PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT8156216

SUBMISSION TYPE:	RESUBMISSION
NATURE OF CONVEYANCE:	ASSIGNMENT
RESUBMIT DOCUMENT ID:	508071720

CONVEYING PARTY DATA

Name	Execution Date
MEDIATEK INC.	11/11/2022

RECEIVING PARTY DATA

Name:	MAYSIDE LICENSING LLC
Street Address:	3001 S HARDIN BLVD, SUITE 110
Internal Address:	PMB 1065
City:	MCKINNEY
State/Country:	TEXAS
Postal Code:	75070

PROPERTY NUMBERS Total: 62

Property Type	Number
Application Number:	10906741
Application Number:	10907619
Application Number:	12256481
Application Number:	10907185
Application Number:	12155532
Application Number:	12149155
Application Number:	12068618
Application Number:	12258396
Application Number:	12761011
Application Number:	12977142
Application Number:	12780668
Application Number:	12957691
Application Number:	12603226
Application Number:	13080767
Application Number:	13845198
Application Number:	13479383
Application Number:	13897538
Application Number:	14719404

PATENT REEL: 064840 FRAME: 0811

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Property Type	Number
Application Number:	14096132
Application Number:	10538784
Application Number:	10745606
Application Number:	11028117
Application Number:	10971241
Application Number:	11160927
Application Number:	12686390
Application Number:	11241743
Application Number:	12820403
Application Number:	11307073
Application Number:	11354440
Application Number:	11952458
Application Number:	12143854
Application Number:	13607786
Application Number:	12317569
Application Number:	12419408
Application Number:	13913656
Application Number:	14342000
Application Number:	12485230
Application Number:	12627246
Application Number:	15013043
Application Number:	15725506
Application Number:	12873555
Application Number:	12779063
Application Number:	12940337
Application Number:	12944138
Application Number:	12962623
Application Number:	12966411
Application Number:	13211072
Application Number:	14343388
Application Number:	15391854
Application Number:	13588496
Application Number:	14396739
Application Number:	14636441
Application Number:	14623090
Application Number:	14529463
Application Number:	14604797
Application Number:	14552465

Property Type	Number
Application Number:	14711606
Application Number:	14580224
Application Number:	15486641
Application Number:	15578184
Application Number:	15505972
Application Number:	15647630

CORRESPONDENCE DATA

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Correspondent Name: MAYSIDE LICENSING LLC

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Address Line 4: MCKINNEY, TEXAS 75070

NAME OF SUBMITTER:	DINA GAMEZ
SIGNATURE:	/Dina Gamez/
DATE SIGNED:	09/08/2023

Total Attachments: 21

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EXHIBIT A-2

PATENT ASSIGNMENT

This PATENT ASSIGNMENT ("**Patent Assignment**"), effective as of date signed below, is made by MediaTek Inc. ("**Assignor**"), a company organized under the laws of the Republic of China, in favor of Mayside Licensing LLC ("**Assignee**"), a Texas Limited Liability Company.

WHEREAS, Assignor, for valuable consideration, conveys, transfers, and assigns to Assignee, among other assets, certain intellectual property of Assignor, and has agreed to execute and deliver this Patent Assignment, for recording with the United States Patent and Trademark Office;

NOW THEREFORE, Assignor agrees as follows:

- 1. <u>Assignment</u>. For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby irrevocably conveys, transfers, and assigns to Assignee, all of Assignor's right, title, and interest in and to the following (the "Assigned Patents"):
 - (a) the patents and patent applications set forth in Schedule 1 hereto; (I) any additional patents or applications to which (a) claims priority, as well as any additional patents and patent applications claiming priority to (a), including but not limited to patents or patent applications issued, granted, or pending via any divisionals, continuations, continuations-in-part, reissues and reexaminations of (a); (II) any patents or patent applications that are terminally disclaimed to any of the foregoing in (a) through (I) or to which any of the foregoing in (a) through (I) are terminally disclaimed; and (III) any foreign counterparts of (a) through (II). The foregoing reference to priority and relatedness shall be applied as indicated by the Innography Simple Family ID. (the "Patents");
 - (b) all rights of any kind whatsoever of Assignor accruing under any of the foregoing provided by applicable law of any jurisdiction, by international treaties and conventions, and otherwise throughout the world;
 - (c) any and all royalties, fees, income, payments, and other proceeds now or hereafter due or payable with respect to any and all of the foregoing; and
 - (d) any and all claims and causes of action with respect to any of the foregoing, whether accruing before, on, or after the date hereof, including all rights to and claims for damages, restitution, and injunctive and other legal and equitable relief for past, present, and future infringement, misappropriation, violation, misuse, breach, or default, with the right but no obligation to sue for such legal and equitable relief and to collect, or otherwise recover, any such damages.
- 2. Recordation and Further Actions. Assignor hereby authorizes the Commissioner for Patents in the United States Patent and Trademark Office to record and register this Patent Assignment upon request by Assignee. Following the effective date hereof, Assignor shall take such steps and actions, and provide such cooperation and assistance to Assignee and its successors, assigns, and legal representatives, including the execution and delivery of any affidavits, declarations, oaths, exhibits, assignments, powers

