

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT4796993

|                              |                |
|------------------------------|----------------|
| <b>SUBMISSION TYPE:</b>      | NEW ASSIGNMENT |
| <b>NATURE OF CONVEYANCE:</b> | ASSIGNMENT     |

**CONVEYING PARTY DATA**

| Name  | Execution Date |
|---|----------------|
| HONG FU JIN PRECISION INDUSTRY (SHENZHEN) CO., LTD. | 12/29/2017     |
| HON HAI PRECISION INDUSTRY CO., LTD.                | 12/29/2017     |

**RECEIVING PARTY DATA**

|                        |  |
|------------------------|--|
| <b>Name:</b>           | NANNING FUGUI PRECISION INDUSTRIAL CO., LTD. |
| <b>Street Address:</b> | NO.51,TONGLE ROAD, JIANGNAN DISTRICT,        |
| <b>City:</b>           | NANNING, GUANGXI PROVINCE                    |
| <b>State/Country:</b>  | CHINA  |

**PROPERTY NUMBERS Total: 74**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 14879659 |
| Application Number: | 15153746 |
| Application Number: | 14862680 |
| Application Number: | 14886283 |
| Application Number: | 14921105 |
| Application Number: | 14956288 |
| Application Number: | 14862718 |
| Application Number: | 14926004 |
| Application Number: | 15263329 |
| Application Number: | 14980309 |
| Application Number: | 14512586 |
| Application Number: | 14983599 |
| Application Number: | 14886233 |
| Application Number: | 15252232 |
| Application Number: | 15235225 |
| Application Number: | 15191545 |
| Application Number: | 15205193 |
| Application Number: | 15191852 |
| Application Number: | 15381124 |
| Application Number: | 15235390 |

PATENT

| <b>Property Type</b>       | <b>Number</b> |
|----------------------------|---------------|
| <b>Application Number:</b> | 15011634      |
| <b>Application Number:</b> | 15252235      |
| <b>Application Number:</b> | 15250956      |
| <b>Application Number:</b> | 15008596      |
| <b>Application Number:</b> | 15009170      |
| <b>Application Number:</b> | 15203805      |
| <b>Application Number:</b> | 15200151      |
| <b>Application Number:</b> | 15408366      |
| <b>Application Number:</b> | 15468134      |
| <b>Patent Number:</b>      | 9787730       |
| <b>Patent Number:</b>      | 9787810       |
| <b>Patent Number:</b>      | 9774371       |
| <b>Patent Number:</b>      | 9746597       |
| <b>Patent Number:</b>      | 9837766       |
| <b>Patent Number:</b>      | 9804680       |
| <b>Patent Number:</b>      | 9793878       |
| <b>Patent Number:</b>      | 9742410       |
| <b>Patent Number:</b>      | 7573433       |
| <b>Patent Number:</b>      | 7382321       |
| <b>Patent Number:</b>      | 7405699       |
| <b>Patent Number:</b>      | 8060036       |
| <b>Patent Number:</b>      | 7812768       |
| <b>Patent Number:</b>      | 7746062       |
| <b>Patent Number:</b>      | 7821469       |
| <b>Patent Number:</b>      | 8340007       |
| <b>Patent Number:</b>      | 7926980       |
| <b>Patent Number:</b>      | 8079856       |
| <b>Patent Number:</b>      | 8300066       |
| <b>Patent Number:</b>      | 8202565       |
| <b>Patent Number:</b>      | 7837400       |
| <b>Patent Number:</b>      | 7855984       |
| <b>Patent Number:</b>      | 7872547       |
| <b>Patent Number:</b>      | 8248191       |
| <b>Patent Number:</b>      | 8467911       |
| <b>Patent Number:</b>      | 8626325       |
| <b>Patent Number:</b>      | 8438384       |
| <b>Patent Number:</b>      | 8584252       |
| <b>Patent Number:</b>      | 9047861       |

| Property Type  | Number  |
|----------------|---------|
| Patent Number: | 8912763 |
| Patent Number: | 9424855 |
| Patent Number: | 8774061 |
| Patent Number: | 9378341 |
| Patent Number: | 9198130 |
| Patent Number: | 9307445 |
| Patent Number: | 9578420 |
| Patent Number: | 9350361 |
| Patent Number: | 9204391 |
| Patent Number: | 9722695 |
| Patent Number: | 9654974 |
| Patent Number: | 9525887 |
| Patent Number: | 9543704 |
| Patent Number: | 9608322 |
| Patent Number: | 9509104 |
| Patent Number: | 9686511 |

**CORRESPONDENCE DATA**

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|                    |              |
|--------------------|--------------|
| NAME OF SUBMITTER: | ZHIGANG MA   |
| SIGNATURE:         | /Zhigang Ma/ |
| DATE SIGNED:       | 01/29/2018   |

