PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT5143468

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SONY CORPORATION	04/14/2016

RECEIVING PARTY DATA

Name:	SONY MOBILE COMMUNICATIONS INC.
Street Address:	4-12-3 HIGASHI-SHINAGAWA
Internal Address:	SHINAGAWA-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	140-0002

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16130103

CORRESPONDENCE DATA

Fax Number: (216)592-5009

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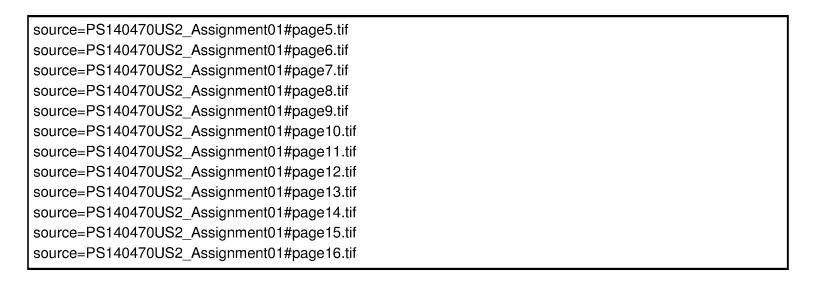**Address Line 4:**   CLEVELAND, OHIO 44113-7213

ATTORNEY DOCKET NUMBER:	PS14 0470US2
NAME OF SUBMITTER:	M. DAVID GALIN
SIGNATURE:	/M. David Galin/
DATE SIGNED:	09/17/2018

Total Attachments: 16
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ASSIGNMENT

WHEREAS, Sony Corporation, having a place of business at 1-7-1 Konan, Minato-ku, Tokyo 108-0075, Japan, a corporation organized and existing under the laws of the Country of Japan, is the exclusive owner, by assignment, of the application for the patents and patent applications listed in **Appendix 1** ("Listed Patents").

WHEREAS, Sony Mobile Communications Inc., having a place of business at 4-12-3 Higashi-Shinagawa, Shinagawa-ku, Tokyo 140-0002 JAPAN, a corporation organized and existing under the laws of the Country of Japan (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring right, title and interest in and to said Listed Patents, the invention described therein, and in and to any and all divisions, continuations, reissues, substitutions and renewals thereof anywhere in the world;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS ($5.00) and other valuable consideration, the receipt of which is hereby acknowledged, Sony Corporation by these presents do sell, assign and transfer unto said ASSIGNEE right, title and interest in and to the aforesaid Listed Patents, the invention described therein and in and to any and all divisions, continuations, reissues, substitutions and renewals thereof.

Sony Corporation hereby authorizes and requests that the USPTO, or other relevant Patent Offices worldwide, assign any and all of said Listed Patents, jointly to said ASSIGNEE as an assignee of right, title and interest, for the use and benefit of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Listed Patents may be granted, to the extent hereby assigned. Sony Corporation shall remain the first named assignee for the Listed Patents, and ASSIGNEE shall be named as second assignee.

2

IN TESTIMONY WHEREOF, Sony Corporation has caused these presents to be signed by its officer hereunto duly authorized.

SONY CORPORATION

Date: _April 14, 2016_   By: _Sohei Suzuki_

Name: Sohei Suzuki

Title: Senior General Manager

Appendix 1.

Official Title	Application No	Registration No	Filing Date
Voice Filtering Method, Apparatus and Electronic Equipment	14/262,904	9,251,803	2014-04-28
METHOD FOR PROMPTING IDENTIFICATION CARD INFORMATION, MOBILE TERMINAL AND ELECTRONIC DEVICE	14/147,776		2014-01-06
IMAGE PROCESSING METHOD AND APPARATUS, AND ELECTRONIC DEVICE	14/151,164		2014-01-09
TOUCH SENSING COMPONENT AND METHOD FOR MANUFACTURING THE SAME, TOUCH SCREEN AND ELECTRONIC DEVICE	14/189,298		2014-02-25
ELECTRONIC APPARATUS AND CALL CONTROL METHOD	14/174,062		2014-02-06
KENNELLY CIRCLE INTERPOLATION OF IMPEDANCE MEASUREMENTS	14/086,310		2013-11-21
Image Forming Method And Apparatus, And Electronic Device	14/250,827		2014-04-11
PROXIMITY SENSING DEVICE AND METHOD FOR MANUFACTURING THE SAME, AND ELECTRONIC DEVICE	14/471,133		2014-08-28
Multimedia Playing Control Method, Apparatus for the Same and System	14/390,825		2014-01-29
METHOD AND APPARATUS OF WORKING MODE CONTROL, AND ELECTRONIC DEVICE	14/230,336		2014-03-31
MULTIMEDIA READING CONTROL DEVICE, GRAPH ACQUISITION DEVICE, ELECTRONIC EQUIPMENT, GRAPH SUPPLY DEVICE AND METHODS THEREOF	14/400,127		2014-08-29
Touch screen, electronic equipment and method of preventing light leakage of a touch screen	14/199,147	9,239,640	2014-03-06
METHOD AND APPARATUS FOR AUDIO OUTPUT, AND ELECTRONIC DEVICE	14/404,369		2014-07-10
CONTROL METHOD AND CONTROL APPARATUS OF ELECTRONIC DEVICE, AND ELECTRONIC DEVICE	14/449,667		2014-08-01
Enhanced proximity services discovery with radio access status indicator	14/402,593		2014-05-02
APPLICATION ACTIVATION METHOD AND APPARATUS AND ELECTRONIC EQUIPMENT	14/394,411		2014-09-03
Alternative Camera Function Control	14/403,307		2014-03-31
METHOD AND APPARATUS OF WORKING MODE CONTROL, AND ELECTRONIC DEVICE	14/411,703		2014-09-11
EFFICIENT PROXIMITY SERVICE DISCOVERY RESOURCE REPORT AND ALLOCATION	14/265,786		2014-04-30
TOUCH PANEL, DISPLAY APPARATUS AND ELECTRONIC DEVICE	14/427,039		2014-10-02
IMAGE PROCESSING METHOD AND APPARATUS, AND ELECTRONIC DEVICE	14/654,874		2014-12-24
UNIFIED HEADER DESIGN FOR DISCOVERY MESSAGES	14/453,223		2014-08-06

