504409996 06/13/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

ic Version v1.1 EPAS ID: PAT4456696

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JI-HYE MOON	05/15/2017
JANG-SUN YOO	05/15/2017
MYEONG-GIL LEE	05/15/2017
CHEE-HWAN YANG	05/15/2017
KWANG-YONG LEE	05/15/2017

RECEIVING PARTY DATA

Name:	SAMSUNG ELECTRONICS CO., LTD.	
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State/Country:	KOREA, REPUBLIC OF	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15620941

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ATTORNEY DOCKET NUMBER:	5000-1-1784
NAME OF SUBMITTER:	STEVE CHA
SIGNATURE:	/Steve Cha/
DATE SIGNED:	06/13/2017

Total Attachments: 3

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PATENT 504409996 REEL: 042688 FRAME: 0664

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PATENT REEL: 042688 FRAME: 0665

Docket No.: **5000-**/-**/784** Client Ref.: P23236-US (GM-201603-012-1-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) Ji-Hye MOON #705, 81-2, Siheung-daero 141-gil, Geumcheon-gu, Seoul, Republic of Korea
- 2) Jang-Sun YOO #243-1103, Risencheu APT., 135, Olympic-ro, Songpa-gu, Seoul, Republic of Korea
- 3) Myeong-Gil LEE of #1-404, Hanhyo APT., 24, Jungang-ro 5-gil, Guro-gu, Seoul, Republic of Korea
- 4) Chee-Hwan YANG of #1106-203, Heungdeokmaeul Gyeongnam honorsville APT., 41, Heungdeokjungang-ro 105beon-gil, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea
- 5) Kwang-Yong LEE #103-807, World Meridian 1-danji APT., 204, Byeongjeomjungang-ro, Hwaseong-si, Gyeonggi-do, Republic of Korea

(hereinafter Assignor) hereby sells, assigns, transfers, and sets over unto:

SAMSUNG ELECTRONICS CO., LTD. 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:

"ANTENNA DEVICE AND ELECTRONIC DEVICE INCLUDING 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: Ji-Hye MOON	Signature of inventor
	Dated: Nay 14. 2017
	WITNESSED:
Name of Second Inventor: Jang-Sun YOO	Dated: May . 15. 2017 WITNESSED:
Name of Third Inventor: Myeong-Gil LEE	Signature of inventor Dated: May 15. 2019 WITNESSED:

Name of Fourth Inventor: Chee-Hwan YANG	Chechwan Yang Signature of inventor
	Dated: May. 15. 2017
	WITNESSED:
Name of Fifth Inventor: Kwang-Yong LEE	Signature of inventor
	Dated: Mgy. 15. 20/7
	WITNESSED: