#### 505813179 12/10/2019

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT5860008 Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

#### **CONVEYING PARTY DATA**

| Name         | Execution Date |
|--------------|----------------|
| DOYOUNG PARK | 12/17/2018     |
| YOUNGHO KIM  | 12/17/2018     |
| YOUNGJOO CHO | 12/17/2018     |

#### **RECEIVING PARTY DATA**

| Name:           | LG ELECTRONICS INC.               |
|-----------------|-----------------------------------|
| Street Address: | 128, YEOUI-DAERO, YEONGDEUNGPO-GU |
| City:           | SEOUL                             |
| State/Country:  | KOREA, REPUBLIC OF                |
| Postal Code:    | 07336                             |

#### **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 35507614 |

#### **CORRESPONDENCE DATA**

**Fax Number:** (703)205-8050

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.

**Phone:** 7032058000

**Email:** mailroom@bskb.com, thuy-kim.t.nguyen@bskb.com

**Correspondent Name:**BIRCH STEWART KOLASH & BIRCH LLP **Address Line 1:**8110 GATEHOUSE ROAD, SUITE 100E

Address Line 4: FALLSCHURCH, VIRGINIA 22042

| ATTORNEY DOCKET NUMBER: | 0465-7245PUS1        |
|-------------------------|----------------------|
| NAME OF SUBMITTER:      | THUY-KIM T. NGUYEN   |
| SIGNATURE:              | /Thuy-Kim T. Nguyen/ |
| DATE SIGNED:            | 12/10/2019           |

**Total Attachments: 2** 

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PATENT 505813179 REEL: 051235 FRAME: 0497

# BIRCH, STEWART, KOLASCH & BIRCH, LLP

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### **ASSIGNMENT**

| Application<br>No.,                   | 35/507,614   | Filed:   | April 19, 2019   |
|---------------------------------------|--|--|--|
| Insert Name(s<br>of<br>Inventor(s)    | ***\Given Name FAMILY<br>FWHEREAS,<br>(hereinafter designated  | ·  | signed) has (have) invented certain new and useful improvements in:  |
| Insert Title of<br>Invention          | MOBILE PHONE   |  |  |
|                                       | for which an applicat<br>undersigned (except in  |  | ers Patent of the United States of America has been executed by the provisional application)   |
| Insert Date of<br>Signing of<br>Apple | on Decen   | nber 17, 201   | ; and  |
| insert Name<br>of Assignee            | WHEREAS, LG Electron   | nics Inc.  |  |
| insert Address<br>of Assignee         | of 128, Yeoui-daero, Yeo   | ongdeungpo-g   | gu, Seoul, 07336, Republic of Korea,   |
|                                       |  | nt, title and int  | atives and assigns (hereinafter designated as the Assignee) is desirous of<br>derest in and to said invention and in and to any Letters Patent(s) that ma<br>des of America and  |
| Check Box if<br>Appropriate           | in any foreign cou   | ntries.  |  |
|                                       | undersigned has (have)<br>unto said Assignee the<br>territories, dependencie<br>Patent(s) which may b<br>possessions, and if the | sold, assigned<br>told and exc<br>and possess<br>granted the<br>box above is o | valuable consideration, the receipt of which is hereby acknowledged, the dand transferred, and by these presents does (do) sell, assign and transfer clusive right to the said invention in the United States of America, it stons and the entire right, title and interest in and to any and all Letter erefor in the United States of America, its territories, dependencies and designated, in any and all foreign countries; and to any and all divisions and extensions thereof for the full term or terms for which the same man |

<OrgName>

Page T

BSKB-ASSIGN-SINGLE (09-12) FTE/edr The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of (a) valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patent(s) resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment. In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s)

| <orgname></orgname>    |                     | Page 2                   | B9KB-A98(GN-818)GLE (99-12 |
|------------------------|---------------------|--------------------------|----------------------------|
|                        | •••                 | (Signature)              |                            |
| Date                   | Name of<br>haventor |                          |                            |
|                        |                     | (Signature)              |                            |
| Date                   | Name of<br>Inventor |                          |                            |
| Date December 17, 2018 | Name of<br>Inventor | (Signature) Youngjoo CHO |                            |
| Date December 17, 2018 | Name of<br>Inventor | (Signature) Youngho KIM  |                            |
| Date December 17, 2018 | inventor            | (Signature) Doyoung PARK |                            |
| 25 Docombox 37, 2038   | Name of             | Any-                     |                            |

PATENT REEL: 051235 FRAME: 0499

<RSP>/<WRE>/<usr>

**RECORDED: 12/10/2019**