504157731 12/29/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KIYONG KIM	12/22/2016
YOUNGWOO JO	12/22/2016

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:	15391705

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	30880-35215/US	
NAME OF SUBMITTER:	DOHYUN AHN, REG. NO. 63,237	
SIGNATURE:	/Dohyun Ahn/	
DATE SIGNED:	12/29/2016	

Total Attachments: 2

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PATENT 504157731 REEL: 040801 FRAME: 0272

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to **LG Display Co., Ltd.**, a corporation of the Republic of Korea, having a place of business at 128, Yeoui-daero, Yeongdeungpo-gu, Seoul 07336, Republic of Korea ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

- 1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following provisional application filed under 35 U.S.C. § 111(b), non-provisional application filed under 35 U.S.C. § 111(a), international application filed according to the Patent Cooperation Treaty (PCT), or U.S. national phase application filed under 35 U.S.C. § 371 ("APPLICATION"):
 - U.S. Patent Application No. 15/391,705 , entitled "Driving Chip, Circuit Film, Chip-on-Film Type Driving Circuit, and Display Device Having Built-In Touchscreen," filed on December 27, 2016, which claims priority from a Republic of Korea patent application, filed on August 31, 2016, now bearing Republic of Korea Patent Application No. 10-2016-0112239 and a Republic of Korea patent application, filed on December 20, 2016, now bearing Republic of Korea Patent Application No. 10-2016-0174480.
 - 2. The entire worldwide right, title, and interest in and to:
- (a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) which may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

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30880/35215/DOCS/4171728.1

Title: Driving Chip, Circuit Film, Chip-on-Film Type Driving Circuit, and

Display Device Having Built-In Touchscreen

Filed: December 27, 2016

Application No.: 15/391,705

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Ki yong Kim	2016.12.22
KiYong KIM	Date
Young woo Jo	2016. 12.22
Youngwoo JO	Date

Attorney Docket No.: 30880-35215/US 2 of 2 30880/35215/DOCS/4171728.1

RECORDED: 12/29/2016