Appendix 1.

Official Title	Application No	Registration No	Filing Date
EFFICIENT CONTENTION BASED DECENTRALIZED PROCEDURE FOR DEVICE TO DEVICE COMMUNICATION	14/352,746		2014-04-18
Discovery Message Method Configuration Selection	14/245,529		2014-04-04
WIRELESS CHARGING METHOD AND SYSTEM, AND MOBILE TERMINAL	14/429,018		2014-09-10
IMAGE GENERATION METHOD AND APPARATUS, AND TERMINAL DEVICE	14/769,165		2015-08-20
ANTENNA STRUCTURE, COMMUNICATION APPARATUS AND ELECTRONIC EQUIPMENT	14/585,284		2014-12-30
INFORMATION ACQUIRING APPARATUS AND METHOD, AND ELECTRONIC DEVICE	14/587,480		2014-12-31
SOUND SIGNAL PROCESSING METHOD AND APPARATUS, AND MOBILE TERMINAL	14/649,418		2015-01-22
IMAGE GENERATION METHOD AND APPARATUS, AND MOBILE TERMINAL	14/778,372		2014-07-02
User equipment, base station, and method of enabling usage of resources for a device-to-device discovery	14/467,379		2014-08-25
Method of providing information on device-to-device resources, cellular network node and user equipment	14/559,490		2014-12-03
FACE MOSAIC IN REAL-TIME VIDEO	14/439,953		2015-04-30
Selectable configuration for uplink acknowledgement resources	14/511,836		2014-10-10
A NEW METHOD OF PHOTO AUTO OPTIMIZING FOR UNDERWATER PHOTOGRAPHY	14/702,823		2015-05-04
NEW ANTENNA CONCEPT FOR METAL BACK COVER PHONE	14/695,647		2015-04-24
User equipment, communication system, and method of controlling a user equipment	14/587,439		2014-12-31
GENERATION APPARATUS AND METHOD FOR EVALUATION INFORMATION, ELECTRONIC DEVICE AND SERVER	14/889,324		2015-11-05
METHOD AND APPARATUS FOR AIDING AUTOMATIC FOCUSING AND ELECTRONIC EQUIPMENT	17/772,607		2015-09-03
DATA RECORDING AND DATA RECORDING APPARATUS	14/771,673		2015-08-31
Uplink control channel	14/618,157		2015-02-10
NOISE DETECTION METHOD, NOISE DETECTION APPARATUS AND ELECTRONIC EQUIPMENT	14/796,452		2015-07-10
CONTROL APPARATUS AND METHOD AND ELECTRONIC DEVICE	14/710,121		2015-05-12
METHOD AND APPARATUS FOR FORMING IMAGES AND ELECTRONIC EQUIPMENT	14/892,788		2015-11-20

2

Appendix 1.

Official Title	Application No	Registration No	Filing Date
CONTROL METHOD AND CONTROL APPARATUS FOR ELECTRONIC EQUIPMENT AND ELECTRONIC EQUIPMENT	14/890,245		2015-11-10
User equipment, radio access network node, communication system, and method of determining a relative position of user equipments	14/664,501		2015-03-20
User equipment, cellular network node and method for providing Licensed-Assisted Access	14/753,125		2015-06-29
Optical filter arrangement and a method for adjustment thereof	13/250,030		2011-09-30
Method for operating a touch sensitive user interface	14/239,214	9,052,765	2011-08-31
High Power Efficiency LCD	13/976,176		2012-11-26
Methods of Responding to an Orientation or Motion of a Portable Electronic Device, and Related Devices	14/369,738		2012-02-27
User Interface with Location Mapping	14/370,334		2013-10-22
ANTENNA SWAPPING METHODS INCLUDING COMPARING PERFORMANCE CHARACTERISTICS OF FIRST AND SECOND ANTENNAS, AND RELATED PORTABLE ELECTRONIC DEVICES	14/375,583	9240830	2012-03-23
GAZE TRACKING WITH PROJECTOR	13/979,152		2013-01-03
Mobile Communications Using Base Station Controlled Optimization Of Adaptive Antenna Selection Parameters, Terminals With Adaptive Antenna System, and Method	14/353,508		2013-08-07
Power Control Method and Mobile Communication Terminal	14/360,110		2013-06-18
ENHANCED VIDEO ENCODING USING DEPTH INFORMATION	13/758,023	9,064,295	2013-02-04
INTERFERENCE CANCELING FOR MOBILE DEVICES	13/950,352		2013-07-25
INTERFERENCE CANCELING FOR MOBILE DEVICES	14/906,749		2014-07-10
Finger Detection on Touch Screens for Mobile Devices	14/312,025		2014-06-23
Wireless Electronic Devices Including a Feed Structure Connected to a Plurality of Antennas	13/943,388		2013-07-16
ADAPTING CONTENT AND MONITORING USER BEHAVIOR BASED ON FACIAL RECOGNITION	13/761,485	9,189,611	2013-02-07
Devices, Methods and Computer Program Products for Controlling Loudness	13/871,260	9253586	2013-04-26
FOLDED ELECTROSTATIC SPEAKER	13/783,726		2013-03-04
Electronic Device and Methods Therein	14/305,170		2014-06-16
Method for operating a terminal device	14/771,562		2014-03-27
Operating a terminal device in a communication system	14/361,870		2013-04-30