of attorney, or other documents, as may be necessary to effect, evidence, or perfect the assignment of the Assigned Patents to Assignee, or any assignee or successor thereto.

- 3. <u>Counterparts</u>. This Patent Assignment may be executed in counterparts, each of which shall be deemed an original, but all of which together shall be deemed one and the same agreement. A signed copy of this Patent Assignment delivered by facsimile, e-mail, or other means of electronic transmission shall be deemed to have the same legal effect as delivery of an original signed copy of this Patent Assignment.
- 4. <u>Successors and Assigns</u>. This Patent Assignment shall be binding upon and shall inure to the benefit of the parties hereto and their respective successors and assigns.
- 5. Governing Law. This Patent Assignment and any claim, controversy, dispute, or cause of action (whether in contract, tort, or otherwise) based upon, arising out of, or relating to this Patent Assignment and the transactions contemplated hereby shall be governed by, and construed in accordance with, the laws of the United States and the State of Texas, without giving effect to any choice or conflict of law provision or rule (whether of the State of Texas or any other jurisdiction).

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By:	AND THE PARTY OF T
Name!	David Su
Title:	Corporate Vice President and General Counse
Date:	2022/11/11
ASSIG	NEE: Mayside Licensing LLC
By:	Riwa Mamer/
Name:	Dina Gamez
Title:	Managing Member
Date:	November 3, 2022



SCHEDULE 1

ASSIGNED PATENTS AND PATENT APPLICATIONS

Simple Family ID	Application Number	Publication Number	Title	File Date
35035962	CN200510052636A	CN100353415	Display controller and associated method	3/7/05
35035962	TW94106267A	TWI283395	Display controller and associated method	3/2/05
35035962	US10/906741	US7274371	Display controller and associated method	3/3/05
35067709	CN200510064115A	CN100417187	Method of processing fields of images and related device for data lines similarity detection	4/11/05
35067709	TW94111179A	TWI286026	Method of processing fields of images and related device for data lines similarity detection	4/8/05
35067709	US10/907619	US20050225671	Method of processing fields of images and related device for data lines similarity detection	4/8/05
35067709	US12/256481	US7961253	Method of processing fields of images and related device for data lines similarity detection	10/23/08
35050323	CN200510062663A	CN100382591	Method for buffering audio in a multimedia receiver and related device	3/31/05
35050323	TW94110260A	TWI298233	Audio buffering system and method of buffering audio in a multimedia receiver	3/31/05
35050323	US10/907185	US7865255	Audio buffering system and method of buffering audio in a multimedia receiver	3/23/05
40198107	CN200710109584A	CN101335823	Method for correcting image	6/27/07
40131939	TW96121438A	TWI369903	Image correction method	6/13/07

40131939	US12/155532	US8289456	Image correction method	6/5/08
40100899	CN200710104079A	CN101312490	Pixel interpolation devices and methods therefor	5/22/07
39969602	TW96116190A	TWI344790	Pixel interpolation apparatus and method thereof	5/7/07
39969602	US12/149155	US8175416	Pixel interpolation apparatus and method thereof	4/28/08
39774219	CN200710146922A	CN101271673	Acceleration driving device and method	8/23/07
39774219	TW96128248A	TWI389087	Overdriving apparatus and overdriving method	8/1/07
39774219	US12/068618	US8736529	Method and apparatus for generating an overdrive signal for a liquid crystal display	2/8/08
40583455	CN200810171632A	CN101420273	Co-existing multi-radio system and method of establishing the same	10/22/08
40583455	TW97140220A	TWI384791	Co-existing multi-radio system and method of establishing the same	10/20/08
40583455	US12/258396	US8655369	Cognitive radio system using care-of-address for packet routing in a mobile ip network	10/25/08
43264619	CN200910107809A	CN101909334	Wireless communication method and system thereof for updating reference channel information	6/2/09
43124898	TW98116922A	TWI400980	Wireless communication method for updating reference channel information and system thereof	5/21/09
43124898	US12/761011	US8260305	Wireless communication method for updating reference channel information and system thereof	4/15/10
44217194	CN200910266845A	CN102118625	Image processing device with screen display	12/30/09

