

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4491611

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MOTONOBU TAKEYA	07/06/2017
JONG IK LEE	07/06/2017
YOUNG HYUN KIM	07/06/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SEOUL SEMICONDUCTOR CO., LTD.
<b>Street Address:</b>	97-11, SANDAN-RO 163BEON-GIL, DANWON-GU
<b>Internal Address:</b>	GYEONGGI-DO
<b>City:</b>	ANSAN-SI
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>Postal Code:</b>	15429
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15642662
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>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.</i>	
<b>Phone:</b>	7032885105
<b>Email:</b>	PATENT@PARK-LAW.COM
<b>Correspondent Name:</b>	H.C. PARK & ASSOCIATES, PLC
<b>Address Line 1:</b>	1894 PRESTON WHITE DRIVE
<b>Address Line 4:</b>	RESTON, VIRGINIA 20191
<b>ATTORNEY DOCKET NUMBER:</b>	P6876US00
<b>NAME OF SUBMITTER:</b>	HAE-CHAN PARK
<b>SIGNATURE:</b>	/hae-chan park/
<b>DATE SIGNED:</b>	07/06/2017
<b>Total Attachments: 7</b>	
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**ASSIGNMENT SERVING AS DECLARATION PER 37 C.F.R. § 1.63(e)**

As a below named inventor and Assignor, I declare that:

This assignment and declaration are directed to:

The attached application entitled **DISPLAY APPARATUS** having attorney docket number P6876US00 ("Application"), which claims priority from: U.S. Patent Application No. 62/358,760, filed July 6, 2016.

As amended on \_\_\_\_\_ (if applicable);

The above-identified Application was made or 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 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.

Whereas, Assignor has invented certain new and useful processes, machines, articles of manufacture, compositions of matter, and/or improvements thereof ("Invention") disclosed in the Application,

Whereas, Assignor desires to convey all rights, titles, and interests in and to the same to:

**Seoul Semiconductor Co., Ltd.**  
97-11, Sandan-ro 163beon-gil  
Danwon-gu, Gyeonggi-do  
Ansan-si 15429  
Republic of Korea

**Seoul Semiconductor Co., Ltd.** herein further referred to as ("Assignee").

Now, for valuable consideration by Assignee to Assignor, the receipt of which is hereby acknowledged, and for other good and valuable consideration, Assignee and Assignor hereby agree as follows:

Assignor hereby conveys, assigns, sells and transfers to Assignee all rights, title and interests in and to the Invention disclosed in said application and in and to any Letters Patent of the United States (US), any continuation, division, renewal, or substitute thereof, and hereby grant to Assignee the right to apply in its own name for patents or Inventor's certificates and related rights heretofore or hereafter filed for the Invention in any and all countries, including (without limitation) all rights to claim priority based thereon, all patents granted thereon and all reissues, extensions and renewals thereof.

Assignor hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.



Assignor further covenants that Assignee will, upon Assignee's request, be provided promptly with all pertinent facts and documents relating to the Invention, Patent, Application and any patents granted thereon, as may be known and accessible to Assignor, and Assignor will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to Assignee or Assignee's legal representative any and all papers, instruments or affidavits required to apply for, protect, obtain, maintain, issue, defend and enforce the Application, Patent, Invention, whether in the US or any and all foreign countries and any patents granted thereon and/or for obtaining any reissue or reissues of any patent which may be granted for the invention and perform such further acts which may be necessary or desirable to carry out the intent of this agreement as the Assignee thereof shall hereafter require and prepare at assignee's expense.

IN WITNESS WHEREOF, Inventor and Assignor has hereunto set hand and seal.

First Inventor's and Assignor's Name: Motonobu TAKEYA

Address: 97-11, Sandan-ro 163beon-gil  
Danwon Gu  
Ansan-si Gyeonggi-do 15429  
Republic of Korea

First Inventor's and Assignor's Signature: Motonobu Takeya

Date: July, 6, 2017

Second Inventor's and Assignor's Name: Jong Ik LEE

Address: 97-11, Sandan-ro 163beon-gil, Danwon-gu  
Ansan-si, Gyeonggi-do 15429  
Republic of Korea

