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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAESUNG LEE	11/30/2018
MINHO PARK	11/30/2018
DONGHYUN LEE	11/30/2018
DAEHYEONG LIM	11/30/2018
KEUMSUN CHOE	11/30/2018
JONGMIN CHOI	11/30/2018
CHANGRYONG HEO	11/30/2018

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:	16211516

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ATTORNEY DOCKET NUMBER:	5004-1-767CON
NAME OF SUBMITTER:	STEVE CHA
SIGNATURE:	/Steve Cha/
DATE SIGNED:	12/06/2018

PATENT REEL: 047692 FRAME: 0202 505222758

Total Attachments: 3

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PATENT REEL: 047692 FRAME: 0203

Docket No.: 5004-1-767CON Client Ref No.: GM-201511-025-1-US0

Assignment of Invention and Patent Application

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

l) Jaesung LEE	of	No. 602-404, 100, Pangyoyeok-ro, Bundang-gu, Seongnam-si, Gyeonggi-do 13532 Republic of Korea
2) Minho PARK	of	No. 402-1204, 81, Cheongmyeongbuk-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 16709 Republic of Korea
3) Donghyun LEE	of	No. 111-902, 1871, Deogyeong-daero, Giheung-gu, Yongin-si, Gyeonggi-do 17098 Republic of Korea
4) Daehyeong LIM	of	No. A-102, 14, Gyeongsu-daero 733beon-gil, Dongan-gu, Anyang-si, Gyeonggi-do 14077 Republic of Korea
5) Keumsun CHOE	of	No.402, 13, Gyeongsu-daero 370beon-gil, Gwonseon-gu, Suwon-si, Gyeonggi-do 16566 Republic of Korea
6) Jongmin CHOI	of	No. 110-301, 151, Apgujeong-ro, Gangnam-gu, Seoul 06001 Republic of Korea
7) Changryong HEO	of	No. 310-804, 73, Dongsuwon-ro 145beon-gil, Gwonseon-gu, Suwon-si, Gyeonggi-do 16664 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:

SPECTROMETRIC SENSOR CONTROL METHOD AND ELECTRONIC DEVICE FOR SUPPORTING SAME

invented by Assignor; the application for United States patent and all other countries, invented

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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: Jaesung LEE	Jaeshyf Lee Signature of inventor
	Dated: November 30, 2018
	WITNESSED: Jorgeon KIM
Name of Second Inventor: Minho PARK	Minho Park Signature of inventor Dated: 20/8.11.30
	WITNESSED: <u>Jayyeon XIM</u>
Name of Third Inventor: Donghyun LEE	Joug Hym Lee Signature of inventor
	Dated: 2018, 11, 30
	WITNESSED: Jooyeon KIM

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Name of Fourth Inventor: Daehyeong LIM	Packyeong LTM Signature of inventor
	Dated: 20/8. 11.30 WITNESSED: Tagyoon KIM
Name of Fifth Inventor: Keumsun CHOE	Keumsum Choe Signature of inventor Dated: 2018. 11. 30
Name of Sixth Inventor: Jongmin CHOI	WITNESSED: Joygon KIM JOYGVAN (W) Signature of inventor
	Dated: 2018 11.30 WITNESSED: Jonyoon KIM
Name of Seventh Inventor: Changryong HEO	Changryong Heo Signature of inventor
	WITNESSED: Layeon KM

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