			function and image processing method	
44186944	TW98144980A	TWI404405	Image processing apparatus having on- screen display function and method thereof	12/25/09
44186944	US12/977142	US8878837	Image processing apparatus having on- screen display function and method thereof	12/23/10
43068123	CN200910258556A	CN101887334	Capacitive touch sensing structure and sensing method thereof	12/10/09
43068123	TW98140542A	TWI543048	A sensor structure of a capacitive touch panel and the sensing method thereof	11/27/09
43068123	US12/780668	US8686956	Capacitive touch sensing structure and sensing method thereof	5/14/10
44157247	CN200910225468A	CN102104777	Block border method for detecting and block border detector	12/16/09
44068959	TW98141047A	TWI391878	Block-edge detection method and block-edge detection device	12/1/09
44068959	US12/957691	US8447117	Block-edge detecting method and associated device	12/1/10
43517612	CN200910160532A	CN101964907	Block removing device and method	7/22/09
43465282	TW98124450A	TWI400955	Deblocking apparatus and method	7/20/09
43465282	US12/603226	US8259818	Deblocking apparatus and associated method	10/21/09
45010448	CN201010192732A	CN102264026	Message processes device and message processing method	5/25/10
45022154	TW99116723A	TWI540912	Audio processing apparatus and audio processing method	5/25/10
45022154	US13/080767	US9706297	Audio processing apparatus and related method	4/6/11
49650160	CN201210156193A	CN103425306	Be applied to the control system of touch screen	5/18/12

49157145	TW101109372A	TWI461979	Control system for touch screen	3/19/12
49157145	US13/845198	US9046953	Control system for touch screen	3/18/13
47304089	CN201110168411A	CN102819994	Display control device and method capable of reducing image zooming time	6/10/11
47218949	TW100118243A	TWI443643	A display control device and method thereof for reducing the amount of image zooming	5/25/11
47218949	US13/479383	US9418631	Display control apparatus and method and image processing method	5/24/12
49798871	CN201210188538A	CN103474049	Image processing apparatus and image processing method	6/8/12
49621252	TW101118385A	TWI520598	Image processing apparatus and image processing method	5/23/12
49621252	US13/897538	US9373154	Image processing apparatus having reduced line buffer size and associated method	5/20/13
51505485	CN201410228818A	CN104053226	A kind of dispatching method and device	5/27/14
51505485	TW103141968A	TWI569657	Scheduling method and device	12/3/14
51505485	US14/719404	US9642158	Scheduling method and device	5/22/15
51041760	CN201310003166A	CN103916352	Carrier frequency shift compensation device and method	1/6/13
50975164	TW101150171A	TWI487334	Carrier frequency offset compensation device and method	12/26/12
50975164	US14/096132	US9042489	Carrier frequency offset compensation apparatus and associated method	12/4/13
9949448	CN200380105148A	CN100492928	Sample frequency correction in signal processing	12/5/03

9949448	EP03780343A	EP1570581	Sample rate adaption in signal processing in multiband receivers	12/5/03
9949448	DE60324589T	DE60324589	Abstastraten adaptation in the signal processing in multi-band accumulators	12/5/03
9949448	EP03780343A	EP1570581	Sample rate adaption in signal processing in multiband receivers	12/5/03
9949448	EP03780343A	EP1570581	Sample rate adaption in signal processing in multiband receivers	12/5/03
9949448	EP03780343A	EP1570581	Sample rate adaption in signal processing in multiband receivers	12/5/03
9949448	EP03780343A	EP1570581	Sample rate adaption in signal processing in multiband receivers	12/5/03
1125682726	IN995KON2005A	IN219912	An apparatus and method for sample rate adaption in signal processing	5/27/05
9949448	KR20057010396A	KR100839583	Sample rate adaption in signal processing	6/9/05
9949448	US10/538784	US7920648	Sample rate adaption in signal processing	6/10/05
32710196	TW92101160A	TWI220753	Method for determining quantization parameters	1/20/03
32710196	US10/745606	US7409350	Audio processing method for generating audio stream	12/29/03
36640373	CN200510135945A	CN100481958	System and method for performing signal synchronization of data streams	12/29/05
36640373	TW94146970A	TWI287378	System and method for performing signal synchronization of data streams	12/28/05
36640373	US11/028117	US7339958	System and method for performing signal synchronization of data streams	1/3/05