**Total Attachments: 6**

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ASSIGNMENT OF U.S. PATENTS

WHEREAS, **HONG FU JIN PRECISION INDUSTRY (ShenZhen) CO., LTD.** having a principal place of business at No. 2, 2nd Donghuan Road, Longhua Town, Baoan District, Shenzhen City, Guangdong Province 518109, P.R.C. and **HON HAI PRECISION INDUSTRY CO., LTD.** having a principal place of business at 66, Chung Shan Road, Tu-Cheng Dist., New Taipei City, Taiwan, R.O.C. are the owners of the U.S. patents listed in Exhibit A hereto by virtue of assignments recorded in the United States Patent and Trademark Office, also as listed in Exhibit A hereto; and

WHEREAS, **NANNING FUGUI PRECISION INDUSTRIAL CO., LTD.** having a principal place of business at NO.51, Tongle Road, Jiangnan District, Nanning, GuangXi Province, P.R.C. is desirous of acquiring, and **HONG FU JIN PRECISION INDUSTRY (ShenZhen) CO., LTD.** and **HON HAI PRECISION INDUSTRY CO., LTD.** is desirous of selling, all titles and interests of the identified U.S. patents to be obtained therefrom.

THEREFORE, the parties hereto agree as follows:

AGREEMENT

1. For valuable considerations, the receipt of which is hereby acknowledged, **HONG FU JIN PRECISION INDUSTRY (ShenZhen) CO., LTD.** and **HON HAI PRECISION INDUSTRY CO., LTD.** hereby agree to sell, assign and transfer to **NANNING FUGUI PRECISION INDUSTRIAL CO., LTD.** the entire right, title and interest in the patents listed in Exhibit A hereto and any divisions or continuations thereof, and any reissues or extensions of the listed and any of the U.S. patents in Exhibit A hereto. The Commissioner of the U.S. Patent and Trademark Office is hereby authorized and requested to issue such U.S. patents to **NANNING FUGUI PRECISION INDUSTRIAL CO., LTD.**

2. **HONG FU JIN PRECISION INDUSTRY (ShenZhen) CO., LTD.** and **HON HAI PRECISION INDUSTRY CO., LTD.** hereby covenant that they have full right to convey the entire right, title

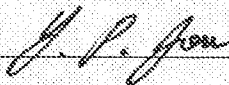


and interest in the U.S. patents listed in Exhibit A hereto, and have not executed and will not execute any agreement in conflict herewith.

3. HONG FU JIN PRECISION INDUSTRY (ShenZhen) CO., LTD. and HON HAI PRECISION INDUSTRY CO., LTD. further covenant that they will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title in U.S. patents listed in Exhibit A hereto, and if NANNING FUGUI PRECISION INDUSTRIAL CO., LTD. or its assignee, desires to secure a reissue or extension of a U.S. patent, or to file a disclaimer relating thereto, that they will upon request, sign all papers, make all rightful oaths and declarations, and do all lawful acts requisite for the such purposes.

Executed and delivered this 29 day of Dec, 2017, by and between:

**HON HAI PRECISION INDUSTRY CO., LTD.**

By: 

Name: Y.P. Jou

Title: Authorized Representative

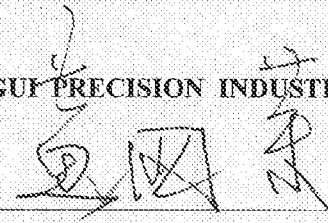
**HONG FU JIN PRECISION INDUSTRY (ShenZhen) CO., LTD.**

By: 

Name: Huan-Rong Chu

Title: Authorized Representative

**NANNING FUGUI PRECISION INDUSTRIAL CO., LTD.**

By: 

