSION IN TDD SUPPORTING feNB-IOT OPERATION	PCT/US2018/046018	WO2019/032833	WO		2/14/2019
7757	PREEMPTION INDICATIONS FOR NEW RADIO	PCT/US2018/046038	WO2019/032844	WO		2/14/2019
7758	CONTROL SIGNALING FOR SOUNDING REFERENCE SIGNAL (SRB)	PCT/US2018/046053	WO2019/032855	WO		2/14/2019
7759	DOWNLINK TRANSMISSION IN TDD SUPPORTING feNB-IoTs	PCT/US2018/046241	WO2019/032978	WO		2/14/2019
7760	FRAME STRUCTURE FOR UNLICENSED NARROWBAND INTERNET-OF-THINGS SYSTEM	PCT/US2018/046250	WO2019/032983	WO		2/14/2019
7761	CRITICAL DATA HANDLING FOR VIDEO AND OTHER APPLICATIONS	PCT/US2018/046340	WO2019/033049	WO		2/14/2019
7762	METHODS AND ARRANGEMENTS FOR MEASUREMENT GAP CONFIGURATION	PCT/US2018/046351	WO2019/033058	WO		2/14/2019
7763	Wake Up Signaling in Wireless Telecommunication Networks	PCT/US2018/046535	WO2019/033112	WO		2/14/2019
7764	MANAGING LINK QUALITY AND USING PARTIAL SUBFRAMES IN WIRELESS TELECOMMUNICATION NETWORKS	PCT/US2018/046549	WO2019/033118	WO		2/14/2019
7765	Apparatuses Methods and Computer Programs for a Base Station Transceiver a User Equipment and an Entity of a Mobile Communication System	PCT/US2018/046593	WO2019/046005	WO		3/7/2019
7766	NEW RADIO (NR) UNLICENSED PHYSICAL UPLINK CONTROL CHANNEL WITH INTERLACED STRUCTURE	PCT/US2018/046914	WO2019/036622	WO		2/21/2019
7767	RESOURCE ALLOCATION FOR SYSTEM INFORMATION BLOCK (SIB) TRANSMISSION IN A MULTIFIRE SYSTEM	PCT/US2018/048180	WO2019/050706	WO		3/14/2019
7768	COMMUNICATION DEVICE AND METHOD FOR RADIO FREQUENCY COMMUNICATION	PCT/US2018/048209	WO2019/067135	WO		4/4/2019
7769	PHASE TRACKING REFERENCE SIGNAL (PT-RS) CONFIGURATION	PCT/US2018/049745	WO2019/051085	WO		3/14/2019
7770	PHYSICAL RANDOM ACCESS CHANNEL (PRACH) FORMAT CONFIGURATION	PCT/US2018/050200	WO2019/051373	WO		3/14/2019
7771	GNSS DEVICE WITH IMPROVED CROSS- CORRELATION IMMUNITY	PCT/US2018/054818	WO2019/103795	WO		5/31/2019

SCHEDULE A

No.	TITLE	Filing Number	Publication Number	Jurisdiction	Filing Date	Publication Date
7772	COMMUNICATION DEVICE AND METHOD FOR DETERMINING A FREQUENCY OFFSET	PCT/US2018/061161	WO2019/133151	WO		7/4/2019
7773	METHODS AND DEVICES FOR RADIO RESOURCE ALLOCATION	PCT/US2019/019472	WO2019/190672	WO		10/3/2019
7774	SIGNAL IMBALANCE DETECTION SYSTEMS AND METHODS	PCT/US2019/044423		WO		
7775	COMMUNICATION DEVICE AND METHOD FOR PROCESSING A RECEIVED SIGNAL	PCT/US2019/047122		WO		
7776	Downlink Control Channel Design in New Radio Systems	PCT/US2019/047851		WO		
7777	CSI-RS SEQUENCE GENERATION AND MAPPING AND DMRS SCRAMBLING ID CONFIGURATION			WO		
7778	SLICING ARCHITECTURE FOR WIRELESS COMMUNICATION			WO		