Appendix 1.

Official Title	Application No	Registration No	Filing Date
Methods of Communicating Identification Information and a Responsive Command Via Short-Range Communications, and Related Devices	13/795,424		2013-03-12
CROSSTALK REDUCTION IN A HEADSET	13/925,020	9,161,133	2013-06-24
RECALIBRATING AN INERTIAL NAVIGATION SYSTEM	13/848,338		2013-03-21
Power Efficient Sensor Accessory Management Through Sensor Subsystem	13/918,032		2013-06-14
Power consumption management based an inactivity timer	14/372,128		2013-04-30
PRE-EMPTIVE CPU ACTIVATION FROM TOUCH INPUT	14/019,628	9,189,151	2013-09-06
MAGNETIC BATTERY SAVER	14/360,753		2013-06-24
A Method for Stabilization and a System Thereto	14/252,083		2014-04-14
Terminal-initiated power mode switching	14/355,021		2013-04-30
PRESS AND DROP TEXT INPUT	14/348154		2013-04-30
ANTENNA ARRANGEMENT & DEVICE	14/360,091		2013-06-20
Double Ring Antenna With Integrated Non-Cellular Antennas	14/092,529	9197270	2013-11-27
SMART FEELING SENSING TAG FOR PICTURES	14/354,956		2013-07-02
Flexible device management bootstrap	14/231,250		2014-03-31
Wireless Electronic Devices with Metal Perimeter Portions Including a Plurality of Antennas	14/355,703		2013-06-27
Operating a terminal device in a wireless communication system	14/373,760		2013-05-16
Devices and methods for protocol mode switching	14/398,941		2013-10-11
Generation of an instant virtual reenactment of an occurring event	14/523,367		2013-10-31
Methods and Devices for Parallax Elimination	13/961,982		2013-08-08
AUTOMATIC CORRECTION OF PREDICTED TOUCH INPUT EVENTS	14/371,558		2013-11-28
DIRECTING AUDIO OUTPUT BASED ON GESTURES	14/402,281		2014-01-22
ADAPTIVE RUNNING MODE	14/354,433		2013-08-22
ARRAY CAMERA DESIGN WITH DEDICATED BAYER CAMERA	13/962,204		2013-08-08
Output power control for wireless local area networks	14/385,777		2013-10-11
DETECTING INTENTIONAL ROTATION OF A MOBILE DEVICE	14/373,450		2013-10-16
Method of requesting activation of a repeater function and user equipment	14/337,746		2013-07-30
METHOD AND APPARATUS FOR SECURELY DISTRIBUTING DIGITAL VOUCHERS	14/366,591		2014-02-06
IMS/RCS Wi-Fi Direct Support	14/170,239		2014-01-31
Input System with Parallel Input Data	14/093,893		2013-12-02

Appendix 1.

Official Title	Application No	Registration No	Filing Date
TOUCHPEN FOR CAPACITIVE TOUCH PANEL AND METHOD OF DETECTING A POSITION OF A TOUCHPEN	14/381,162		2013-09-26
Method and Apparatus for Reducing Color Fringing in Composite Images	14/378,579		2014-02-07
DIRECTIONAL PROXIMITY DETECTION	14/535,645		2013-11-07
ORTHOGONAL MULTI-ANTENNAS FOR MOBILE HANDSETS BASED ON CHARACTERISTIC MODE MANIPULATION	14/050,761		2013-10-10
Operating a base station of a radio access network	14/390,819		2013-10-11
MITIGATING BACKLIGHT DEFICIENCIES BY USING PIXEL PROCESSING	14/354,152		2013-11-15
TERMINAL DEVICE HAVING A RELAY FUNCTION AND METHOD OF PROVIDING INFORMATION RELATED TO A RELAY FUNCTION	14/384,098		2013-09-02
OPTIMIZED METHOD FOR ESTIMATING DIRECTION OF A DIGITAL IMAGE AREA	14/413,124	9202262	2014-01-06
Method in an Electronic Mobile Device, and such a Device	14/382,824		2013-11-06
Application specific congestion control management	14/908,283		2013-10-16
Parallelization Method and System	14/382,886		2014-01-20
A METHOD FOR PRESENTATION OF IMAGES	14/385,767		2014-02-12
MM Wave Antenna Array Integrated with Cellular Antenna	14/068,381		2013-10-31
Mobile Computing Device with a Combined Housing and Connector Port	14/068,843		2013-10-31
Dynamic hardware controls with haptic and visual feedback	14/551,417		2014-11-24
Data Speculation for ARRAY Processors	14/385,953		2014-03-07
MIMO BEAM STEERING FOR LOCATION-BASED DATA ROUTING	14/356,955		2013-11-05
Distribution of network status and information in WLAN networks for self optimization/organization	14/374,097		2013-11-01
Network smart cell selection	14/515,867		2014-10-16
User device smart cell selection	14/515,912		2014-10-16
A Method in an Electronic Mobile Device and such a Device	14/345,899		2013-12-09
COLOR DEPENDENT CONTENT ADAPTIVE BACKLIGHT CONTROL	14/648,327		2013-11-26
SESSION-BASED TRAFFIC ROUTING POLICIES	14/073,444		2013-11-06
TRANSMISSIVE DISPLAY WITH EXTENDED MEMORY-IN-PIXEL (MIP) REFLECTIVE PART	14/364,124		2013-12-19
Positioning data based cell management	14/554,777		2014-11-26
METHOD, SYSTEM AND COMPUTER PROGRAM PRODUCT FOR DEBLURING IMAGES	14/786,445		2014-03-12

