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PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4723791

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GUENSIK LEE	12/04/2017
SEUNGMAN RYU	12/04/2017
ARA YOON	12/04/2017
JUNGHOON LEE	12/04/2017

RECEIVING PARTY DATA

Name:	LG DISPLAY CO., LTD.	
Street Address:	128, YEOUI-DAERO, YEONGDEUNGPO-GU	
City:	SEOUL	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	07336	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15834959

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	085246-583698
NAME OF SUBMITTER:	SUNWOO LEE
SIGNATURE:	/Sunwoo Lee/
DATE SIGNED:	12/07/2017

Total Attachments: 2

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> **PATENT** REEL: 044333 FRAME: 0184 504677069

Attorney Docket No.: 085246-583698

ASSIGNMENT

THIS ASSIGNMENT, by Guensik LEE, Seungman RYU, ARA YOON and Junghoon LEE (hereinafter collectively referred to as the "Assignor"), witnesses: WHEREAS, said Assignor has invented certain new and useful improvements in a: FLAT PANEL DISPLAY EMBEDDING OPTICAL IMAGING SENSOR, set forth in an application for Letters Patent of the United States filed 07-DEC-2017, U.S. Serial No. 15834959

WHEREAS, <u>LG Display Co., Ltd.</u>, a corporation duly organized under and pursuant to the laws of Republic of Korea, and having a principal place of business at: 128, Yeoui-daero, Yeongdeungpo-gu, Seoul, 07336, Republic of Korea (hereinafter referred to as the "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions and applications for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefore and thereon:

NOW, THEREFORE, in consideration of one Dollar (\$1.00 USD) and other good and sufficient considerations, the receipt of which is hereby acknowledged, said Assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto said Assignee, its successors, legal representatives and assigns, Assignor's interest in the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefore and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignor, had this sale and assignment not been made.

AND for the same consideration, said Assignor hereby covenants and agrees to and with said Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said Assignor is the lawful owner of the entire right, title and interest in and to said invention and the application for Letters Patent above mentioned, and that the same is unencumbered and that said Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said Assignor hereby covenants and agrees to and with said Assignee, its successors, legal representatives and assigns, that said Assignor will, whenever counsel of said Assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said Assignee, its successors, legal representatives and assigns, but at the cost and expense of said Assignee, its successors, legal representatives and assigns.

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Attorney Docket No.: 085246-583698

ASSIGNOR(S) does/do hereby authorize ASSIGNEE or its patent agents or attorneys to insert, above, the jurisdictions, application numbers, filing dates and any other indicia identifying the Applications when such information is available for the purpose of recording this assignment.

Guensik LEE Guensik LEE	
Rynseny man	2011. 12. 4
Seungman RYU	Date
ARo. Y com	<u>2017. /2. 4</u>
ARa YOON	Date
Junghoon LEE Junghoon LEE	<u> </u>