

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

| SUBMISSION TYPE:  | NEW ASSIGNMENT                           |               |                |                     |            |              |            |          |            |
|---|--|---------------|----------------|---------------------|------------|--------------|------------|----------|------------|
| NATURE OF CONVEYANCE:   | ASSIGNMENT                               |               |                |                     |            |              |            |          |            |
| CONVEYING PARTY DATA  |  |               |                |                     |            |              |            |          |            |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jung Chul Gong</td> <td>04/26/2013</td> </tr> <tr> <td>Jong Rok Kim</td> <td>04/26/2013</td> </tr> <tr> <td>Hwan Cho</td> <td>04/26/2013</td> </tr> </tbody> </table> |  | Name          | Execution Date | Jung Chul Gong      | 04/26/2013 | Jong Rok Kim | 04/26/2013 | Hwan Cho | 04/26/2013 |
| Name  | Execution Date                           |               |                |                     |            |              |            |          |            |
| Jung Chul Gong  | 04/26/2013                               |               |                |                     |            |              |            |          |            |
| Jong Rok Kim  | 04/26/2013                               |               |                |                     |            |              |            |          |            |
| Hwan Cho  | 04/26/2013                               |               |                |                     |            |              |            |          |            |
| RECEIVING PARTY DATA  |  |               |                |                     |            |              |            |          |            |
| Name:   | SAMSUNG ELECTRO-MECHANICS CO., LTD.      |               |                |                     |            |              |            |          |            |
| Street Address:   | 150, Maeyeong-ro, Yeongtong-gu, Suwon-si |               |                |                     |            |              |            |          |            |
| City:   | Gyeonggi-do                              |               |                |                     |            |              |            |          |            |
| State/Country:  | KOREA, REPUBLIC OF                       |               |                |                     |            |              |            |          |            |
| PROPERTY NUMBERS Total: 1   |  |               |                |                     |            |              |            |          |            |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13956298</td> </tr> </tbody> </table>   |  | Property Type | Number         | Application Number: | 13956298   |              |            |          |            |
| Property Type   | Number                                   |               |                |                     |            |              |            |          |            |
| Application Number:   | 13956298                                 |               |                |                     |            |              |            |          |            |
| CORRESPONDENCE DATA   |  |               |                |                     |            |              |            |          |            |
| Fax Number:   | 4087208383                               |               |                |                     |            |              |            |          |            |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>  |  |               |                |                     |            |              |            |          |            |
| Phone:  | (408) 720-8300                           |               |                |                     |            |              |            |          |            |
| Email:  | alexis_karriker@bstz.com                 |               |                |                     |            |              |            |          |            |
| Correspondent Name:   | BLAKELY SOKOLOFF TAYLOR & ZAFMAN         |               |                |                     |            |              |            |          |            |
| Address Line 1:   | 1279 Oakmead Parkway                     |               |                |                     |            |              |            |          |            |
| Address Line 4:   | Sunnyvale, CALIFORNIA 94085-4040         |               |                |                     |            |              |            |          |            |
| ATTORNEY DOCKET NUMBER:   | 009237.P164                              |               |                |                     |            |              |            |          |            |
| NAME OF SUBMITTER:  | Eric S. Hyman                            |               |                |                     |            |              |            |          |            |
| Signature:  | /eric s hyman/                           |               |                |                     |            |              |            |          |            |
| Date:   | 07/31/2013                               |               |                |                     |            |              |            |          |            |

This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 4**

source=9237p164\_DecAsgnPoA\_073113#page1.tif

source=9237p164\_DecAsgnPoA\_073113#page2.tif

source=9237p164\_DecAsgnPoA\_073113#page3.tif

source=9237p164\_DecAsgnPoA\_073113#page4.tif



**DECLARATION, ASSIGNMENT, AND POWER OF ATTORNEY— Utility or Design Patent Application**

**APPOINTMENT OF PATENT PRACTITIONERS:**

I hereby appoint Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s) to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith: 08791

