504723873 01/10/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT4770596 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HYUNGJOO KANG	01/01/2018
SALKMANN JI	01/09/2018
SAMNYOL HONG	01/09/2018

RECEIVING PARTY DATA

Name:	LG ELECTRONICS INC.	
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:	15867552

CORRESPONDENCE DATA

Fax Number: (213)623-2211

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.

Phone: 213-623-2221

Email: PATENT@LHLAW.COM

LEE, HONG, DEGERMAN, KANG & WAIMEY **Correspondent Name:**

Address Line 1: 660 S. FIGUEROA STREET

Address Line 2: **SUITE 2300**

Address Line 4: LOS ANGELES, CALIFORNIA 90017

ATTORNEY DOCKET NUMBER: 2060-5683 **NAME OF SUBMITTER:** HARRY S. LEE /Harry S. Lee/ SIGNATURE: **DATE SIGNED:** 01/10/2018

Total Attachments: 1

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PATENT REEL: 044590 FRAME: 0210

ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s)

(1) KANG, Hyungjoo (5)

(2) JI, Salkmann (6)

(3) HONG, Samnyol (7) (4) (8)

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(9) Insert name of Assignee

(9) LG ELECTRONICS INC.

(10) Insert state of Incorporation of Assignee (10) Republic of Korea

(11) Insert address of Assignee

(11) 128. Yeoui-daero, Yeongdeungpo-gu, Seoul, 07336

Republic of Korea

(hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as

(12) Insert identification of Invention, such as Title, Case Number or Foreign Application Number (12) CAMERA MODULE AND CAMERA DEVICE

for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.

- 1) The undersigned agree(s) to execute all papers necessary in connection with any original, reissue, divisional and continuing United States and foreign applications for the above-identified invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
- 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
- 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed any agreement in conflict herewith.

The undersigned hereby appoints the Attorneys associated with Customer No. 035884 the power to insert on this assignment any further identification which 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.

Date: Jan Let 298

Signature of Inventor KANG, Hyungjoo

Date: 2018, 01.09

Signature of Inventor JI, Salkmann_

Date: 2018.07.09

Signature of Inventor HONG, Samnyol

PATENT REEL: 044590 FRAME: 0211

RECORDED: 01/10/2018⁻⁷