Second Inventor's and Assignor's Signature: Lee Jongik

Date: July, 6, 2017



HC Park & Associates, PLC

Docket No. P6876US00

Third Inventor's and Assignor's Name: Young Hyun KIM

Address: 97-11, Sandan-ro 163beon-gil, Danwon-gu  
Ansan-si Gyeonggi-do 15429  
Republic of Korea

Third Inventor's and Assignor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_



**ASSIGNMENT**

Whereas, Assignor has invented certain new and useful processes, machines, articles of manufacture, compositions of matter, and/or improvements thereof ("Invention") disclosed in

an application for United States Letters Patent entitled **DISPLAY APPARATUS** ("Application");

Whereas, Assignor desires to convey all rights, titles, and interests in and to the same to:

**Seoul Semiconductor Co., Ltd.  
97-11, Sandan-ro 163beon-gil  
Danwon-gu, Ansan-si  
Gyeonggi-do 15429  
Republic of Korea**

**Seoul Semiconductor Co., Ltd.** herein further referred to as ("Assignee").

Now, for valuable consideration by Assignee to Assignor, the receipt of which is hereby acknowledged, and for other good and valuable consideration, Assignee and Assignor hereby agree as follows:

Assignor hereby conveys, assigns, sells and transfers to Assignee all rights, title and interests in and to the Invention disclosed in said application and in and to any Letters Patent of the United States (US), any continuation, division, renewal, or substitute thereof, and hereby grant to Assignee the right to apply in its own name for patents or Inventor's certificates and related rights heretofore or hereafter filed for the Invention in any and all countries, including (without limitation) all rights to claim priority based thereon, all patents granted thereon and all reissues, extensions and renewals thereof.

Assignor hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor further covenants that Assignee will, upon Assignee's request, be provided promptly with all pertinent facts and documents relating to the Invention, Patent, Application and any patents granted thereon, as may be known and accessible to Assignor, and Assignor will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to Assignee or Assignee's legal representative any and all papers, instruments or affidavits required to apply for, protect, obtain, maintain, issue, defend and enforce the Application, Patent, Invention, whether in the US or any and all foreign countries and any patents granted thereon and/or for obtaining any reissue or reissues of any patent



HC Park & Associates, PLC

CORPORATE ATTORNEY

Attorney's Docket No.: P6876US00

which may be granted for the invention and perform such further acts which may be necessary or desirable to carry out the intent of this agreement as the Assignee thereof shall hereafter require and prepare at assignee's expense.

IN WITNESS WHEREOF, Assignor has hereunto set hand and seal.

Third Inventor's Name: Young Hyun KIM by Won-Cheol SEO

Address: 97-11, Sandan-ro 163beon-gil, Danwon-gu  
Ansan-si  
Gyeonggi-do 15429  
Republic of Korea

Third Inventors' Signature: Woncheol Seo

Date: July 6, 2017



**Declaration to Execute Assignment Documents for Unavailable Inventor**

I submit this declaration based upon personal knowledge of the facts herein.

In accordance with the employee invention compensation regulation based on Articles 2, 10 and 12 of the Invention Promotion Act of Republic of Korea and contractual agreement(s) with Seoul Semiconductor Co., Ltd. ("Assignee"), the following inventor/ assignor was an employee of Assignee and is obligated under Korea law to assign all rights in and to the following patent application to Assignee.

Title of Invention: DISPLAY APPARATUS

U.S. Application No. Not Available yet, filed on Not Available yet, which claims priority from US Patent Provisional Application No. 62/358,760, filed on July 6, 2016.

**First Assignor**

Name: Young Hyun KIM  
Address: 97-11, Sandan-ro 163beon-gil, Danwon-gu  
Ansan-si, Gyeonggi-do, 15429  
Republic of Korea

Moreover, I diligently attempted to contact the above-identified inventor/assignor at his last known address, but have not been successful. Accordingly, and pursuant to Korean law, I am authorized to sign the attached Assignment on behalf of this inventor/assignor.

I 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.





HC Park & Associates, PLC

COUNSELLORS AT LAW

Executed on behalf of Seoul Semiconductor Co., Ltd. at Ansan-si, Gyeonggi-do,  
Republic of Korea on the date indicated below.

By: Woncheol Seo  
Signature  
Won-Cheol SEO  
Name  
Director of Patent Team  
Title  
July 6, 2017  
Date