PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5026334

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HYUN-KYUNG KIM	06/05/2018
HAK-JUNG KIM	06/05/2018
YOON-JIN YOON	06/05/2018
HAENG-SUN LIM	06/05/2018

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	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16066358	

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, thundley@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. 20037-3213

TTORNEY DOCKET NUMBER: Q240182		
NAME OF SUBMITTER:	ITTER: THOMAS HUNDLEY	
SIGNATURE:	/Thomas Hundley/ (Teams Dept.)	
DATE SIGNED: 06/27/2018		
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 2

PATENT REEL: 046434 FRAME: 0275

504979588

source=Q240182ExecutedDeclarationandAssignment#page1.tif source=Q240182ExecutedDeclarationandAssignment#page2.tif

PATENT REEL: 046434 FRAME: 0276

Docket No.: Q240182 SEC Ref: GN2015100501US0 Only After Sept 16, 2012

ASSIGNMENT WITH DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Whereas, We, the undersigned inventors hereinafter called assignors, have invented certain improvements described in the application identified below; and

Whereas, <u>SAMSUNG ELECTRONICS CO., LTD. of 129. Samsung-to.</u> Yeongtong-gu, Suwon-si, Gyeonggi-do. 16677, Republic of Korea. (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;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, 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 invention disclosed therein for the United States of America and all other countries, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, and including rights of priority under the International Convention of Paris (1883) as amended, the laws of all foreign countries, and the laws of the United States including the right to claim priority under 35 USC 119 and the right to sue for past damages, and 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 we hereby agree that the assignee may apply for foreign Letters Patent on the invention and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

As the below named inventor, I hereb	y decla	re that:
This assignment with declaration is directed to:		The attached application, or
	図	United States Application or PCT International Application Number PCT/KR2016/015272
The amplication is entitled:		filed on December 26, 2016.

METHOD FOR COLLECTING TRANSLATION CONTENT, AND TRANSLATION SERVER

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.

(Legalization not required for recording but is prima facie evidence of execution under 35 USC 261)

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.

PATENT REEL: 046434 FRAME: 0277

NAME OF SOLE OR FIRST INVENTOR:				
Given Name				
(first and middle [if any]) Hyun-kyung	Family Name or Surname KJM			
Inventor's signature 74704	Date 18.6.5			
Residence: Suwon-si, Republic of Korea				
Mailing Address: 207-1404, 24, Dongsuwon-ro 145beon-gil, Gwons	eon-gu, Suwon-si, Gyeonggi-do, Republic of Korea			
NAME OF SECOND INVENTOR:				
Given Name (first and middle [if any]) Hak-jung	Family Name or Surnanie KIM			
Inventor's signature Cin hak Jung	Date 18-5-5			
Residence: Goyang-si, Republic of Korea				
Mailing Address: 101-502, 219, Hwajung-ro, Deogyang-gu, Goyang	-si, Gyeonggi-do, Republic of Korea			
NAME OF THIRD INVENTOR:				
Given Name (first and middle [if any]) Yoon-jin	Family Name or Surname YOON			
Inventor's signature	Date 18-6-5.			
Residence: Yongin-si, Republic of Korea				
Mailing Address: 701-201, 126, Heungdenk 2-ro, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea				
NAME OF FOURTH INVE NTOR :				
Given Name (first and middle [if any]) Hacng-son	Family Name or Surname LIM			
Inventor's Of 39 M	Date 16.6.5			
Residence: Suswon-si, Republic of Korea				
Muiling Address: 506-602, 25, Yeongtong-ro 290beon-gil, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea				