# 505370928 03/12/2019

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5417720

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
HAEIN LEE	02/19/2019
HYEMIN LEE	02/27/2019
HEEJUN KANG	02/19/2019
JUNGSUN PARK	02/19/2019
JIHUN YOON	02/19/2019
SEOKHO BAN	02/19/2019

## **RECEIVING PARTY DATA**

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Postal Code:	16677

## **PROPERTY NUMBERS Total: 1**

Property Type	Number	
Application Number:	16299963	

## **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER: Q244790			
NAME OF SUBMITTER: /OXANA TIMOSHENKO/			
SIGNATURE:	/OXANA TIMOSHENKO/ (TEAMS DPT)		
DATE SIGNED:	03/12/2019		
This document serves as an Oath/Declaration (37 CFR 1.63).			

PATENT 505370928 REEL: 048576 FRAME: 0557

# **Total Attachments: 6**source=Q244790ExecutedAssignDec#page1.tif source=Q244790ExecutedAssignDec#page2.tif source=Q244790ExecutedAssignDec#page3.tif source=Q244790ExecutedAssignDec#page4.tif source=Q244790ExecutedAssignDec#page5.tif

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Docket No.:

0244790 Samsung Ref: CA2018020091US0

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 FLECTRONICS CO., LTD, of 129, Samsung-ro, 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 record	ing b	at is prima facie evidence of execution under 35 USC 261)	
As the below named inventor, I here	by de	clare that:	
This assignment with declaration is directed to:	図	The attached application, or	
The application is entitled:	D	United States Application or PCT International Application Numberon	filed

## **ELECTRONIC DEVICE AND OPERATING METHOD THEREOF**

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.

NAME OF SOLE OR FIRST INVENTOR:							
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Inventor's signature	Date 2019 211.						
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Mailing Address: 129, Samsung-ro, Yeongtong-gu, Suwon-si, C	geonggi-do 16677, Republic of Korea						
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Given Name (first and middle [if any]) Hyemin	Family Name or Surname LEE						
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Given Name (first and middle (if any)) Heejun	(first and middle [if any]) Heejun Family Name or Surname KANG						
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Inventor's signature 4)2/2/							
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NAME OF SIXTH INVENTOR:	
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Docket No.: Q244790 Samsung Ref: CA2018020091US0 **Only After Sept 16, 2012** 

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

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Whereas, <u>SAMSUNG ELECTRONICS CO.</u>, <u>LTD. of 129</u>, <u>Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 16677</u>, <u>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.

(Legalization not required for record	ing b	ut is prima facie evidence of execution under 35 USC 261)	
As the below named inventor, I here	by de	clare that:	
This assignment with declaration is directed to:	Ø	The attached application, or	
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The application is entitled:			

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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.

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* * * * * * * * * * * * * * * * * * * *					

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L 330				
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**RECORDED: 03/12/2019**