### 504099038 11/16/2016

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4145707

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SEONGHO CHO	05/25/2016
GAJENDRA SINGH	05/25/2016
JUNEYOUNG LEE	05/21/2016

#### **RECEIVING PARTY DATA**

Name:	SAMSUNG ELECTRONICS CO., LTD.	
Street Address:	129, SAMSUNG-RO, YEONGTONG-GU, GYEONGGI-DO	
City:	SUWON-SI	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	16677	
Name:	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
Street Address:	77 MASSACHUSETTS AVENUE	
City:	CAMBRIDGE	
State/Country:	MASSACHUSETTS	
Postal Code:	02139	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15353198

#### 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:** zamadou@sughrue.com, sughrue@sughrue.com

Correspondent Name: SUGHRUE MION, PLLC

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

Address Line 2: SUITE 800

Address Line 4: WASHINGTON, D.C. 20037

ATTORNEY DOCKET NUMBER: Q226456

NAME OF SUBMITTER: ZIRIATOU AMADOU, TEAMS DEPARTMENT

PATENT REEL: 040345 FRAME: 0929

SIGNATURE:	/ziriatouamadou/	
DATE SIGNED:	11/16/2016	
This document serves as an Oath/Declaration (37 CFR 1.63).		

## **Total Attachments: 3**

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Docket No.: Q226456 SAIT Ref.: RL2015060051US0 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

기하 양도인으로 지칭되는 하기 서명 발명자인 본인(돌)은 아래에 명시된 출원에서 서술한 특정 개선을 발명하였으므로 그리고	Whereas, I/We, the undersigned inventor(s) hereinafter called assignor(s), have invented certain improvements described in the application identified below; and	
에 소재한 (양수인)는(은) 출원 및 발명의 그리고 이에 따라 획득될 일체의 미국 특허에 대한 모든 권리, 소유권 및 이권을 획득하기를 원하므로,	Whereas, SAMSUNG ELECTRONICS CO., LTD. of 129 Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677 Republic of Korea and MASSACHUSETTS INSTITUTE OF TECHNOLOGY of 77 Massachusetts Avenue, Cambridge, MA 02139, United States, (assignee), desires to acquire the entire right title, and interest in the application and invention, and to any United States patents to be obtained therefor;	
이제 대가를 위한 그 수령을 인정합니다.	Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,	
상기 양도인인 본인(돌)은 상기 명칭의 양수인, 그 송계자 및 그 양수인에게 모든 분할과 그 연속을 포함하여 미국 용으로 공개된 출원과 발명 그리고 그에 대해 중인될 수 있는 미국의 모든 특허증서와 미합중국 코드 제 35 장 제\$119 항에 의거한 우선권 청구권과 과거의 손해에 대한 소송권을 포함한 모든 그 재발행에 대한 전체 권리, 소유권 및 이권을 판매, 양도 및 이전하며 그리고 본인(둘)은 출원서에 제시된 발명에 대해 중인된 일체의 특허증서를 양수인, 그 중계자 또는 그 양수인에게 발급하도록 미국 특허청장에게 요청하는 바이며 또한 본인(돌)은 영수인의 요청할 경우 미국 출원과 관련하여 양수인이 필요하다고 생각하는 모든 서류를 더 이상의 보수 없이 서명날인할 것입니다.	I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the inventior disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 USC 119 and the right to sue for past damages, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.	
공인은 기록을 위해 요구되지는 않지만 미합중국 코드 제 35 장 예\$261 항에 의거 서명날인에 대한 일융의 증거입니다)	(Legalization not required for recording but is prima facie evidence of execution under 35 USC 261)	
본인은 아래 성명의 발명자로서 다음과 같이 선언합니다.	As the below named inventor, I hereby declare that:	
본 양도 및 선언서는 다음 사항을 위한 것입니다:	This assignment with declaration is directed to:	
□ 첨부출원 또는	∑ The attached application, or	
□ 미합중국 출원 또는 PCT 국제출원 번호: 출원일:	United States Application or PCT International Application Number filed on	
본 출원의 제목은 다음과 같습니다:	The application is entitled:	
	RAMAN SIGNAL MEASURING METHOD AND APPARATUS, AND BIOMETRIC INFORMATION ANALYZING APPARATUS INCLUDING THE RAMAN SIGNAL MEASURING APPARATUS	

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### Korean Language Assignment with Declaration

위에 표시된 출원은 본인이 신청하였거나 또는 신청하도록 허가를 받았습니다.

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

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

본인은 연방 규정 코드 제 37 장 제 1.56 항에 규정된 비에 따라, 특허성의 판단에 중요한 본인이 아는 모든 정보를 특허청에 공개할 위무가 있음을 알고 있습니다.

본 양도 및 선언서 내에 의도적 하위 진술이 있을 경우 미합중국 코드 제 18 장의 1001 항에 의거 벌금이나 5년 이하의 정역 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 imprisonment 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.

Carriery 1/17 Caller

Signature

Date

March 17, 2014

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NAME OF SOLE OR FIRST INVENTOR: 단독 혹은 최초 생명자의 성명				
Given Name (first and middle (if snyl) 부분(생시는 제외) Seongho	Family Name or Surname (8(80)) Cho			
trocolor's signature 2 (3 + 3) A M	Date May 25, 2016			
Residence.  A### Gwacheon-si, Republic of Konea				
Mailing Address: c/o Samsung Advanced Institute of Technology, 130, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 우思中之: 16678, Republic of Korea				
NAME OF SECOND INVENTOR: 두번째 방법자의 생명				
Given Name (first and middle (if anyl) 이용(설시는 제외) Gajendra	Family Name or Surname (\$(\$E) Singh			
toversu's signature (Sylvadra 180°)	Date 質料 May 25, 2016			
Residence: 역추격: Cambridge, Massachusetts				
Mailing Address: c/o MASSACHUSETTS INSTITUTE OF TECHNOLOGY, 77 Massachusetts Avenue, Cambridge, 유편 주소: MA 02139, United States of America				
NAME OF THIRD INVENTOR: 작전체 항공자의 항공				
Green Name (first and middle (if anyl) 이용(영화는 제외) Juneyoung	Family Name or Sumanie (S.(M.) Lee			
Inventor's signature 발명자의 직명 -   12 / 기기 / 기기 / 기기 / 기기 / 기기 기기 기기 기기 기기 기기	Date <sup>21,23</sup> May 21, 2016			
Residence: 전후자: Scongnam-si, Republic of Korea				
Milling Address: c/o Samsung Advanced Institute of Technology, 130, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16678, 우리 주소: Republic of Korea				

**PATENT** 

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RECORDED: 11/16/2016

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