Appendix 1.

Official Title	Application No	Registration No	Filing Date
Transparency Determination for Overlaying Images on an Electronic Display	14/366,816		2014-02-18
SYSTEM AND METHOD FOR VISUALLY DISTINGUISHING FACES IN A DIGITAL IMAGE	14/167,115	9,177,194	2014-01-29
A wearable device and a method for storing credentials associated with an electronic device in said wearable device	14/533,492		2014-01-06
WATERTIGHT ACCESS COVER WITH ELECTROACTIVE POLYMERS	14/398,526		2014-01-14
Dynamic network controlled formation of mobile cells	14/084,968		2013-11-20
METHOD AND APPARATUS FOR FACILITATING USE OF SERVICES AVAILABLE VIA WIRELESS CONNECTION METHOD AND APPARATUS FOR FACILITATING USE OF SERVICES AVAILABLE VIA WIRELESS CONNECTION	14/364,054		2013-12-17
CALL HANDLING USING IP MULTIMEDIA SUBSYSTEM	14/372,620		2013-10-31
Content Controlled Display Mode Switching	14/173,419		2014-02-05
HANDOVER FOR RELAY TERMINATION	14/099,855		2013-12-06
ENABLING SECURE APPLICATION DISTRIBUTION ON A (E)UICC USING SHORT DISTANCE	14/531,399		2014-11-03
Devices and Methods for Telephone Call Sharing Using a Direct Wireless Connection	14/414,636		2014-01-15
Power control scheme for Device to device networks	14/098,651		2013-12-06
Automatic Internet Sharing	14/427,590		2013-12-12
NETWORK HANDOVER OPTIMIZATION	14/394,667		2013-12-16
Gaze Tracking for a Mobile Device	14/361,127		2014-01-24
Electronic Devices and Methods for Compensating for Environmental Noise in Text-to-speech Applications	14/374,170		2013-12-17
Method for operating a base station in a wireless radio network	14/397,892		2013-12-20
AN EMOTION BASED POWER EFFICIENT SELF-PORTRAIT MECHANISM	14/382,010		2013-12-24
Gain Optimized Equaliser	14/403,242		2014-02-27
PREDICTIVE INPUT SYSTEM FOR TOUCH AND TOUCHLESS DISPLAYS	14/391,411		2014-02-04
MEDIA STREAM FROM SENDER SEEN ON RECEIVER SIDE BEFORE CONFIRMING RECEIPT OF MEDIA STREAM	14/576,432		2014-02-04
Directing Audio Output Based on Device Sensor Input	14/278,102		2014-05-15
Method for Operating Mobile Device	14/402,404		2014-01-10
HAPTIC NOTIFICATION ON WEARABLES	14/359,851		2014-01-15

6

Appendix 1.

