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| <b>PATENT ASSIGNMENT COVER SHEET</b> |
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| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT  |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT  |
| <b>CONVEYING PARTY DATA</b>   |   |
| <b>Name</b>   | <b>Execution Date</b>                                 |
| JIALIANG ZHANG  | 07/21/2016  |
| KEWEI WU  | 07/21/2016  |
| JUN ZHANG   | 07/21/2016  |
| FUCHUN LIAO   | 07/22/2016  |
| YUANXIANG HU  | 07/21/2016  |
| <b>RECEIVING PARTY DATA</b>   |   |
| <b>Name:</b>  | GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.  |
| <b>Street Address:</b>  | NO. 18, HAIBIN ROAD, WUSHA, CHANG'AN                  |
| <b>City:</b>  | DONGGUAN, GUANGDONG                                   |
| <b>State/Country:</b>   | CHINA   |
| <b>Postal Code:</b>   | 523860  |
| <b>PROPERTY NUMBERS Total: 1</b>  |   |
| <b>Property Type</b>  | <b>Number</b>   |
| <b>Application Number:</b>  | 15900281  |
| <b>CORRESPONDENCE DATA</b>  |   |
| <b>Fax Number:</b>  | (720)931-3001   |
| <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> |   |
| <b>Phone:</b>   | 720-931-3000  |
| <b>Email:</b>   | patent@lathropgage.com, lchristiansen@lathropgage.com |
| <b>Correspondent Name:</b>  | LATHROP GAGE LLP                                      |
| <b>Address Line 1:</b>  | 2440 JUNCTION PLACE                                   |
| <b>Address Line 2:</b>  | SUITE 300   |
| <b>Address Line 4:</b>  | BOULDER, COLORADO 80301                               |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 599712  |
| <b>NAME OF SUBMITTER:</b>   | PHILIP DIZEREGA                                       |
| <b>SIGNATURE:</b>   | /Philip diZerega/                                     |
| <b>DATE SIGNED:</b>   | 02/20/2018  |
| <b>Total Attachments: 3</b>   |   |

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**ASSIGNMENT**

WE, **Jialiang Zhang** of Dongguan, China; **Kewei Wu** of Dongguan, China; **Jun Zhang** of Dongguan, China; **Fuchun Liao** of Dongguan, China; and **Yuanxiang Hu** of Dongguan, China ("Inventors"), have invented a certain new and useful

**TERMINAL AND BATTERY CHARGING CONTROL DEVICE AND METHOD THEREFOR**

for which we have filed, U.S. Patent Application on

**GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.**, having its principal place of business at **No. 18, Haibin Road, Wusha, Chang'an, Dongguan, Guangdong 523860, China** ("Company"), is desirous of acquiring all rights, title, and interests in and to Inventors' invention, all patent applications for the invention, and all patents which may be granted for or upon the invention and applications in the United States of America and anywhere in the world.

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Inventors irrevocably assign and transfer to Company the full and exclusive right, title, and interest, throughout the world, in and to the following:

- (a) the invention as set forth and described, for example, in the patent application specification(s) accompanying Inventors' executed declarations;
- (b) all United States patent applications for the invention;
- (c) any and all refilings, divisions, continuations, and continuations-in-part of those United States patent applications;
- (d) any and all patents of the United States of America which may issue from any of the above items;
- (e) any and all reissue and reexamination certificates of those United States patents;
- (f) any and all applications for the invention filed in any and all countries foreign to the United States of America;
- (g) any and all refilings, divisions, and continuations of those foreign-filed applications;
- (h) any and all patents, certificates, and registrations of countries foreign to the United States of America which may issue from those foreign-filed applications, refilings, divisions, and continuations;

- (i) any and all extensions of, and additions to, the foreign-filed applications and patents, certificates, and registrations related thereto; and
- (j) any and all claims, causes of action, and damages for past, present, and future infringement or other unauthorized use of the above items, along with the right to sue for and to collect damages and other relief.

Inventors further agree that upon request Inventors will promptly provide Company or its legal representatives all pertinent facts and documents relating to the invention and all other items listed above, and Inventors will testify as to the same in any interference, litigation, or proceeding related thereto. Further, Inventors will promptly execute and deliver to Company or its legal representatives any and all papers, instruments, and affidavits required to apply for, obtain, maintain, issue, and enforce all of the items listed above.

All of the above shall be held and enjoyed by Company and its successors, legal representatives, and assigns for their own use and benefit, for the full term for which the protections listed above may be granted, and Inventors hereby authorize and request the Commissioner of Patents and Trademarks to issue patents to Company in accordance with this Assignment.

This Assignment does not create any agency, employment, or partnership relationship between the parties. Unless set forth in a separate writing signed by Company, Inventors have no right or interest in any proceeds related in any way to the items listed above.

This Assignment is an integrated agreement that contains the entire understanding between the Parties regarding the matters addressed herein and may not be amended, extended or otherwise modified except by written agreement of the parties. This Assignment shall prevail over all prior communications between and among the parties or their representatives regarding the matters addressed herein.

The parties expressly agree that this Assignment shall not be construed against any party on the ground that such party was responsible for the preparation of this Assignment, or on any related ground. All terms contained herein shall be construed as singular, plural, masculine, feminine, or neuter, as context requires.

Should any provision of this Assignment be determined to be void, unenforceable, or against public policy, such provision may be altered in time or scope in order to give effect to such provision. If such alteration is not possible, such provision shall be deemed severed from this Assignment and the balance of this Assignment shall remain in full force and effect, so long as the original intent of this Assignment remains substantially intact.

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IN WITNESS WHEREOF, this Assignment is executed on the date(s) set forth below.

Inventors:

2016-7-21  
Date

Jialiang Zhang  
Jialiang Zhang

2016-7-21  
Date

Kewei Wu  
Kewei Wu

2016-7-21  
Date

Jun Zhang  
Jun Zhang

2016-7-22  
Date

Fuchun Liao  
Fuchun Liao

2016-7-21  
Date

Yuanxiang Hu  
Yuanxiang Hu