## 505253212 12/26/2018

# PATENT ASSIGNMENT COVER SHEET

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1.1 EPAS ID: PAT5299982

| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

#### **CONVEYING PARTY DATA**

| Name         | Execution Date |
|--------------|----------------|
| WEIGUO ZHANG | 12/11/2018     |
| JIAWEI YAN   | 12/11/2018     |

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| State/Country:  | CHINA  |

## **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 16233048 |

## **CORRESPONDENCE DATA**

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| SIGNATURE:              | /Zhigang Ma/ |
| DATE SIGNED:            | 12/26/2018   |

**Total Attachments: 2** 

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PATENT 505253212 REEL: 047985 FRAME: 0338

#### ASSIGNMENT

# WHEREAS, ASSIGNOR,

| 1. ZHANG, WEIGUO   | , residing at    | A-33, 1/P, SHAANXI HUIDE SCIENCE<br>AND TECHNOLOGY PARK, NO. 32.<br>HIGH-TECH ZONE, XTAN, SHAANXI<br>PROVINCE |
|--|------------------|---|
| 2. YAN, HAWEI  | , residing at    | A-33, I/F, SHAANXI HUIDE SCIENCE<br>AND TECHNOLOGY PARK, NO. 32,<br>HIGH-TECH ZONE, XEAN, SHAANXI<br>PROVINCE |
| 3.   | , residing at    |   |
| (collectively referred to as AS                          | SSIGMOR).        |   |
| [x] is concurrently filed here                           | with; or         | METHOD FOR CDMA SYSTEM, AND MOBILE COMMUNICATION SYSTEM 彩養協業  |
| [ ] was previously filed on _                            |                  | rith Application No   |
| AND, ASSIGNEE,   |                  |   |
| I, XPAN KERUI SHENG<br>INNOVATION<br>TECHNOLOGY CO. LTD. | , having office: | SCIENCE AND<br>TECHNOLOGY PARK, NO.<br>32, HIGH-TECH ZONE,<br>XI'AN, SHAANXI                                  |
|  | ***              | PROVINCE  |
| (collectively referred to as A5                          | , baving office: |   |

desires to own ASSIGNOR's entire right, title, and interest in and to the invention and in and to the above-described U.S. patent application.

NOW THEREFORE, be it known for one U.S. dollar (US\$1) and other good and valuable consideration, receipt of which is hereby acknowledged. ASSIGNOR hereby assigns, transfers and sets over to ASSIGNEE, its lawful successors and assigns. ASSIGNOR's entire right, title, and interest in and to the invention and the U.S. patent application as described above, and other patent application, including but not limited to any continuing application, directed or to be directed to the invention, and all Letters Patent of the United States that may be granted therein, and all reissues, reexaminations, and extensions thereof; and all rights to claim priority on the basis of such application; and all applications for Letters Patent that may be filed for the

PATENT REEL: 047985 FRAME: 0339 invention in any other country and all Letters Patent that may be granted on the invention in any other country, and all extensions, renewals, reissues thereof; and ASSIGNOR hereby authorizes and requests the Commissioner for Patents of the United States and any official of any other country whose duty is to issue patents on patent applications, to issue all Letters Patent for this invention to ASSIGNEE, its successors and assigns, in accordance with the terms of this Assignment;

AND, ASSIGNOR HEREBY further covenants that ASSINOR has the full right to convey the interest assigned by this Assignment, ASSIGNOR will take all action and execute all documents necessary to perfect the interest assigned hereby, and ASSIGNOR has not executed and will not execute any agreement in conflict with this Assignment;

AND, ASSIGNOR HEREBY further covenants and agrees that ASSIGNOR will, without further consideration, communicate with ASSIGNEE, its successors and assigns, any facts known to ASSIGNOR respecting the invention and testify in any legal proceeding, sign all lawful papers that may be necessary or desirable to perfect the fitte to the invention in said ASSIGNEE, its successors and assigns, execute all rightful oaths, and generally do everything possible to aid ASSIGNEE, its successors and assigns, to prosecute any patent application described above and obtain and enforce proper patent protection for the invention in the United States and in any other country, it being understood that any expense incident to the execution of such papers shall be borde by ASSIGNEE, its successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNOR has executed his Assignment the day and year below written.

| 张卫辽                            | Date: 2018-12-11       |
|--------------------------------|------------------------|
| (ZHANG. WEIGLO)  (YAN. JIAWEI) | Daux <u>2018-12-11</u> |
|                                | Date:                  |

PATENT REEL: 047985 FRAME: 0340

**RECORDED: 12/26/2018**