

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HWA JEONG KIM	01/04/2018
JAE SIC LEE	01/04/2018
NA YUN KWAK	01/04/2018
DONG HWAN KIM	01/04/2018
SEUNG WOO SUNG	01/04/2018
MIN KYU WOO	01/04/2018
MIN KU LEE	01/04/2018
SEONG JUN LEE	01/04/2018
SANG JIN PAK	01/04/2018
SANG HYUN JUN	01/04/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SAMSUNG DISPLAY CO., LTD.
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<b>City:</b>	YONGIN-SI, GYEONGGI-DO
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>Postal Code:</b>	17113
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15940260
<b>CORRESPONDENCE DATA</b>	
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<b>NAME OF SUBMITTER:</b>	YI-MING TSENG
<b>SIGNATURE:</b>	/Yi-Ming Tseng/
<b>DATE SIGNED:</b>	03/30/2018
<b>Total Attachments: 5</b> source=20180329_SHIN00123US_DA_EF#page1.tif source=20180329_SHIN00123US_DA_EF#page2.tif source=20180329_SHIN00123US_DA_EF#page3.tif source=20180329_SHIN00123US_DA_EF#page4.tif source=20180329_SHIN00123US_DA_EF#page5.tif	

**COMBINED DECLARATION FOR PATENT APPLICATION  
AND ASSIGNMENT**

As a below-named inventors, we:

Hwa Jeong KIM	of	1, Samsung-ro, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea
Jae Sic LEE	of	1, Samsung-ro, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea
Na Yun KWAK	of	1, Samsung-ro, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea
Dong Hwan KIM	of	1, Samsung-ro, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea
Seung Woo SUNG	of	1, Samsung-ro, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea
Min Kyu WOO	of	1, Samsung-ro, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea
Min Ku LEE	of	1, Samsung-ro, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea
Seong Jun LEE	of	1, Samsung-ro, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea
Sang Jin PAK	of	1, Samsung-ro, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea
Sang Hyun JUN	of	1, Samsung-ro, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea

believe that we are the original inventors of the subject matter (process, machine, manufacture, composition of matter, or an improvement thereof) that is claimed and for which a patent is sought by way of the application entitled

**TOUCH SENSOR, TOUCH SENSOR DRIVING METHOD, AND DISPLAY DEVICE**

which  is attached hereto.

\_\_\_\_\_ was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_.

The above-identified application was made or authorized to be made by us.

We hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

FURTHER, for good and valuable consideration, receipt of which is hereby acknowledged, we hereby sell, assign and transfer to **Samsung Display Co., Ltd.** a corporation, having a place of business at 1, Samsung-ro, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea, its successors and assigns, the entire right, title and interest throughout the world in the invention for which a patent is sought by way of the above-identified application, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee

to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us, we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, its successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 4 day of Jan, 2018.

Signature Hwa Jeong KIM ←  
Hwa Jeong KIM

WITNESSED:

\_\_\_\_\_  
Signature  
\_\_\_\_\_  
Date  
\_\_\_\_\_  
Type or print name of witness

Executed this 4 day of Jan, 2018.

Signature Jae Sic LEE ←  
Jae Sic LEE

WITNESSED:

\_\_\_\_\_  
Signature  
\_\_\_\_\_  
Date  
\_\_\_\_\_  
Type or print name of witness

Executed this 4 day of Jan, 2018

Signature Na Yun KWAK ←  
Na Yun KWAK

WITNESSED:

Signature \_\_\_\_\_

Date \_\_\_\_\_

Type or print name of witness \_\_\_\_\_

Executed this 4 day of Jan, 2018

Signature Dong Hwan Kim ←  
Dong Hwan KIM

WITNESSED:

Signature \_\_\_\_\_

Date \_\_\_\_\_

Type or print name of witness \_\_\_\_\_

Executed this 4 day of Jan, 2018

Signature Seung Woo SUNG ←  
Seung Woo SUNG

WITNESSED:

Signature \_\_\_\_\_

Date \_\_\_\_\_

Type or print name of witness \_\_\_\_\_

Executed this 4 day of Jan, 2018

Signature

Min Kyu WOO  
Min Kyu WOO

WITNESSED:

Signature

Date

Type or print name of witness

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Signature

Min Ku LEE  
Min Ku LEE

WITNESSED:

Signature

Date

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Seong Jun LEE  
Seong Jun LEE

WITNESSED:

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Sang Jin PAK ←  
Sang Jin PAK

WITNESSED:

Signature

Date

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Executed this 4 day of Jan., 2018

Signature

Sang Hyun JUN ←  
Sang Hyun JUN

WITNESSED:

Signature

Date

Type or print name of witness