505202843 11/23/2018

PATENT ASSIGNMENT COVER SHEET

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 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HEE TAE KIM	11/13/2018
JUNG TAE KIM	11/13/2018
SOO HYUN MOON	11/13/2018
KYE JEONG JEONG	11/13/2018

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:	16198923

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NAME OF SUBMITTER: STEVE CHA

SIGNATURE: /Steve Cha/
DATE SIGNED: 11/23/2018

Total Attachments: 2

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PATENT 505202843 REEL: 047567 FRAME: 0997

Docket No.: 4500-1-559 Client Ref No.: GM-201710-130-1-US0

Assignment of Invention and Patent Application

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

1) Hee Tae KIM	of	129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 16677, Republic of Korea
2) Jung Tae KIM	of	129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 16677, Republic of Korea
3) Soo Hyun MOON	of	129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 16677, Republic of Korea
4) Kye Jeong JEONG	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 AND COMMUNICATION METHOD THEREOF

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.

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

Name of First Inventor: Hee Tae KIM	Hee Tae KTM
	Signature of inventor
	Dated: November (3. 20/8
	WITNESSED:
)
Name of Second Inventor: Jung Tae KIM	Jung toe Kim Signature of inventor
_	Signature of inventor
	Dated: November 13. 2018
	WITNESSED:
	J
Name of Third Inventor: Soo Hyun MOON	Soo Hyun Moon Signature of inventor
	Signature of inventor
	Dated: November 13.2018
	WITNESSED:
	9
Name of Fourth Inventor: Kye Jeong JEONG	Kye Jeong Jeong Signature of inventor
	Dated: November 13, 2018
	WITNESSED: Ly