

## PATENT ASSIGNMENT COVER SHEET

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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>                  |
| JINWOO LEE  | 09/18/2014                             |
| JIYEON SEO  | 09/22/2014                             |
| MYUNGHWAN LEE   | 09/22/2014                             |
| YONGCHEOL CHA   | 09/22/2014                             |
| <b>RECEIVING PARTY DATA</b>   |  |
| <b>Name:</b>  | SAMSUNG ELECTRONICS CO., LTD.          |
| <b>Street Address:</b>  | 129 SAMSUNG-RO, YEONGTONG-GU, SUWON-SI |
| <b>City:</b>  | GYEONGGI-DO                            |
| <b>State/Country:</b>   | KOREA, REPUBLIC OF                     |
| <b>PROPERTY NUMBERS Total: 1</b>  |  |
| <b>Property Type</b>  | <b>Number</b>                          |
| <b>Application Number:</b>  | 14509160                               |
| <b>CORRESPONDENCE DATA</b>  |  |
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| <b>ATTORNEY DOCKET NUMBER:</b>  | 5004-1-618                             |
| <b>NAME OF SUBMITTER:</b>   | STEVE CHA                              |
| <b>SIGNATURE:</b>   | /Steve Cha/                            |
| <b>DATE SIGNED:</b>   | 10/08/2014                             |
| <b>Total Attachments: 3</b>   |  |
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| source=5004-1-618_Assignment#page3.tif  |  |

### Assignment of Invention and Patent Application

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for good and valuable consideration,

- 1) Jinwoo LEE of No. 1-402, 25, Samseong-ro 51-gil, Gangnam-gu, Seoul, Republic of Korea
- 2) Jiyeon SEO of No. 219-606, 24, Jungdae-ro, Songpa-gu, Seoul, Republic of Korea
- 3) Myunghwan LEE of No. 305-402, 2804, Nambusunhwan-ro, Gangnam-gu, Seoul, Republic of Korea
- 4) Yongcheol CHA of No. 343-303, 189, Dongtanjungang-ro, Hwaseong-si, Gyeonggi-do, Republic of Korea

(hereinafter **Assignor**) hereby sells, assigns, transfers, and sets over unto:

**SAMSUNG ELECTRONICS CO., LTD.** of  
**129 SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742**  
**REPUBLIC OF KOREA**

(hereinafter **Assignee**) the entire right, title and interest for the United States Of America as defined in 35 U.S.C. Section 261, in and to the invention entitled as:

#### **PAIRING TERMINALS WITH A SOUND WAVE SIGNAL**

invented by **Assignor**; the application for United States patent therefor, invented by **Assignor**; any patent or reissues of any patent that may be granted thereon; and any applications which are continuations, continuation-in-part, substitutes, or divisions of said application. **Assignor** authorizes **Assignee** to enter the date of signature and/or Serial Number and Filing Date in the above. **Assignor** also authorizes and requests the Commissioner of Patents and Trademarks to issue any resulting patent(s) to the said **Assignee**, for its interests as **Assignee**, its successors, assigns and legal representatives. The undersigned agrees that the attorney of record in said application shall hereafter act on behalf of said **Assignee**; and **Assignor** further conveys to **Assignee** all priority rights resulting from the above-identified application for United States

Patent. Assignor agrees to execute all papers, give any required testimony and perform other lawful acts, as deemed essential by Assignee to perfect Assignee's interest in any resulting patent of the United States, and to acquire, hold, enforce, convey, and uphold the validity of said patent and reissues and extensions thereof, and Assignee's interest therein.

**SIGNED ON THE DATES(S) INDICATED BESIDE MY/OUR SIGNATURE(S):**

**Name of First Inventor: Jinwoo LEE**

01 Net.  
\_\_\_\_\_  
Signature of inventor

Dated: September 18, 2014

WITNESSED: 

**Name of Second Inventor: Jiyeon SEO**

\_\_\_\_\_  
Signature of inventor

Dated: \_\_\_\_\_

WITNESSED: \_\_\_\_\_

**Name of Third Inventor: Myunghwan LEE**

\_\_\_\_\_  
Signature of inventor

Dated: \_\_\_\_\_

WITNESSED: \_\_\_\_\_

**Name of Fourth Inventor: Yongcheol CHA**

\_\_\_\_\_  
Signature of inventor

Dated: \_\_\_\_\_

WITNESSED: \_\_\_\_\_

Patent. Assignor agrees to execute all papers, give any required testimony and perform other lawful acts, as deemed essential by Assignee to perfect Assignee's interest in any resulting patent of the United States, and to acquire, hold, enforce, convey, and uphold the validity of said patent and reissues and extensions thereof, and Assignee's interest therein.

SIGNED ON THE DATES(S) INDICATED BESIDE MY/OUR SIGNATURE(S):

Name of First Inventor: Jinwoo LEE

\_\_\_\_\_  
Signature of inventor

Dated: \_\_\_\_\_

WITNESSED: \_\_\_\_\_

Name of Second Inventor: Jiyeon SEO

Jiyeon Seo  
Signature of inventor

Dated: Sep 22, 2014

WITNESSED: 

Name of Third Inventor: Myunghwan LEE

Myunghwan Lee  
Signature of inventor

Dated: Sep 22, 2014

WITNESSED: 

Name of Fourth Inventor: Yongcheol CHA

Yongcheol Cha  
Signature of inventor

Dated: Sep 22, 2014

WITNESSED: 