04/05/2019 505414346

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5461136

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KYUNG-HUN JUNG	04/02/2019
HO-SANG SUNG	04/02/2019
EUN-MI OH	04/05/2019
JONG-HOON JEONG	04/02/2019
KI-HYUN CHOO	04/02/2019
BYEONG-HOON KWAK	04/02/2019

RECEIVING PARTY DATA

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City:	SUWON-SI
State/Country:	KOREA, REPUBLIC OF
Postal Code:	16677

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	16339982		

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	Q246300
NAME OF SUBMITTER:	TODD YARBOROUGH, TEAMS DEPT
SIGNATURE:	/Todd Yarborough/
DATE SIGNED:	04/05/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT

REEL: 048808 FRAME: 0565 505414346

Total Attachments: 6

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PATENT REEL: 048808 FRAME: 0566

Docket No.: O246300 SEC Reft MD2016050221U80 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, SAMSUNG ELECTRONICS CO., LTD. of 129, Samsung-to, 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.

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

As the below named inventor, I herel	by dec	clare that:
This assignment with declaration is directed to:		The attached application, or
The application is entitled:	M	United States Application or PCT International Application Number PCT/KR2016/011222 filed on October 7, 2016.

TERMINAL DEVICE AND METHOD FOR PERFORMING CALL FUNCTION

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.

[Page 1]

NAME OF SOLE OR FIRST INVENTOR:			
Given Name			
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A CONTRACTOR OF THE CONTRACTOR	T. C. SHILLEY T. VALLEY CO. S. V. VALLEY CO. S. V.		
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Mailing Address: 1-503, 151, Samseong-ro, Gangnam-gu, Scoul, 06	i391. Republic of Korea		
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(first and middle (if any)) Ho-sang	Family Name or Surname SUNG		
	Laura laure of Organice Octobs		
Inventor's signature	Date 191. 2. 2-018		
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NAME OF THIRD INVENTOR:	garw, Creangarao, 10x23, repulsic de reses		
Given Name (first and middle (if anyl) Eun-mi	w tw se		
(first and middle [if any]) Eun-mi	Family Name or Surname OH		
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Inventor's signstone 7MM	Date Apr. 2, 20/7		
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Mailing			
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Mailing Address: 1103-2501, 11, Nacsoniuneang-ra, Uiwang-si, Ovenneni, do 16021 Republic of Korea						

Docket No.: Q246300 SEC Ref: MD2016050221US0 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</u>, <u>Samsung ro.</u> <u>Yeongtong-gu. Suwon-si.</u> <u>Gyeonggi-do. 16677, Republic of Korea</u>, (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.

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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.

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[Page 1]

PATENT REEL: 048808 FRAME: 0570

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(first and middle [if any]) Ki-hyun	Family Name or Surname CHOO				
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[Page 3]