Official Title	Application No	Registration No	Filing Date
Headset Equipped with Material That Title of Invention Can Change in Size	14/412,967		2014-01-05
METHOD, SYSTEM AND COMPUTER PROGRAM PRODUCT FOR DETERMINING AND PROCESSING A HANDSHAKE USING A WEARABLE DEVICE	14/384,216		2014-04-01
Method of Controlling a Graphical User Interface for a mobile Electronic Device	14/576,455		2013-12-20
SYSTEMS AND METHODS OF SEGMENTING A VIDEO RECORDING	14/362,902		2014-01-10
Apparatus and Methods for Tracking in Wireless Communication Systems in Response to an Activation Event	14/165,858		2014-01-28
Perspective Change Using Depth Information	14/362,976		2014-01-08
Device to Device User Service Sharing Using Shared Trusted ID	14/417838		2014-01-28
METHOD AND SYSTEM FOR ADJUSTING CAMERA SETTINGS USING CORNEAL REFLECTION	14/354,581		2014-02-13
Exposure Control Using Depth Information	14/389,791		2014-03-11
METHOD AND DEVICE FOR ADAPTING A GRAPHICAL EFFECT	14/597 637		2015-01-15
ROUTING OF LONG-LIVED TRAFFIC WHEN USING SIPTO	14/147,255		2014-01-03
ROUTING OF LONG-LIVED TRAFFIC WHEN USING SIPTO	14/160,535		2014-01-21
Methods and Devices for Granting Access To and Enabling Passcode Protection for a File	14/229,257		2014-03-28
Power Efficient Proximity Detection	14/891,080		2014-04-02
Method and Server for Configuring a Mobile Terminal and Portable Electronic Device	14/423,789		2014-03-27
Digital Cameras having Reduced Startup Time, and Related Devices, Methods, and Computer Program Products	14/378,905		2014-02-27
Method for improved indoor positioning and crowd sourcing using PDR	14/409,044		2014-02-05
ELECTRONIC DEVICE WITH FREQUENCY BAND SCANNING ORDER	14/394,735		2014-10-15
CONTROL OF SHAKE BLUR AND MOTION BLUR FOR PIXEL MULTIPLEXING	14/405,600		2014-03-19
IMAGE CREATION COMBINING BASE IMAGE AND REPOSITIONED OBJECT FROM A SEQUENCE OF IMAGES	14/415,795		2014-03-27
AUTOMATIC PASSWORD HANDLING	14/382,394		2014-03-19
Pairing Consumer Electronic Devices Using a Cross-Body Communications Protocol	14/382,380		2014-03-12
User Authentication Based on Body Tremors	14/429,983		2014-05-05
Sharing power consumption for mobile gateway functionality in a WLAN mesh network	14/168,218		2014-01-30

Appendix 1.

Official Title	Application No	Registration No	Filing Date
COORDINATED PRIORITY SCHEME FOR SMALL DATA PACKET TRANSMISSION	14/228,931		2014-03-28
SYSTEM AND METHOD FOR FORWARDING ADVERTISEMENT TO RECIPIENT ELECTRONIC DEVICE	14/219,046		2014-03-19
Electronic Device and Method for Controlling Navigation in a Video	14/411,023		2014-05-07
Unlicensed band usage measurement reporting	14/168,737		2014-01-30
DEVICE AND METHOD FOR DETECTING GESTURES ON THE SKIN	14/374,276		2014-02-06
Avoiding NFC Communication Collisions Between Accessories and User Equipment	14/401,727		2014-02-18
Phone Covers with NFC Circuit Powered Display Devices	14/401,742		2014-02-20
HARMONIZING A PROJECTED USER INTERFACE	14/428,092		2014-04-01
ELECTRONIC DEVICE WITH PARALLAXING UNLOCK SCREEN AND METHOD	14/413,085		2014-03-25
Assigning Voice Characteristics to a Contact Information Record of a Person	14/431,611		2014-04-01
ADAPTIVE TRANSMIT POWER ADJUSTMENT FOR PHONE IN HAND DETECTION USING WEARABLE DEVICE	14/425,520		2014-04-24
Detection of Unauthorized Tags	14/892,591		2014-02-21
Tag Cluster for Silent Tags	14/434,567		2014-02-21
SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR CONFIGURING A COMMUNICATION APPLICATION FOR A MOBILE DEVICE	14/428,497		2014-03-31
Operating a display of a user equipment	14/414,229		2014-04-28
Authentication with ultrasound	14/443,128		2014-11-20
EMBEDDING BIOMETRIC DATA FROM A WEARABLE COMPUTING DEVICE IN METADATA OF A RECORDED IMAGE	14/547,350		2014-05-05
Portable Electronic Equipment and Method of Controlling a Portable Electronic Equipment	14/442,591		2014-05-08
Processing Digital Photographs in Response to External Applications	14/441,567		2014-04-25
End-User Devices Handling Objects Via Network Server Assistance	14/426,868		2014-04-30
ACTIVITY TRACKING BASED RECOMMENDATION	14/287,387		2014-05-27
INPUT HANDOVER FROM A FIRST DEVICE TO A SECOND DEVICE	14/303,544		2014-06-12
Method for Operating a base Station in a Wireless Radio Network, Base station and User Equipment	14/648,583		2014-03-28
ELECTRONIC DEVICE WITH DISPLAY-BASED FINGERPRINT READER	14/651,678		2014-03-21

Appendix 1.

Official Title	Application No	Registration No	Filing Date
Device with Radio and Body-Coupled-Communication Connectivity	14/248,656		2014-04-09
Method for Handing Over a Circuit Switched Call to an Internet Protocol Call and Related Electronic Devices and Computer Program Products	14/367,584		2014-05-26
Offline Mode for Tag Transmission Reports	14/299,636		2014-06-09
Transmission Regulation of Tag Readers	14/426,675		2014-04-10
ADAPTIVE TOUCH PANEL SYNCHRONIZATION	14/299,173		2014-06-09
Depth Assisted Scene Recognition for a Camera	14/433,174		2014-04-17
3D SCANNING WITH DEPTH CAMERAS USING MESH SCULPTING	14/305,563		2014-06-16
SYSTEM AND METHOD FOR CONTENT STREAMING IN A NETWORK ENVIRONMENT	14/435,349		2014-05-05
Tag Powersave	14/311,576		2014-06-23
Context-Based Adaptive Streaming Algorithm for a User Device	14/293,466		2014-06-02
ACCESS CONTROL AUTHENTICATION BASED ON IMPEDANCE MEASUREMENTS	14/561,823		2014-12-05
LIFELOG CAMERA AND METHOD OF OBTAINING A DIGITAL IMAGE TAGGED WITH CORRECTED IMAGE DIRECTION INFORMATION	14/388,580		2014-06-03
Method for Operating a Base Station in a Wireless Radio Network and Corresponding Base Station	14/418,817		2014-03-28
SELECTIVE TURNING OFF/DIMMING OF TOUCH SCREEN DISPLAY REGION	14/284,613		2014-05-22
A Hearing Device, Method and System for Automatically Enabling Monitoring Mode Within Said Hearing Device	14/314,352		2014-06-25
Electronic equipment and method of authenticating a user	14/302,456		2014-06-12
Method of controlling a signal transmission in a cellular MIMO system, base station, and cellular MIMO system	14/288,475		2014-05-28
Pilot time slot hopping	14/413,382		2014-03-31
Portable Electronic Equipment and Method of Operating a User Interface	14/304,055		2014-06-13
MASSIVE MIMO LINK SETUP	14/303,859		2014-06-13
Wearable Wireless Electronic Devices and Methods of Providing Communications via Wearable Wireless Electronic Devices	14/425,910		2014-05-09
MASSIVE MIMO CELL SYNCHRONIZATION: AP TO AP INDIRECT COMMUNICATION	14/308,575		2014-06-18
LIFELOG CAMERA AND METHOD OF CONTROLLING IN ASSOCIATION WITH AN INTRAPERSONAL AREA NETWORK	14/388,593		2014-06-03
LIFELOG CAMERA AND METHOD OF CONTROLLING SAME ACCORDING TO TRANSITIONS IN ACTIVITY	14/303,664		2014-06-13

Appendix 1.

Official Title	Application No	Registration No	Filing Date
Control of offloading for device-to-device traffic in a cellular network	14/328,891		2014-07-11
DEVICE AND METHOD FOR CONTROL OF DATA TRANSFER IN LOCAL AREA NETWORK	14/318,025		2014-06-27
Operating user equipments in a wireless communication network	14/285,932		2014-05-23
Dynamic Configuration of Trusted Executed Environment Resources	14/296,885	9,264,410	2014-06-05
ALGORITHM FOR PRE-PROCESSING OF VIDEO EFFECTS	14/309,982		2014-06-20
UE INITIATED STATIONARY INDICATOR FOR REDUCED PAGING	14/663,582		2015-03-20
Memory efficient thread-level speculation	14/262,033		2014-04-25
Transmitting a packet via a wireless local area network after a delay	14/276,352		2014-05-13
METHOD AND SYSTEM FOR EFFICIENT TRANSFER OF DIGITAL IMAGES CAPTURED BY A LIFELOG CAMERA	14/462,915		2014-08-19
LIFELOG CAMERA AND METHOD OF CONTROLLING SAME USING VOICE TRIGGERS	14/313,078		2014-06-24
METHODS OF PROVIDING BODY AREA NETWORK COMMUNICATIONS WHEN A USER TOUCHES A BUTTON OF A WIRELESS ELECTRONIC DEVICE, AND RELATED WIRELESS ELECTRONIC DEVICES AND WEARABLE WIRELESS ELECTRONIC DEVICES	14/328,832		2014-07-11
Sharing transmission intentions in wireless network for CSMA optimation	14/284,769		2014-05-22
Methods and devices for providing system information of a cellular communication network	14/321,862		2014-07-02
MASSIVE MIMO CELL SYNCHRONIZATION: AP TO AP DIRECT COMMUNICATION	14/308,586		2014-06-18
User equipment, cellular communication network node and method of controlling operation of a user equipment	14/296,583		2014-06-05
User equipment and method of searching for a cell	14/296,604		2014-06-05
Panoramic Video	14/460,708		2014-08-15
Configurating User Equipment to Display Information Through a Cover Window	14/311,470		2014-06-23
Silent mode for submerged devices	14/317,658		2014-06-27
Operating a user equipment in a wireless communication network	14/310,221		2014-06-20
GUIDANCE LIGHT FOR MOBILE DEVICE	14/320,909		2014-07-01
Methods and devices for securing radio resources for an LTE-U data transmission	14/323,131		2014-07-03
Methods and devices for allocating a radio resource for an LTE-U data transmission	14/323,137		2014-07-03
Operating an Antenna Device of a User Equipment	14/328,768		2014-07-11

Appendix 1.

