

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3606197

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	KYU-NAM KIM	10/30/2015
	JIN-WUK KIM	10/30/2015
	BYUNG-GEOL KIM	10/30/2015
	KYUNG-KOOK JANG	10/30/2015
	HEE-YEOL KIM	10/30/2015
	SUNG-IL WOO	10/30/2015
	TAE-YANG LEE	10/30/2015
RECEIVING PARTY DATA		
Name:	LG DISPLAY CO., LTD.	
Street Address:	128, YEOUI-DAERO, YEONGDEUNGPO-GU	
City:	SEOUL	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	150-721	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	14935294	
CORRESPONDENCE DATA		
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NAME OF SUBMITTER:	FRANK YANG, REG. NO. 65,788	
SIGNATURE:	/Frank Yang/	
DATE SIGNED:	11/06/2015	

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Total Attachments: 3

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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 150-721, 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. 14/935,294, entitled "**QUANTUM ROD COMPOSITION, QUANTUM ROD FILM AND DISPLAY DEVICE INCLUDING THE SAME,**" filed on November 6, 2015, which claims priority from a Republic of Korea patent application, filed on November 13, 2014, now bearing Republic of Korea Patent Application No. 10-2014-0158166.

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.

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

Title: QUANTUM ROD COMPOSITION, QUANTUM ROD FILM AND
DISPLAY DEVICE INCLUDING THE SAME
Filed: November 6, 2015
Application No.: 14/935,294

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.

Kyu-Nam Kim
Kyu-Nam KIM

30. Oct. 2015
Date

Jin-Wuk Kim
Jin-Wuk KIM

30. Oct. 2015
Date

Byung-Geol Kim
Byung-Geol KIM

30. Oct. 2015
Date

Kyung-Kook Jang
Kyung-Kook JANG

30. Oct. 2015
Date

Hee-Yeol KIM
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Sung-Il Woo

Sung-Il WOO

30. Oct. 2015

Date

Tae-Yang Lee

Tae-Yang LEE

30. Oct. 2015

Date