36205827	CN200510105383A	CN100508623	Color image processing methods and systems for adjusting color	9/23/05
36205827	TW94130402A	TWI281828	Methods and systems for color image processing	9/5/05
36205827	US10/971241	US7327404	Methods and systems for color image processing	10/22/04
37609900	CN200510105633A	CN100461664	Error-correcting apparatus including multiple error- correcting modules functioning in parallel and related method	9/28/05
37609900	TW94133352A	TWI273387	Error-correcting apparatus including multiple error- correcting modules functioning in parallel and related method	9/26/05
37609900	US11/160927	US7673222	Error-correcting apparatus including multiple error- correcting modules functioning in parallel and related method	7/15/05
37609900	US12/686390	US8209583	Error-correcting apparatus including multiple error- correcting modules functioning in parallel and related method	1/13/10
37901849	CN200610159916A	CN1960365	Low power module and user workstation	9/27/06
37901849	TW95132347A	TWI347112	Low power module for user station	9/1/06
37901849	US11/241743	US20070076683	Low power module for a station of a wireless communication system and related method	9/30/05
37901849	US12/820403	US8724531	Low power module for a station of a wireless communication system and related method	6/22/10

37817480	CN200610108977A	CN100552647	Processing modules with multilevel cache architecture	7/31/06
37817480	TW95124143A	TWI324755	Processing modules with multilevel cache architecture	7/3/06
37817480	US11/307073	US7596661	Processing modules with multilevel cache architecture	1/23/06
38368433	CN200710079157A	CN101022444	Method and apparatus for channel state information generation in a dvd-t receiver	2/14/07
38368433	TW96101012A	TWI323113	Method and apparatus for channel state information generation in a dvb-t receiver	1/10/07
38368433	US11/354440	US7564912	Method and apparatus for channel state information generation in a dvb-t receiver	2/15/06
40680142	CN200810110442A	CN101453648	Systems and methods for randomly accessing compressed images	6/3/08
40680142	DE102008012023A	DE10200801202	Systems and methods for randomly accessing compressed images	2/29/08
1125692602	IN471MU2008A	IN259819	Systems and methods for randomly accessing compressed images	3/7/08
40680142	TW97119488A	TWI382361	Methods and systems for source image encoding and methods and systems for decoding compressed images	5/27/08
40680142	US11/952458	US8107754	Systems and methods for randomly accessing compressed images	12/7/07
41431261	CN200880130028A	CN102067583	Joint system for frame rate conversion and video compression	10/7/08
41431261	EP08874758A	EP2304931	Joint system for frame rate conversion and video compression	10/7/08

41431261	EP08874758A	EP2304931	Joint system for frame rate conversion and video compression	10/7/08
41431261	EP08874758A	EP2304931	Joint system for frame rate conversion and video compression	10/7/08
41431261	EP08874758A	EP2304931	Joint system for frame rate conversion and video compression	10/7/08
41431261	TW97144884A	TWI519171	Video processing apparatus and method	11/20/08
41431261	US12/143854	US8284839	Joint system for frame rate conversion and video compression	6/23/08
47361843	US13/607786	US8494058	Video/image processing apparatus with motion estimation sharing, and related method and machine readable medium	9/9/12
40588014	CN200910158088A	CN101640891	Method for achieving frequency reuse in wireless communications systems	7/20/09
40588014	TW98124379A	TWI387368	A method for sharing a communications channel and a wireless communications systems	7/20/09
40588014	US12/317569	US9036563	Method for achieving frequency reuse in wireless communications systems	12/27/08
42826227	CN200910224021A	CN101860679	Digital camera and image capturing method	11/30/09
42826227	TW98140074A	TWI399084	Digital camera and image capturing method	11/25/09
42826227	US12/419408	US8482626	Digital camera and image capturing method	4/7/09
42826227	US13/913656	US8823826	Digital camera and image capturing method	6/10/13

42826227	US14/342000	US8994847	Digital camera and image capturing method	7/28/14
43306836	CN200980101043A	CN102017440	Communication apparatuses and method for handling the transmission process	8/21/09
43306836	EP09846004A	EP2443759	Methods for handling a transmitting process and communication apparatuses utilizing the same	8/21/09
43306836	EP09846004A	EP2443759	Methods for handling a transmitting process and communication apparatuses utilizing the same	8/21/09
43306836	EP09846004A	EP2443759	Methods for handling a transmitting process and communication apparatuses utilizing the same	8/21/09
43306836	EP09846004A	EP2443759	Methods for handling a transmitting process and communication apparatuses utilizing the same	8/21/09
1137809047	IN90MUN2012A	IN293733	Methods for handling a transmitting process and communication apparatuses utilizing the same	8/21/09
43306836	TW98129225A	TWI395499	Communication apparatuses and methods for handling a transmitting process	8/31/09
43306836	US12/485230	US8265575	Methods for handling a transmitting process and communication apparatuses utilizing the same	6/16/09
43972454	CN201010500934A	CN102083110	Methods for monitoring paging messages and communications apparatuses	10/9/10
44063533	DE102010004669A	DE10201000466 9	A system for feeding notes of value to the	1/14/10

			security transport unit by means of a docking station	
1118947392	IN285MU2010A	IN2010MU0028 5	Methods for monitoring paging messages with reduced power consumption and communications appartuese utilizing the same	2/3/10
43972454	TW99133832A	TWI411319	Methods for monitoring paging messages and communications apparatuses	10/5/10
43972454	US12/627246	US9264914	Methods for monitoring paging messages with reduced power consumption and communications apparatuses utilizing the same	11/30/09
56080074	US15/013043	US9794759	Methods for monitoring paging messages with reduced power consumption and communications apparatuses utilizing the same	2/2/16
61010486	US15/725506	US10362540	Methods for monitoring paging messages with reduced power consumption and communications apparatuses utilizing the same	10/5/17
44356937	CN201110040447A	CN102170682	Support communicator and the dispatching method thereof of multiple radio access technique	2/18/11
44356937	DE102010061020A	DE10201006102 0	Method for sequencing channel activities for a plurality of radio access methods in a communication device and communication devices using same	12/3/10

1138204397	IN3171MU2010A	IN295172	Communications apparatuses and methods for scheduling channel activities for multiple radio access technologies	11/22/10
44356937	TW100105037A	TW201132092	Communications apparatus with multiple radio access technologies (rats) and method for scheduling channel activities thereof	2/16/11
44356937	US12/873555	US8514798	Methods for scheduling channel activities for multiple radio access technologies in a communications apparatus and communications apparatuses utilizing the same	9/1/10
44911390	CN201110049641A	CN102243755	Graphics processing method and graphics processing apparatus	3/2/11
44911390	TW99141892A	TWI452538	Graphics processing method and graphics processing apparatus	12/2/10
44911390	US12/779063	US8823719	Graphics processing method applied to a plurality of buffers and graphics processing apparatus thereof	5/13/10
44318664	CN201180004544A	CN102612847	The method of wireless communication system and multiple coexistence between plurality of wireless communication modules	1/12/11
44318664	CN201610328045A	CN105846850	The method of wireless communication system and multiple coexistence between plurality of wireless communication modules	1/12/11

44318664	EP11736606A	EP2460376	Systems and methods for coexistence of a plurality of wireless communication modules	1/12/11
44318664	EP11736606A	EP2460376	Systems and methods for coexistence of a plurality of wireless communication modules	1/12/11
44318664	EP11736606A	EP2460376	Systems and methods for coexistence of a plurality of wireless communication modules	1/12/11
44318664	EP11736606A	EP2460376	Systems and methods for coexistence of a plurality of wireless communication modules	1/12/11
44318664	JP2012550309A	JP5467158	Coexistence method of a wireless communication system and a plurality of wireless communication modules	1/12/11
44318664	TW100100175A	TWI462625	Wireless communications system and method for coexistence of a plurality of wireless communications modules	1/4/11
44318664	US12/940337	US9236896	Systems and methods for coexistence of a plurality of wireless communications modules	11/5/10
46047736	CN201110314214A	CN102469576	Resynchronization method for recovering from sleep mode and apparatuses using the same	10/17/11
46047736	TW100131654A	TWI441544	Wireless communications devices and	9/2/11