Name: HUANG, KUO-JUNG

Title: Authorized Representative



**Exhibit A:**

| <u>Application No.</u> | <u>Application Date</u> | <u>Case Name</u>   |
|------------------------|-------------------------|--|
| 14/946984              | 2015/11/20              | OPTICAL NETWORK UNIT AND OPTICAL DETECTING METHOD  |
| 14/739071              | 2015/6/15               | MOBILE DEVICE AND METHOD FOR UNLOCKING SCREEN OF MOBILE DEVICE                                     |
| 15/235115              | 2016/8/12               | POSITIONING SYSTEM AND METHOD FOR IMAGE CAPTURING DEVICES  |
| 14/879659              | 2015/10/9               | ELECTRONIC DEVICE AND METHOD FOR SEEKING HELP IN A SOCIAL NETWORK                                  |
| 15/153746              | 2016/5/13               | ELECTRONIC DEVICE AND STORAGE INITIALIZATION METHOD  |
| 14/847892              | 2015/9/8                | DATA SHARING METHOD AND ELECTRONIC DEVICE USING SAME   |
| 14/862680              | 2015/9/23               | SYSTEM AND METHOD FOR BEFOREHAND DOWNLOADING VIDEO   |
| 14/886283              | 2015/10/19              | MACHINE TYPE COMMUNICATION METHOD AND MTC DEVICE USING SAME  |
| 14/921105              | 2015/10/23              | TERMINAL DEVICE, SYSTEM FOR CONTROLLING VIRTUAL MACHINE AND METHOD EMPLOYING THE SAME              |
| 14/956288              | 2015/12/1               | CLOUD AGENT DEVICE, CLOUD STORAGE AND FILE TRANSFERRING METHOD                                     |
| 14/862718              | 2015/9/23               | NETWORK DEVICE AND METHOD FOR CHANNEL QUALITY ESTIMATION   |
| 14/926004              | 2015/10/29              | DUAL-PROCESSOR ELECTRONIC DEVICE AND METHOD FOR QUICK BOOT UP                                      |
| 15/263329              | 2016/9/12               | SATELLITE FINDING APPARATUS AND SATELLITE FINDING METHOD   |
| 14/980309              | 2015/12/28              | POWER PROCESSING CIRCUIT, TWO-PATH POWER PROCESSING CIRCUIT AND MULTIPLEX POWER PROCESSING CIRCUIT |
| 14/512586              | 2014/10/13              | COMPUTING DEVICE AND DATA RECOVERY METHOD FOR DISTRIBUTED FILE SYSTEM                              |
| 14/983599              | 2015/12/30              | METHOD AND MULTI-MEDIA DEVICE FOR VIDEO COMMUNICATION  |
| 14/886233              | 2015/10/19              | MONITOR DEVICE AND DYNAMIC OBJECT MONITORING METHOD  |
| 15/252232              | 2016/8/31               | COMMUNICATION METHOD AND ELECTRONIC DEVICE USING THE SAME  |
| 15/235225              | 2016/8/12               | POWER DIVIDING CIRCUIT AND POWER DIVIDER   |
| 15/242736              | 2016/8/22               | ANGLE ADJUSTING MECHANISM FOR TELEPHONE  |
| 15/235203              | 2016/8/12               | NEAR FIELD COMMUNICATION DEVICE AND SYSTEM   |
| 15/191545              | 2016/6/24               | SCREEN DISPLAY RATIO ADJUSTING APPARATUS AND METHOD  |

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|           |            |   |
|-----------|------------|---|
| 14/613498 | 2015/2/4   | LIGHT PIPE AND HOUSING ASSEMBLY USING THE SAME  |
| 15/205193 | 2016/7/8   | AUTOMATED INSERTING DEVICE FOR WORKPIECE ASSEMBLY   |
| 15/211204 | 2016/7/15  | USB WIRELESS DONGLE   |
| 15/191852 | 2016/6/24  | PROTECTIVE HOUSING AND COVER MECHANISM THEREOF  |
| 14/927474 | 2015/10/30 | COMPUTING DEVICE AND METHOD FOR GENERATING GESTURES   |
| 15/381124 | 2016/12/16 | METHOD FOR OUTPUT CONTROL OF VIDEOS FROM MULTIPLE AVAILABLE SOURCES AND USER TERMINAL USING THE SAME                  |
| 14/985725 | 2015/12/31 | POWER DIVIDING AND COMBINING CIRCUIT HAVING FILTERING FUNCTION  |
| 15/235390 | 2016/8/12  | POWER DIVIDING CIRCUIT AND POWER DIVIDER  |
| 15/011634 | 2016/1/31  | OPENFLOW CONTROLLER AND SWITCH INSTALLING AN APPLICATION  |
| 15/235400 | 2016/8/12  | PROGRAMMING SYSTEM AND METHOD   |
| 15/252235 | 2016/8/31  | DYNAMIC NETWORK LOAD REGULATING DEVICE AND METHOD THEREFOR  |
| 15/250956 | 2016/8/30  | IMAGE PROCESSING SYSTEM AND METHOD  |
| 15/008596 | 2016/1/28  | VIDEO DECODING METHOD   |
| 15/009170 | 2016/1/28  | DOCKING APPARATUS AND CONTROL METHOD THEREOF  |
| 15/203805 | 2016/7/7   | VOLUME ADJUSTMENT METHOD AND COMMUNICATION DEVICE USING THE SAME  |
| 15/200151 | 2016/7/1   | BRANCH-LINE COUPLER   |
| 15/408366 | 2017/1/17  | COLLECTION AND PROCESSING METHOD FOR INFORMATION AS TO VIEWING OF VIDEOS BY USER AND DEVICE AND SERVER USING THE SAME |
| 15/468134 | 2017/3/24  | OBJECT TRACKING SYSTEM AND METHOD   |
| 11/616886 | 2006/12/28 | DUAL-BAND ANTENNA AND MIMO ANTENNA USING THE SAME   |
| 11/616900 | 2006/12/28 | BROADBAND ANTENNA   |
| 11/615018 | 2006/12/22 | MULTIPLE INPUT MULTIPLE OUTPUT ANTENNA  |
| 12/331371 | 2008/12/9  | WIRELESS TERMINAL DEVICE AND METHOD OF ESTABLISHING COMMUNICATION CONNECTION WITH AN ACCESS POINT                     |
| 12/185107 | 2008/8/3   | MULTIPLE INPUT MULTIPLE OUTPUT ANTENNA  |
| 12/185110 | 2008/8/3   | RADIO FREQUENCY TESTING SYSTEM AND TESTING CIRCUIT UTILIZED THEREBY   |