Official Title	Application No	Registration No	Filing Date
Operating a User Equipment in a Wireless Communication Network	14/328,773		2014-07-11
Context-Sensitive Media Classification	14/522,867		2014-10-24
SYSTEM AND METHOD FOR SETTING FOCUS OF DIGITAL	14/332,664		2014-07-16
AN OBJECT AND A METHOD FOR GROUPING OF OBJECTS IN A BODY AREA NETWORK	14/470,007		2014-08-27
Panoramic Video	14/460,696		2014-08-15
Device with external metal frame as coupling element for body-coupled communication	14/452,943		2014-08-06
ELECTRONIC DEVICE WITH STATIC ELECTRIC FIELD	14/467,588		2014-08-25
MULTI-ON-BODY ACTION DETECTION BASED ON ULTRASOUND	14/595,435		2015-01-13
MODAL BODY TOUCH USING ULTRASOUND	14/461,621		2014-08-18
SYSTEM AND METHOD FOR AUTO-ADJUST RATE OF ZOOM FEATURE FOR DIGITAL VIDEO	14/479,731		2014-09-08
DEVICE SWITCHING FOR A STREAMING SERVICE	14/461,538		2014-08-18
ACTIVITY BASED TEXT REWRITING USING LANGUAGE GENERATION	14/478,112		2014-09-05
PHYSICAL PROPERTIES CONVERTER	14/335,183		2014-07-18
DEVICE FOR CONTROL OF DATA TRANSFER IN LOCAL AREA NETWORK	14/513,672		2014-10-14
ULTRASOUND-BASED FACIAL AND MODAL TOUCH SENSING	14/491,084		2014-09-19
Wireless electronic devices including flexible magnetic material that extends through openings of a printed circuit board	14/484,391		2014-09-12
Retrieving/authorizing content on user equipment based on information from connectable accessory with NFC circuit	14/461,954		2014-08-18
NFC collision avoidance with controllable NFC transmission delay timing	14/462,015		2014-08-18
Removable conductive layer that shields and/or shorts nodes of an NFC circuit to control transmissions therefrom	14/468,911		2014-08-26
Display brightness control	14/537,444		2014-11-10
Noise level based exposure time control for sequential subimages	14/576,418		2014-12-19
BT AND BCC COMMUNICATION FOR WIRELESS EARBUDS	14/521,048		2014-10-22
SOCIALLY ACCEPTABLE DISPLAY OF MESSAGING	14/581,194		2014-12-23
DYNAMIC USER RECOMMENDATIONS FOR BAN ENABLED MEDIA EXPERIENCES	14/537,984		2014-11-11
TOUCH SCREEN TOUCH FORCE MEASUREMENT BASED ON FINGER DEFORMATION SPEED	14/580,751		2014-12-23
Secure NFC forwarding from a phone to an accessory	14/515,811		2014-10-16

Appendix 1.

Official Title	Application No	Registration No	Filing Date
A SYSTEM AND METHOD FOR ALLOWING ACCESS TO ELECTRONIC DEVICES USING A BODY AREA NETWORK	14/509,569		2014-10-08
CONTROL UNIT AND METHOD OF INTERACTING WITH A GRAPHICAL USER INTERFACE	14/494,701		2014-09-24
Stripline Coupled Antenna with Periodic Slots for Wireless Electronic Devices	14/534,445		2014-11-06
HANDOVER PREPARATION IN A RADIO COMMUNICATIONS SYSTEM	14/696,824		2015-04-27
SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR PROGRESSIVELY ADJUSTING AN OFFLOAD SETTING	14/443,883		2014-09-19
SITUATIONAL BASED COMMUNICATION	14/551,309		2014-11-24
Sensor configuration switching for adaptation of video capturing frame rate	14/558,130		2014-12-02
PAIRING ELECTRONIC DEVICES USING BODY AREA NETWORK	14/492,846		2014-09-22
A method and system for displaying web applications of a first communication device on a	14/547,242		2014-11-19
DUAL BAND MULTI-LAYER DIPOLE ANTENNAS FOR WIRELESS ELECTRONIC DEVICES	14/549,574		2014-11-21
Screenshot based indication of supplemental information	14/546,169		2014-11-18
INVERTED-F ANTENNA WITH A CHOKE NOTCH FOR WIRELESS ELECTRONIC DEVICES	14/529397		2014-10-31
TRANSMISSION PROTECTION	14/670,822		2015-03-27
ARRAY ANTENNAS INCLUDING NON-UNIFORM ANTENNA ELEMENTS	14/539,611		2014-11-12
Tree Based Image Storage System	14/617,325		2015-02-09
Efficient Local Feature Descriptor Filtering	14/617,373		2015-02-09
SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR ENABLING A MACHINE TYPE COMMUNICATION (MTC) COVERAGE ENHANCEMENT MODE	14/565,849		2014-12-10
DIVERSITY FOR MIMO SYSTEMS	14/602,482		2015-01-22
A METHOD, DEVICE AND SYSTEM FOR SETTING OPERATION MODES OF COMMUNICATION	14/571,722		2014-12-16
DEVICES IN A COMMUNICATION NETWORK	14/595,348		2015-01-13
DETERMINING THE GEOGRAPHIC LOCATION OF A PORTABLE ELECTRONIC DEVICE	14/696,964		2015-04-27
Selective high frame rate video capturing in imaging sensor subarea	14/576,495		2014-12-19
SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR DETERMIING A FRONT FACING VIEW OF AND CENTERING AN OMNIDIRECTIONAL IMAGE	14/576,298		2014-12-19
SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR SCANNING FREQUENCY BANDS	14/610,911		2015-01-30

Appendix 1.

