504658203 11/28/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4704925

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MINWOO BYUN	11/20/2017
KEONWOO KIM	11/20/2017
MANGI KIM	11/20/2017
DONGHYUN LEE	11/20/2017
BYEONGGUK JEON	11/20/2017
BYUNGSUN KIM	11/20/2017
YANGWAN KIM	11/20/2017
HYUNGJUN PARK	11/20/2017
SUJIN LEE	11/20/2017
JAEYONG LEE	11/20/2017

RECEIVING PARTY DATA

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State/Country:	KOREA, REPUBLIC OF

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15823613

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ATTORNEY DOCKET NUMBER: P7448US00

PATENT REEL: 044231 FRAME: 0115

504658203

NAME OF SUBMITTER:	HAE-CHAN PARK
SIGNATURE:	/hae-chan park/
DATE SIGNED:	11/28/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 5	
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PATENT REEL: 044231 FRAME: 0116



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 DEVICE having attorney docket number P7448US00 ("Application"), which claims priority from: Korean Patent Application No. 10-2017-0084408, filed July 3, 2017. _(if applicable); As amended on 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

> Samsung Display Co., Ltd. 1, Samsung-ro, Giheung-gu Gyeonagi-do Yongin-si

Republic of Korea

Samsung Display 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, renewel, 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 palents granted thereon and all reissues, extensions and renewals thereof.

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to:

Docket No. P7448US00

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:	Minwoo BYUN
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Date:	21) 11-20.

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Date:	Youghon Km. 2017. 11.20
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Eighth Inventor's and Assignor's Signature:	Dark Hunswinn
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	}
Tenth Inventor's and Assignor's Signature:	Lee Jae yong
Date:	2019 - 11-20

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RECORDED: 11/28/2017