PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAE WOOK SHIM	03/12/2018
HYO SUN HWANG	03/12/2018
HYUN SEOK MOON	03/12/2018
HYEONG SEOK JANG	03/12/2018

RECEIVING PARTY DATA

Name:	e: SAMSUNG ELECTRONICS CO., LTD.	
Street Address: 129, SAMSUNG-RO, YEONGTONG-GU, GYEONGGI-DO		
City:	SUWON-SI	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	16677	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15928247

CORRESPONDENCE DATA

Fax Number: (202)293-7860

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 202-293-7060

Email: sughrue@sughrue.com, dbutler@sughrue.com

SUGHRUE MION, PLLC **Correspondent Name:**

Address Line 1: 2100 PENNSYLVANIA AVENUE, N.W.

Address Line 2: SUITE 800

Address Line 4: WASHINGTON, D.C. 20037

NAME OF SUBMITTER: DENNIS E BUTLER - TEAMS /Dennis Butler/ DATE SIGNED: 03/22/2018	
DATE SIGNED: 03/22/2019	
03/22/2016	
This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 3

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Docket No.: Q237658. SAIT Ref: RL2017050111US0 Only After Sept 16, 2012 US Rights Only

ASSIGNMENT WITH DECLARATION FOR PATENT APPLICATION (37 CFR 1.63)

특허 출원 관련 양도 및 선언(연방규칙집 제 37조 1.63 항)

Korean Language Assignment with Declaration

	· 양도인으로 지칭되는 하기 서명 발명자인 본인(돌)은 아래에 된 출원에서 서술한 특징 개선을 발명하였으므로 그리고	assi	ereas, I/We, the undersigned inventor(s) hereinafter called gnor(s), have invented certain improvements described in the lication identified below; and
II.	에 소재한 (당수인)는(은) 출원 및 발명의]고 이에 따라 획득될 일체의 미국 특허에 대한 모든 권리, 소유권 권을 획득하기를 원하므로,	<u>San</u> Rep title	ereas, SAMSUNG ELECTRONICS CO., LTD. of 129 asung-to, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677 ublic of Korea, (assignee), desires to acquire the entire right, and interest in the application and invention, and to any led States patents to be obtained therefor;
)্য	대가를 위한 그 수령을 인정합니다.		v therefore, for valuable consideration, receipt whereof is by acknowledged,
양수운 독 정구 대한 연수 등 경우	영도인인 본인(등)은 상기 명칭의 양수인, 그 승제자 및 그인에게 모든 분할과 그 연속을 포함하여 미국 용으로 공개된 과 말명 그리고 그에 대해 승인될 수 있는 미국의 모든 중서와 미합중국 코드 제 35 장 재§119 항에 의거한 우선권 한과 과거의 손해에 대한 소송권을 포함한 모든 그 재발행에 전과 과거의 손해에 대한 소송권을 포함한 모든 그 재발행에는 전체 권리, 소유권 및 이권을 판매, 양도 및 이전하며 그리고 (등)은 출원서에 제시된 발명에 대해 승인된 일체의 특허중서를 된다. 그 승계자 또는 그 양수인에게 발급하도록 미국 [정장에게 요청하는 바이며 또한 본인(등)은 양수인의 요청할 - 미국 출원과 관련하여 양수인이 필요하다고 생각하는 모든 를 더 이상의 보수 없이 서명날인할 것입니다.	to the right disconding the conding the conding the conding to the conding the condinated the conding the conding the condinated the condinated the conding the conding the co	e, the above named assignor(s), hereby sell, assign and transfer the above named assignee, its successors and assigns, the entire it, title and interest in the application and the inventior losed therein for the United States of America, including all sions, and continuations thereof, and all Letters Patent of the led States that may be granted thereon, and all reissues thereof uding the right to claim priority under 35 USC 119 and the it to sue for past damages, and I/we request the Director of the Patent and Trademark Office to issue any Letters Patent and Trademark Office to issue any Letters Patent and upon the invention set forth in the application to the gnee, its successors and assigns; and I/we will execute withouther consideration all papers deemed necessary by the assignee connection with the United States application when called upon to so by the assignee.
	l은 기록을 위해 요구되지는 않지만 미합증국 코드 제 35 장 %1 항에 의거 서명날인에 대한 일융의 증거입니다)		galization not required for recording but is prima facie evidence secution under 35 USC 261)
본인	은 아래 성명의 발명자로서 다음과 끝이 선언합니다.	As t	he below named inventor, I hereby declare that:
<u> 19.</u> 0	F도 및 선언서는 다음 사항을 위한 것입니다:	This	assignment with declaration is directed to:
	<u> </u>	\boxtimes	The attached application, or
	미합중국 출원 또는 PCT 국제출원 번호: 출원일:		United States Application or PCT International Application Numberfiled on
본출	·원의 제목은 다음과 같습니다:	The	application is entitled:
		GA	CTROMETER, METHOD OF CONTROLLING OUTPUT N OF SPECTROMETER, AND APPARATUS AND THOD FOR MEASURING BIO-INFORMATION