1			resynchronization	
			methods	
46047736	US12/944138	US8498240	Resynchronization method for recovering from sleep mode and apparatuses using the same	11/11/10
44081890	CN201080002858A	CN102292937	Method of reducing interference between two communication systems operating in adjacent frequency bands	12/7/10
44081890	TW99142639A	TWI423602	Method of reducing interference between two communication systems operating in adjacent frequency bands	12/7/10
44081890	US12/962623	US8630230	Method of reducing interference between two communication systems operating in adjacent frequency bands	12/7/10
45996762	US12/966411	US8654860	Apparatus and method for high efficiency video coding using flexible slice structure	12/13/10
45698634	CN201180005408A	CN102713843	Method of usb device enumeration including detecting operating system type of usb host	8/24/11
45698634	EP11819423A	EP2598991	Method of usb device enumeration including detecting operating system type of usb host	8/24/11
45698634	EP11819423A	EP2598991	Method of usb device enumeration including detecting operating system type of usb host	8/24/11
45698634	ES11819423T	ES2724523	Usb device enumeration method that includes detecting a type of usb host operating system	8/24/11
45698634	EP11819423A	EP2598991	Method of usb device enumeration including	8/24/11

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			detecting operating	
			system type of usb host	
			Method of usb device	
45698634	EP11819423A	EP2598991	enumeration including	8/24/11
			detecting operating	-,,
			system type of usb host	
			Method of usb device	
45698634	EP11819423A	EP2598991	enumeration including	8/24/11
45050054	LI 11013423A	L 2336331	detecting operating	0/24/11
			system type of usb host	
			Method of usb device	
45600634	ED440404334	ED350004	enumeration including	0/24/44
45698634	EP11819423A	EP2598991	detecting operating	8/24/11
			system type of usb host	
			Method of usb device	
			enumeration including	
45698634	EP11819423A	EP2598991	detecting operating	8/24/11
			system type of usb host	
			Method of usb device	
		IN2013MN0027	enumeration including	
45698634	IN278MUN2013A	8	detecting operating	2/7/13
		٥		
			system type of usb host	
			Method of usb device	
45500534	11040/044070	1150554454	enumeration including	0/45/44
45698634	US13/211072	US8661164	detecting the operating	8/16/11
			system type of the usb	
			host	
			Buffer unit, way to play	
48191290	CN201280047295A	CN103828370	for time and entropy	9/12/12
			decoder	
			Apparatus and method	
			for buffering context	
			arrays referenced for	
48191290	EP12844904A	EP2740270	performing entropy	9/12/12
			decoding upon multi-	
			tile encoded picture and	
			related entropy decoder	
			Apparatus and method	
			for buffering context	
			arrays referenced for	
48191290	US14/343388	US9538177	performing entropy	9/12/12
.5151250	0011/010000		decoding upon multi-	J/ ± C/ ± C
			tile encoded picture and	
			related entropy decoder	
49101300	UC1E/2010E4	11520170111664	Apparatus and method	12/20/16
48191290	US15/391854	US20170111664	for buffering context	12/28/16
			arrays referenced for	

			performing entropy	
			decoding upon multi-	
			tile encoded picture and	
			related entropy decoder	
48191290	TW101140260A	TWI520582	Apparatus and method for buffering context arrays referenced for performing entropy	10/31/12
			decoding upon multi- tile encoded picture and entropy decoder	
50029534	DE102012108091A	DE10201210809 1	Multiple input / multiple output antenna with electromagnetic bandgap structure	8/31/12
50029534	JP2013145332A	JP5686859	Mimo antenna having electromagnetic band gap structure	7/11/13
50029534	US13/588496	US9515387	Multi-input multi- output antenna with electromagnetic band- gap structure	8/17/12
49482192	CN201280072564A	CN104246675	Proximity test device and proximity test method	9/20/12
49482192	US14/396739	US10088290	Apparatus and method for performing proximity detection according to capacitive sensing output and status output	9/20/12
51208993	BR112015017149A	BR11201501714 9	Radio link monitoring mechanism and radio link failure handling in small cell networks	1/16/14
54668480	CN201480004755A	CN105122863	Mechanism for radio link monitoring (rlm) and radio link failure (rlf) handling in small cell networks	1/16/14
51208993	EP14740194A	EP2805538	Mechanism for radio link monitoring and radio link failure handling in small cell networks	1/16/14
51208993	US14/636441	US9794839	Mechanism for radio link monitoring and	3/3/15