If this patent application is assigned, then each of the undersigned hereby authorizes the patent attorneys and patent agents named herein to accept and follow instructions from the assignee(s) as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between (1) the patent attorneys and patent agents and (2) each of the undersigned. In the event of a change in the persons from whom instructions may be taken, at least one patent attorney or patent agent named herein will be so notified by at least one of the undersigned

|   |  |                        |   |
|---|--|------------------------|---|
| Direct all correspondence to: <input checked="" type="checkbox"/>       | The address associated with Customer Number: <span style="border: 1px solid black; padding: 2px;">08791</span> | OR                     | Correspondence address below <input type="checkbox"/> |
| Name  |  |                        |   |
| Address<br>BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP<br>1279 Oakmead Parkway |  |                        |   |
| City<br>Sunnyvale   | State<br>California  | Zip<br>94085-4040      |   |
| Country<br>U.S.A.   | Telephone<br>(408) 720-8300  | Email<br>MAIL@BSTZ.com |   |

**ASSIGNMENT OF PATENT APPLICATION:**

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the below-named inventor(s), hereby sell, assign, and transfer to SAMSUNG ELECTRO-MECHANICS CO., LTD.  
a \_\_\_\_\_ of \_\_\_\_\_,  
(Type of Assignee: e.g., corporation, company, partnership, university, etc.)

having a principal place of business at \_\_\_\_\_  
150, Maeyeong-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea

("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the above identified application and in and to said application and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the below named inventor(s).

**DECLARATION, ASSIGNMENT, AND POWER OF ATTORNEY— Utility or Design Patent Application**

**WARNING:**


Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available. Petitioner/applicant is advised that documents which form the record of a patent application (such as the PTO/SB/01) are placed into the Privacy Act system of records DEPARTMENT OF COMMERCE, COMMERCE-PAT-7, System name: *Patent Application File*. Documents not retained in an application file (such as the PTO-2038) are placed into the Privacy Act system of COMMERCE/PAT-TM-10, System name: *Deposit Accounts and Electronic Funds Transfer Profiles*.

**Legal Name of Sole or First Inventor:**

(E.g., Given Name (first and middle (if any)) and Family Name or Surname)

**GONG, Jung Chul**

Inventor's Signature



Date

2013. 4. 26

Residence: City  
Suwon-si

State  
Gyeonggi-do

Country  
Republic of Korea

Mailing Address

150, Maeyeong-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea

City  
Suwon-si

State  
Gyeonggi-do

Zip  
443-743

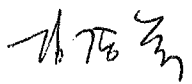
Country  
Republic of Korea

**Legal Name of Additional Joint Inventor, if any:**

(E.g., Given Name (first and middle (if any)) and Family Name or Surname)

**KIM, Jong Rok**

Inventor's Signature



Date

2013 4. 26

Residence: City  
Suwon-si

State  
Gyeonggi-do

Country  
Republic of Korea

Mailing Address

150, Maeyeong-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea

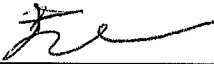
City  
Suwon-si

State  
Gyeonggi-do

Zip  
443-743

Country  
Republic of Korea

**DECLARATION, ASSIGNMENT, AND POWER OF ATTORNEY— Utility or Design Patent Application**

|   |                      |                              |                              |
|---|----------------------|------------------------------|------------------------------|
| <b>Legal Name of Additional Joint Inventor, if any:</b>   |                      |                              |                              |
| <i>(E.g., Given Name (first and middle (if any)) and Family Name or Surname)</i><br><b>CHO, Hwan</b>      |                      |                              |                              |
| Inventor's Signature<br> |                      | Date<br>2013. 4. 26          |                              |
| Residence: City<br>Suwon-si   | State<br>Gyeonggi-do | Country<br>Republic of Korea |                              |
| Mailing Address<br>150, Maeyeong-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea               |                      |                              |                              |
| City<br>Suwon-si  | State<br>Gyeonggi-do | Zip<br>443-743               | Country<br>Republic of Korea |
| <b>Legal Name of Additional Joint Inventor, if any:</b>   |                      |                              |                              |
| <i>(E.g., Given Name (first and middle (if any)) and Family Name or Surname)</i>                          |                      |                              |                              |
| Inventor's Signature  |                      | Date                         |                              |
| Residence: City   | State                | Country                      |                              |
| Mailing Address   |                      |                              |                              |
| City  | State                | Zip                          | Country                      |
| <b>Legal Name of Additional Joint Inventor, if any:</b>   |                      |                              |                              |
| <i>(E.g., Given Name (first and middle (if any)) and Family Name or Surname)</i>                          |                      |                              |                              |
| Inventor's Signature  |                      | Date                         |                              |
| Residence: City   | State                | Country                      |                              |
| Mailing Address   |                      |                              |                              |
| City  | State                | Zip                          | Country                      |