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|-----------|------------|--|
| 12/206725 | 2008/9/8   | PRINTED ANTENNA  |
| 12/429159 | 2009/4/23  | WIRELESS DEVICE, PAIRING METHOD, AND UNPAIRING METHOD                                  |
| 12/247991 | 2008/10/8  | ELECTRONIC DEVICE  |
| 12/423819 | 2009/4/15  | ROTATABLE ON-OFF POWER CONNECTOR   |
| 12/535039 | 2009/8/4   | MOBILE TERMINAL AND METHOD FOR DISPLAYING IMAGES THEREON                               |
| 12/603647 | 2009/10/22 | FLUX SPRAYING SYSTEM AND METHOD  |
| 12/406040 | 2009/3/17  | OPTOELECTRONIC TRANSCEIVER ASSEMBLY AND RELEASE MECHANISM EMPLOYED THEREIN             |
| 12/420808 | 2009/4/8   | WIRELESS COMMUNICATION DEVICE  |
| 12/400784 | 2009/3/9   | WIRELESS COMMUNICATION DEVICE  |
| 12/699248 | 2010/2/3   | MICROSTRIP FILTER  |
| 12/915060 | 2010/10/29 | ENERGY MANAGEMENT DEVICE AND METHOD  |
| 12/953481 | 2010/11/24 | AUDIO DEVICE AND METHOD FOR APPENDING IDENTIFICATION DATA INTO AUDIO SIGNALS           |
| 13/012815 | 2011/1/25  | SYSTEM AND METHOD FOR PERFORMING MUTUAL AUTHENTICATION                                 |
| 13/163743 | 2011/6/20  | ELECTRONIC DEVICE AND COPYRIGHT PROTECTION METHOD OF AUDIO FILE THEREOF                |
| 13/302912 | 2011/11/22 | ELECTRONIC DEVICE FOR CONVERTING AUDIO FILE FORMAT                                     |
| 13/447287 | 2012/4/16  | CHARGER DEVICE   |
| 13/684572 | 2012/11/25 | AUDIO DEVICE AND METHOD FOR ADDING WATERMARK DATA TO AUDIO SIGNALS                     |
| 13/483058 | 2012/5/30  | VOIP SERVER AND METHOD FOR MANAGING GEOGRAPHICAL INFORMATION                           |
| 14/100187 | 2013/12/9  | ELECTRONIC DEVICE AND AUDIO PROCESSING METHOD  |
| 13/869899 | 2013/4/24  | NODE IN A WIRELESS SENSOR NETWORK AND METHOD FOR ACTIVATING THE NODE                   |
| 14/486408 | 2014/9/15  | APPARATUS AND METHOD FOR TRANSMITTING DATA PACKETS OF NODES IN WIRELESS SENSOR NETWORK |
| 14/479011 | 2014/9/5   | AUDIO CONTROL CIRCUIT CAPABLE OF PROCESSING BOTH DIGITAL AND ANALOG AUDIO SIGNALS      |
| 14/141482 | 2013/12/27 | CLOCK SIGNAL GENERATING CIRCUIT AND VIDEO SIGNAL PROCESSING CIRCUIT USING SAME         |
| 14/058346 | 2013/10/21 | POWER MANAGEMENT DEVICE AND METHOD OF WIRELESS SENSOR NETWORK                          |





|           |            |  |
|-----------|------------|--|
| 14/261436 | 2014/4/25  | METHOD FOR PROCESSING AND COMPRESSING THREE-DIMENSIONAL VIDEO DATA |
| 14/954978 | 2015/11/30 | POWER ADAPTER  |
| 14/824776 | 2015/8/12  | ELECTRONIC DEVICE HAVING ANTENNA                                   |
| 14/861072 | 2015/9/22  | CONNECTOR ASSEMBLIES AND ELECTRONIC DEVICES WITH THE SAME          |

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