			radio link failure handling in small cell	
			networks	
56622637	CN201610009031A	CN105898797	Mobile communication device and data processing method	1/7/16
56622637	US14/623090	US9699275	Apparatuses and methods for processing data communicated between different protocol layers	2/16/15
52011033	CN201410756500A	CN104811226	Near field communication method and electronic installation	12/10/14
52011033	EP14195770A	EP2899895	Electronic devices, near field communication methods and near field communication systems	12/2/14
52011033	US14/529463	US9921672	Electronic devices, near field communication methods and near field communication systems	10/31/14
52394976	EP15152487A	EP2900019	Handheld device, base station and transmission control method thereof	1/26/15
52394976	EP15152487A	EP2900019	Handheld device, base station and transmission control method thereof	1/26/15
52394976	EP15152487A	EP2900019	Handheld device, base station and transmission control method thereof	1/26/15
52394976	EP15152487A	EP2900019	Handheld device, base station and transmission control method thereof	1/26/15
52394976	US14/604797	US9854519	Handheld device, base station and transmission control method thereof	1/26/15
55990777	CN201510344333A	CN105611275	The multi-camera for executing electronic device captures the	6/19/15

1			method and its	I
			equipment of control	
55990777	US14/552465	US9906772	Method for performing multi-camera capturing control of an electronic device, and associated apparatus	11/24/14
56130056	CN201510967306A	CN105718046	Head-mount display for eye tracking based on mobile device	12/21/15
56130056	US14/711606	US9791924	Eye tracking with mobile device in a head- mounted display	5/13/15
	BR1120150276156		A localization-based beamforming scheme for systems with multiple antennas	12/26/14
53477592	CN201480068213A	CN105850055	Localization-based beam forming scheme for systems with multiple antennas	12/26/14
53477592	EP14873402A	EP3005581	A localization-based beamforming scheme for systems with multiple antennas	12/26/14
53477592	EP14873402A	EP3005581	A localization-based beamforming scheme for systems with multiple antennas	12/26/14
53477592	EP14873402A	EP3005581	A localization-based beamforming scheme for systems with multiple antennas	12/26/14
53477592	EP14873402A	EP3005581	A localization-based beamforming scheme for systems with multiple antennas	12/26/14
1137090406	IN2210MUN2015A	IN2015MN0221 0	A localization based beamforming scheme for systems with multiple antennas	8/3/15
53477592	US14/580224	US9755797	Localization-based beamforming scheme for systems with multiple antennas	12/23/14
63761357	CN201710536798A	CN108738075	Flexible protocol data unit packing method	7/4/17

			and user equipment thereof	
63761357	TW106119903A	TWI653866	Flexible protocol data unit packaging method and user equipment thereof	6/15/17
63761357	US15/486641	US10104579	User equipment and flexible protocol data unit packaging method thereof	4/13/17
57440179	CN201680031394A	CN107615765	The method and apparatus of resource-sharing in video coding and decoding system between intra block replication mode and inter-frame forecast mode	6/3/16
57440179	EP16802585A	EP3298785	Method and apparatus for resource sharing between intra block copy mode and inter prediction mode in video coding systems	6/3/16
	P00201709862	IDP000066310	Method and Apparatus for Resource Sharing between Intra Block Copy Mode and Inter Prediction Mode in Video Coding Systems	6/3/16
57440179	MYPI2017704481A	MY183484	Method and apparatus for resource sharing between intra block copy mode and inter prediction mode in video coding systems	6/3/16
46145376	SG2013021787A	SG188647	Apparatus and method of constrained partition size for high efficiency video coding	4/2/11
57440179	US15/578184	US10397588	Method and apparatus for resource sharing between intra block copy mode and inter prediction mode in video coding systems	6/3/16

55439142	CN201580047067A	CN106797471	Color index graph coding method for blocks in image by using palette prediction mode	9/2/15
55439142	EP15837985A	EP3180916	Method for color index coding using a generalized copy previous mode	9/2/15
55439142	US15/505972	US10448049	Method for color index coding using a generalized copy previous mode	9/2/15
60941541	CN201780037830A	CN109716766	A kind of method and device filtering 360 degree of video boundaries	7/14/17
60941541	TW106123460A	TWI655857	Method and apparatus for filtering 360-degree video boundaries	7/13/17
60941541	US15/647630	US10375371	Method and apparatus for filtering 360-degree video boundaries	7/12/17

RECORDED: 08/17/2023