## 506214036 08/20/2020

# **PATENT ASSIGNMENT COVER SHEET**

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6260779

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JAEYEON PARK	08/10/2020
ILJUN AHN	08/10/2020
YONGSUP PARK	08/10/2020
TAMMY LEE	08/10/2020
MINSU CHEON	08/10/2020

#### **RECEIVING PARTY DATA**

Name:	SAMSUNG ELECTRONICS CO., LTD.
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Postal Code:	16677

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

Property Type	Number
Application Number:	16971625

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	Q257394			
NAME OF SUBMITTER:	TEAMS- YXF			
SIGNATURE:	/yyonettefogg/			
DATE SIGNED:	08/20/2020			
	This document serves as an Oath/Declaration (37 CFR 1.63).			

PATENT 506214036 REEL: 053555 FRAME: 0973

## **Total Attachments: 4**

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Docket No.: Q257394 SEC Ref: MD-201709-028-1-US0

Only After Sept 16, 2012

## ASSIGNMENT WITH DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION 67 CFR 1.63)

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

Whereas, SAMSUNG ELECTRONICS CO., LTD. of 129, Samsung-ro, Yeongtong-gu, Sawon-si, Gyeongui-do, 16677, Republic of Korea, (assignee), desires to acquire the entire right, fitle, 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 assignce, 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 assignce, 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 hereby	/ declan	e that:													
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The application is entitled:

#### ELECTRONIC DEVICE. IMAGE PROCESSING METHOD, AND COMPUTER-READABLE RECORDING MEDIUM

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:						
Given Name (first and middle [if any]) Jaeyeon	Pamily Name or Surname PARK					
inventor's signature Tae Yeon Park	Date 2020,08.10					
Residence: Sawon-si, Republic of Korea						
Mailing Address: 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeo	uggi-do, 16677, Republic of Kores					
NAME OF SECOND INVENTOR:						
Given Name (first and middle [if any]) Ijun	Family Name or Surgans AHN					
Inventor's signature ILJW AHV	Date Ze2 % 05 70					
Residence: Suwon-si, Republic of Korea						
Mailing Address: 129, Samsung-10, Yeongtong-gu, Suwon-si, Gyro	nggi-do, 16677, Republic of Korea					
NAME OF THIRD INVENTOR:						
Given Name (first and middle [if any]) Yongsop	Family Name or Surname PARK					
Inventor's signature Yougsup Paw	( Date 2020, 08, 10					
Residence: Suwon-si, Republic of Korca						
Mailing Address: 129, Samsung-ro, Yeongtong-gu, Suwoa-si, Gyco	nggi-do, 16677, Republic of Korea					
NAME OF FOURTH INVENTOR:						
Given Name (first and middle [if any]) Tammy	Family Name or Surname LEE					
Inventor's signature	Date 2020 9 .70					
Residence: Suwon-si, Republic of Korea						
Mailing Address: 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea						
NAME OF FIFTH INVENTOR:						
Given Name (first and middle [if any]) Minsu	Family Name or Surname CHEON					
Inventor's signature	Date					
Residence: Suwon-si, Republic of Korea						
Mailing Address: 129, Samsung-to, Yeangtong-ga, Suwon-si, Gyeonggi-do, 16677, Republic of Korea						

Docket No.: O257394 SEC Ref: MD-201709-028-1-US0 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-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 recording but is prima facie evidence of execution under 35 USC 261)

As the below named inventor. I hereby declare that:

This assignment with declaration is

The attached application, or

directed to:

United States Application or PCT International Application Number PCT/KR2019/002032

filed on February 20, 2019.

The application is entitled:

#### ELECTRONIC DEVICE, IMAGE PROCESSING METHOD, AND COMPUTER-READABLE RECORDING MEDIUM

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:						
Given Name						
(first and middle [if any]) Jacycon	Family Name or Suxname PARK					
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<b>X</b>						
Residence: Suwon-si, Republic of Korea						
Mailing Address: 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeo	mai da 16677 Barakka al Karas					
NAME OF SECOND INVENTOR:	region, 10077, Replicate of Acted					
Given Name						
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Inventor's signature	Date					
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NAME OF FOURTH INVENTOR:						
Given Name						
(first and middle [if any]) Tammy	Family Name or Surname LEE					
Inventor's signature	Date					
***************************************						
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Mailing Address: 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea						
NAME OF FIFTH INVENTOR:						
Given Name (first and middle [if any]) Minsu	Family Name or Surname CHEON					
0011						
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Residence: Suwon-si, Republic of Korea						
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PATENT REEL: 053555 FRAME: 0978

**RECORDED: 08/20/2020**