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Korean Language Assignment with Declaration

위에 표시된 출원은 본인이 신청하였거나 또는 신청하도록 혁가를 받았습니다.

본인은, 본인이 본 출원에서 청구된 발명의 원 발명차 또는 원 공동 발명자라고 믿습니다.

본인은 본 양도 및 선언서 제출과 관련된 출원의 내용을 검토하였으며 아울러 이해합니다.

본인은 연방 규정 코드 제 37 창 제 1.56 항에 규정된 바에 따라, 특허성의 판단에 증요한 본인이 아는 모든 정보를 특허청에 공개할 의무가 있음을 알고 있습니다.

본 양도 및 선언적 내에 의도적 허위 진술이 있을 경우 미합중국 코드 제 18 장의 1001 항에 의거 벌금이나 5 년 이하의 징역 또는 두 가지 처벌을 모두 받을 수 있음을 인정합니다. The above identified application was made or was authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the application for which this assignment with declaration is being submitted.

I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 1.56.

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 1001 by fine or impresonment of not more than five (5) years, or both.

STATEMENT OF ACCURATE TRANSLATION IN ACCORDANCE WITH 37 CFR 1.69(b):

The assignment with declaration is an accurate translation of the corresponding English language assignment with declaration.

Signature Date

March 17, 2014

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NAME OF SOLE OR FIRST INVENTOR: 단독 혹은 최초 발명자의 성명				
Given Name (first and middle [if any]) 이름(성씨는 제외)	Pamily Name or Sun 성(姓)	name SHIM		
Inventor's signature 발명자의 서명		Date 일자 19ar, 12, 2018		
Residence: 거추지: Yongin-si, Gyconggi-do, Republic of Korea				
Mailing Address: 우선 주소: 109-1303, 2742, Yonggu-daero, Suji-gu, Yongin-si	, Gyeonggi-do, Republ	ic of Korea		
NAME OF SECOND INVENTOR: 두번째 발명자의 성명				
Given Name (first and middle [if any]) 이름(성의는 제의) Hyo Sun	Family Name or Sun 付(姓)	name HWANG		
Inventor's signature 발명자의 서명		Date 일자 March 12, 2018		
Residence: 거주지: Secul, Republic of Korea				
Mailing Address: 우편구소: 302ho, 67, Nonhyeon-ro 1-gil, Seocho-gu, Seoul, R	epublic of Korea			
NAME OF THIRD INVENTOR: 세번째 할명자의 성명				
Given Name (first and middle [if any]) 이름(성되는 제외) Hyun Seok	Pamily Name or Surr 성(姓)	name MOON		
Inventor's signature 발명자의 서명		Date 일本 2018, 3.12.		
Residence: 거주지: Seoul, Republic of Korea				
Mailing Address: 우면 주소: 6-706, 130, Saimdang-ro, Seocho-gu, Seoul, Republic of Korea				
NAME OF FOURTH INVENTOR: 네번째 발평자의 성명				
Given Name (first and middle [if any]) Pamily Name or Su 이용(성씨는 제외) Hyeong Seok 성(姓)		name JANG		
Inventor's signature 발명자의 서명		Date 1/47. 12, 2018		
Residence: 거주지: Seoul, Republic of Korea		A		
Mailing Address: 우편 주소: 714ho, 28, Backbeom-ro 90ra-gil, Yongsan-gu, Seo	ul. Republic of Korea			