

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
EUN JUNG SEO	07/20/2016
SE JIN JI	07/20/2016
DONG GUEN HONG	07/20/2016
TAE MIN CHO	07/21/2016
IN SU PARK	07/20/2016
HYE IN PARK	07/20/2016
DU YEOL LEE	07/20/2016
BO RA LEE	07/20/2016
EUN YEUNG LEE	07/21/2016
CHEONG JAE LEE	07/21/2016
RECEIVING PARTY DATA	
Name:	SAMSUNG ELECTRONICS CO., LTD.
Street Address:	129 SAMSUNG-RO, YEONGTONG-GU, SUWON-SI
City:	GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15225108
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NAME OF SUBMITTER:	STEVE CHA

PATENT

SIGNATURE:	/Steve Cha/
DATE SIGNED:	08/01/2016
Total Attachments: 4 source=4700-1-077_Assignment#page1.tif source=4700-1-077_Assignment#page2.tif source=4700-1-077_Assignment#page3.tif source=4700-1-077_Assignment#page4.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) Eun Jung SEO of 102-1902, Hyeonjin Everville, 69, Okgyebuk-ro, Gumi-si, Gyeongsangbuk-do 39183, Republic of Korea
- 2) Se Jin JI of 709-1205, Dongseobyeon World Meridian Apt., 26, Seobyeon-ro, Buk-gu, Daegu 41476, Republic of Korea
- 3) Dong Guen HONG of 103-501, Opera Haneulchae Apt., 540, Jungang-daero, Buk-gu, Daegu 41579, Republic of Korea
- 4) Tae Min CHO of 225-703, Sungwon Ssangtville 3 Cha Apt., 30-10, Sanghyeon-ro, Suji-gu, Yongin-si, Gyeonggi-do 16941, Republic of Korea
- 5) In Su PARK of 103-1905, Nurim Town, 31, Handeul-ro, Dalseo-gu, Daegu 42686, Republic of Korea
- 6) Hye In PARK of 106-701, Siji World Meridian Apt., 70, Cheoneul-ro, Suseong-gu, Daegu 42262, Republic of Korea
- 7) Du Yeol LEE of 30-5, Gukchaebosang-ro 37an-gil, Seo-gu, Daegu 41767, Republic of Korea
- 8) Bo Ra LEE of 309-404, Buyeong Apt., 23-31, Indong 36-gil, Gumi-si, Gyeongsangbuk-do 39448, Republic of Korea
- 9) Eun Yeung LEE of 103-2302, Umirin The Sky Apt., 925, Sanho-daero, Gumi-si, Gyeongsangbuk-do 39171, Republic of Korea
- 10) Cheong Jae LEE of 106-704, Daewoo WorldMark Westend, 169, Waryong-ro, Dalseo-gu, Daegu 42688, 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, 16677
REPUBLIC OF KOREA

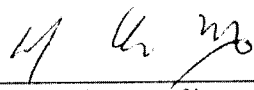
(hereinafter **Assignee**) the entire right, title and interest for the United States Of America as defined in 35 U.S.C. Section 261, in and to the invention entitled as:

SOUND PROVIDING METHOD AND ELECTRONIC DEVICE FOR PERFORMING THE SAME

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: Eun Jung SEO




Signature of inventor

Dated: July 20, 2016

WITNESSED: _____

Name of Second Inventor: Se Jin JI

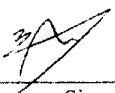


Signature of inventor

Dated: July 20, 2016

WITNESSED: _____

Name of Third Inventor: Dong Guen HONG




Signature of inventor

Dated: July 20, 2016

WITNESSED: _____

Name of Fourth Inventor: Tae Min CHO




Signature of inventor

Dated: July 21, 2016

WITNESSED: _____

Name of Fifth Inventor: In Su PARK



Signature of inventor

Dated: July 20, 2016

WITNESSED: _____

Name of Sixth Inventor: Hye In PARK

박혜인

Signature of inventor

Dated: July 20, 2016

WITNESSED: _____

Name of Seventh Inventor: Du Yeol LEE

이두열

Signature of inventor

Dated: July 20, 2016

WITNESSED: _____

Name of Eighth Inventor: Bo Ra LEE

LEE Bo Ra
Signature of inventor

Dated: July 20, 2016

WITNESSED: _____

Name of Ninth Inventor: Eun Yeung LEE

LEE Eun Yeung
Signature of inventor

Dated: July 21, 2016

WITNESSED: _____

Name of Tenth Inventor: Cheong Jae LEE

LEE Cheong Jae
Signature of inventor

Dated: Jul - 21, 2016

WITNESSED: _____