

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT6504392

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BYEONGNAM KIM	12/16/2020
CHANYONG JUNG	12/16/2020
SANGHEON KIM	12/10/2020
MISUN KIM	12/16/2020
MIRA SEO	12/16/2020
YEUNWOOK LIM	12/10/2020
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:	17152915
CORRESPONDENCE DATA	
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NAME OF SUBMITTER:	STEVE CHA
SIGNATURE:	/Steve Cha/
DATE SIGNED:	01/20/2021
Total Attachments: 5	

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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) Byeongnam KIM of 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 16677 Republic of Korea
- 2) Chanyong JUNG of 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 16677 Republic of Korea
- 3) Sangheon KIM of 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 16677 Republic of Korea
- 4) Misun KIM of 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 16677 Republic of Korea
- 5) Mira SEO of 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 16677 Republic of Korea
- 6) Yeunwook LIM of 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 16677 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 and all other countries as defined in 35 U.S.C. Section 261, in and to the invention entitled as:

APPARATUS AND METHOD FOR CONVERTING AUDIO OUTPUT

invented by **Assignor**; the application for United States patent and all other countries, 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 and all other countries. **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 all other countries, 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: Byeongnam KIM

Byeongnam KIM
Signature of inventor

Dated: Dec. 16, 2020

WITNESSED: Sangheon KIM

Name of Second Inventor: Chanyong JUNG

Chanyong JUNG
Signature of inventor

Dated: Dec -16 - 2020

WITNESSED: Sangheon KIM

Name of Third Inventor: Sangheon KIM

Signature of inventor

Dated: _____

WITNESSED: _____

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 and all other countries. **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 all other countries, 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: Byeongnam KIM

Signature of inventor

Dated: _____

WITNESSED: _____

Name of Second Inventor: Chanyong JUNG

Signature of inventor

Dated: _____

WITNESSED: _____

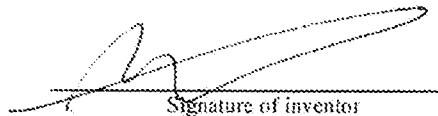
Name of Third Inventor: Sangheon KIM

Sangheon KIM
Signature of inventor

Dated: Dec. 10, 2020

WITNESSED: Jayson Kim

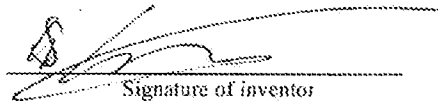
Name of Fourth Inventor: Misun KIM


Signature of inventor

Dated: Dec. 16. 2020.

WITNESSED: Jaegeon Kim

Name of Fifth Inventor: Mira SEO


Signature of inventor

Dated: Dec. 16. 2020

WITNESSED: Jaegeon Kim

Name of Sixth Inventor: Yeunwook LIM

Signature of inventor

Dated: _____

WITNESSED: _____

Name of Fourth Inventor: Misun KIM

Signature of inventor

Dated: _____

WITNESSED: _____

Name of Fifth Inventor: Mira SEO

Signature of inventor

Dated: _____

WITNESSED: _____

Name of Sixth Inventor: Yeunwook LIM

Yeunwook LIM

Signature of inventor

Dated: *Dec. 10, 2020*

WITNESSED: *Joojeon Kim*