

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ILPYO HONG	05/14/2021
JIHEE KANG	05/14/2021
JIYONG KIM	05/14/2021
JIHOON KIM	05/07/2021
JONGIN LEE	05/14/2021
RECEIVING PARTY DATA	
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City:	GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17294756
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NAME OF SUBMITTER:	STEVE CHA
SIGNATURE:	/Steve Cha/
DATE SIGNED:	05/18/2021
Total Attachments: 4	
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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) Ilpyo HONG | of | 129 Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 16677
Republic of Korea |
| 2) Jihee KANG | of | 129 Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 16677
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| 3) Jiyong KIM | of | 129 Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 16677
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| 4) Jihoon KIM | of | 129 Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 16677
Republic of Korea |
| 5) Jongin LEE | 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:

**ELECTRONIC DEVICE FOR MEASURING BEAMFORMING SIGNAL HAVING
PLURALITY OF DIRECTIONS, AND METHOD OF OPERATING SAME**

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: Ilpyo HONG




Signature of inventor

Dated: 21. 05. 14

WITNESSED: _____

Name of Second Inventor: Jihee KANG

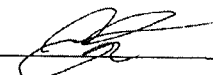


Signature of inventor

Dated: 21. 05. 14

WITNESSED: _____

Name of Third Inventor: Jiyong KIM



Signature of inventor

Dated: 21. 05. 14

WITNESSED: _____

Name of Fourth Inventor: Jihoon KIM



Signature of inventor

Dated: 07/05/2021

WITNESSED: _____

Name of Fifth Inventor: Jongin LEE

Signature of inventor

Dated: _____

WITNESSED: _____

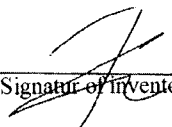
Name of Fourth Inventor: Jihoon KIM

Signature of inventor

Dated: _____

WITNESSED: _____

Name of Fifth Inventor: Jongin LEE



Signature of inventor

Dated: 21.05.14

WITNESSED: _____