

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHEOL YONG PARK	02/15/2016
JU HEE CHANG	02/15/2016
SE JEONG NA	02/15/2016
SUNG KYU PARK	02/15/2016
IN SEOK SHIM	02/15/2016
SUNG HOON JEONG	02/15/2016
HO CHUL HWANG	02/15/2016
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:	15044381
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ATTORNEY DOCKET NUMBER:	4700-1-050
NAME OF SUBMITTER:	STEVE CHA
SIGNATURE:	/Steve Cha/
DATE SIGNED:	02/16/2016

Total Attachments: 7

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Assignment of Invention and Patent Application

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

- 1) Cheol Yong PARK of 108-1301, Hengrim Maeul Samsung Raemian 1 Cha Apt., 333, Dongtanjiseong-ro, Hwaseong-si, Gyeonggi-do 18395, Republic of Korea
- 2) Ju Hee CHANG of 321-304, Central town, 1000, Seongnam-daero, Jungwon-gu, Seongnam-si, Gyeonggi-do 13436, Republic of Korea
- 3) Se Jeong NA of 129-1802, WeveHaneulchae, 363, Hyowon-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 16543, Republic of Korea
- 4) Sung Kyu PARK of 104-1603, Raemian YeongtongMarkone, 72, Gwonseon-ro 908beon-gil, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16682, Republic of Korea
- 5) In Seok SHIM of 903-1903, Heungdeok Maeul 9 Danji idunhaus Apt., 26, Heungdeok 2-ro 118beon-gil, Giheung-gu, Yongin-si, Gyeonggi-do 16951, Republic of Korea
- 6) Sung Hoon JEONG of 603-702, Sinnamusil 6 Danji Apt., 30, Bongyeong-ro 1517beon-gil, Yeongtong-gu, Suwon-si, Gyeonggi-do 16699, Republic of Korea
- 7) Ho Chul HWANG of 508-603, Segokrinpark, 63, Heolleung-ro 590-gil, Gangnam-gu, Seoul 06366, 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:

ACTIVE NOISE CANCELLATION IN AUDIO OUTPUT DEVICE

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: Cheol Yong PARK



Signature of inventor

Dated: 2016. 2. 15

WITNESSED: Sung Hoon JEONG

Name of Second Inventor: Ju Hee CHANG

Signature of inventor

Dated: _____

WITNESSED: _____

Name of Third Inventor: Se Jeong NA

Signature of inventor

Dated: _____

WITNESSED: _____

defined in 35 U.S.C. Section 261, in and to the invention entitled as:

ACTIVE NOISE CANCELLATION IN AUDIO OUTPUT DEVICE

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: Cheol Yong PARK

Signature of inventor

Dated: _____

WITNESSED: _____

Name of Second Inventor: Ju Hee CHANG

juhee

Signature of inventor

Dated: February 15, 2016

WITNESSED: *juhee*

Name of Third Inventor: Se Jeong NA

Signature of inventor

Dated: _____

WITNESSED: _____

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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: Cheol Yong PARK

Signature of inventor

Dated: _____

WITNESSED: _____

Name of Second Inventor: Ju Hee CHANG

Signature of inventor

Dated: _____

WITNESSED: _____

Name of Third Inventor: Se Jeong NA

Se Jeong NA

Signature of inventor

Dated: Feb 15, 2016

WITNESSED: _____

Name of Fourth Inventor: Sung Kyu PARK

Sungkyu Park

Signature of inventor

Dated: Feb. 15, 2016

WITNESSED: _____

Name of Fifth Inventor: In Seok SHIM

IS

Signature of inventor

Dated: Feb. 15, 2016

WITNESSED: _____

Name of Sixth Inventor: Sung Hoon JEONG

Signature of inventor

Dated: _____

WITNESSED: _____

Name of Seventh Inventor: Ho Chul HWANG

Signature of inventor

Dated: _____

WITNESSED: _____

Name of Fourth Inventor: Sung Kyu PARK

Signature of inventor

Dated: _____

WITNESSED: _____


Name of Fifth Inventor: In Seok SHIM

Signature of inventor

Dated: _____

WITNESSED: _____

Name of Sixth Inventor: Sung Hoon JEONG



Signature of inventor

Dated: 2016. 2. 15

WITNESSED: _____

Name of Seventh Inventor: Ho Chul HWANG

Signature of inventor

Dated: _____

WITNESSED: _____

Name of Fourth Inventor: Sung Kyu PARK

Signature of inventor

Dated: _____

WITNESSED: _____

Name of Fifth Inventor: In Seok SHIM

Signature of inventor

Dated: _____

WITNESSED: _____

Name of Sixth Inventor: Sung Hoon JEONG

Signature of inventor

Dated: _____

WITNESSED: _____

Name of Seventh Inventor: Ho Chul HWANG

Ho chul Hwang
Signature of inventor

Dated: Feb. 15, 2016

WITNESSED: _____