Official Title	Application No	Registration No	Filing Date
DYNAMIC TOUCH SENSOR SCANNING FOR FALSE BORDER TOUCH INPUT DETECTION	14/603,447		2015-01-23
COMMUNICATION OPTIMIZATION	14/612,540		2015-02-03
CHARGING STATION, CHARGING SYSTEM AND METHOD FOR INDUCTIVE CHARGING	14/575,504		2014-12-18
BCC ENABLED KEY MANAGEMENT SYSTEM	14/598,573		2015-01-16
Water Proof Speaker Device	14/593,267		2015-01-09
Pilot signal resource allocation for a cellular MIMO system	14/830,223		2015-08-19
WIRE-BONDED BORDERLESS DISPLAY	14/607,212		2015-01-28
DUAL-BAND INVERTED-F ANTENNA WITH MULTIPLE WAVE TRAPS FOR WIRELESS ELECTRONIC DEVICES	14/595,267		2015-01-13
Body Area Network for Secure Payment	14/621,789		2015-02-13
PROVISION OF A VIDEO MOSAIC SERVICE	14/596,509		2015-01-14
FINGERPRINT MATCHING IN MASSIVE MIMO SYSTEMS	14/804,575		2015-07-21
A method, device and system for collecting writing pattern using BAN	14/612,503		2015-02-03
Event-triggered mode switching for a mobile terminal	14/661,275		2015-03-18
ANTENNAS FOR BODY-WORN WIRELESS ELECTRONIC DEVICES	14/603438		2015-01-23
A system, method and device for transferring information via body coupled communication from a touch sensitive interface	14/668,042		2015-03-25
METHODS OF ANTENNA SELECTION BASED ON MOVEMENT/ORIENTATION, AND RELATED WIRELESS ELECTRONIC DEVICES	14/657,353		2015-03-13
RADIO TERMINAL MEASUREMENTS IN EXTENDED DRX	14/697,069		2015-04-27
SELECTIVELY USING BEACON RADIO NODE LOCATION TO DETERMINE USER EQUIPMENT LOCATION BASED ON SENSED MOVEMENT OF THE BEACON RADIO NODE	14/640,827		2015-03-06
A CONNECTOR TONGUE ELEMENT FOR AN ELECTRICAL CONNECTOR PLUG RECEPTACLE AND A METHOD FOR PRODUCING THE SAME	14/639,468		2015-03-05
VIRTUAL BORDERLESS DISPLAY	14/673,955		2015-03-31
SWITCHABLE PRIVACY DISPLAY BASED ON STRIPED POLARIZER	14/611,311		2015-02-02
SWITCHABLE PRIVACY MODE DISPLAY	14/613,980		2015-02-04
DETERMINING LOCATION OF A DEVICE IN A MIMO NETWORK USING MULTIPATH COMPONENT EVALUATION	14/695,768		2015-04-24

13

Appendix 1.

Official Title	Application No	Registration No	Filing Date
PEAK CURRENT HANDLER	14/660,117		2015-03-17
DEVICE DISPLAY CONTROL FOR PROTECTING SENSITIVE DATA	14/667,904		2015-03-25
LOW-POWER VOICE COMMAND DETECTOR	14/656,079		2015-03-12
Touch screen device	14/640,779		2015-03-06
Touch screen device	14/670,506		2015-03-27
A method and system for capturing media by using BAN	14/612,693		2015-02-03
POWER EFFICIENT MULTIPLE CAMERA SYSTEM	14/675,811		2015-04-01
METHOD FOR INDEPENDENTLY DETERMINING EXPOSURE AND FOCUS SETTINGS OF A DIGITAL CAMERA	14/640,875		2015-03-06
Adaptive index mapping for modulation scheme settings	14/671,658		2015-03-27
APPARATUS, SYSTEMS AND METHODS FOR DISCONTINUOUS SIGNALING IN A MOBILE COMMUNICATION NETWORK	14/711,149		2015-05-13
ANTENNAS INCLUDING DUAL RADIATING ELEMENTS FOR WIRELESS ELECTRONIC DEVICES	14/681,432		2015-04-08
METHOD AND SYSTEM FOR DETECTING LINEAR SWIPE GESTURE USING ACCELEROMETER	14/670,633		2015-03-27
HIDDEN BIOMETRIC SETUP	14/627,010		2015-02-20
SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR OPTIMIZING A WIRELESS CHANNEL BETWEEN A USER EQUIPMENT AND A BASE STATION	14/724,867		2015-05-29
METHOD AND DEVICE FOR INTEGRATED USABILITY CONTROL	14/662,596		2015-03-19
MODULE FOR CONTROLLING USABILITY OF A DEVICE	14/662,611		2015-03-19
Relaying in cellular networks	14/719,216		2015-05-21
BODY AREA NETWORK SIGNAL DISCRIMINATION	14/725,440		2015-05-29
DEVICE CONTACT AVOIDANCE FOR BODY AREA NETWORK	14/721,358		2015-05-26
Scheduling in cellular networks	14/806,319		2015-07-22
APPARATUS, SYSTEMS AND METHODS FOR MOBILE NETWORK POSITIONING OF MTC DEVICES USING COMMON REFERENCE OR SYNCHRONIZATION SIGNALS	14/806,091		2015-07-22
POSITIONING OF MTC DEVICES USING COMMON REFERENCE OR	14/719,436		2015-05-22
SYNCHRONIZATION SIGNALS	14/700,765		2015-04-30
METHOD AND APPARATUS FOR POSITIONING A MOBILE TERMINAL IN A RADIO NETWORK	14/696,798		2015-04-27
DRY/WET TOUCH SCREEN	13/945,870	9,134,866	2013-07-18

14

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REEL: 046887 FRAME: 0756