504207390 02/01/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4254067

		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY	ΟΑΤΑ			
		Name	Execution Date	
TAE MIN HA			01/13/2017	
HYUN AH OH			01/13/2017	
RECEIVING PARTY D	ΑΤΑ			
Name:	LG INNOTEK CO., LTD.			
Street Address:		SEOUL SQUARE, NAMDAEMUNNO 5-GA, 416 HANGANG-DAERO, JUNG-GU		
City:	SEOUL	EOUL		
State/Country:	KOREA, REPUBLIC OF			
Postal Code:	100-714			
PROPERTY NUMBER Property Type		Number		
Application Number	15	414761		
Application Number:	15	414761		
Application Number: CORRESPONDENCE		414761		
	DATA	414761 52)372-5800		
CORRESPONDENCE Fax Number: <i>Correspondence will</i>	DATA (35 be sent to th			
CORRESPONDENCE Fax Number: <i>Correspondence will</i>	DATA (35 be sent to th f provided; in	52)372-5800 ne e-mail address first; if that is uns t		
CORRESPONDENCE Fax Number: <i>Correspondence will i</i> <i>using a fax number, it</i> Phone: Email:	DATA (35 be sent to th f provided; in 35 JL	52)372-5800 ne e-mail address first; if that is unst f that is unsuccessful, it will be sent 2-375-8100 @SLEPATENTS.COM		
CORRESPONDENCE Fax Number: <i>Correspondence will a using a fax number, it</i> Phone: Email: Correspondent Name	DATA (35 be sent to th f provided; in 35 JLo : JE	52)372-5800 ne e-mail address first; if that is uns f that is unsuccessful, it will be sent 2-375-8100 @SLEPATENTS.COM FF LLOYD		
CORRESPONDENCE Fax Number: <i>Correspondence will i using a fax number, it</i> Phone: Email: Correspondent Name Address Line 1:	DATA (35 be sent to th f provided; in 35 JL : JE PC	52)372-5800 ne e-mail address first; if that is unse f that is unsuccessful, it will be sent 2-375-8100 @SLEPATENTS.COM FF LLOYD D BOX 142950		
CORRESPONDENCE Fax Number: <i>Correspondence will a using a fax number, it</i> Phone: Email: Correspondent Name	DATA (35 be sent to th f provided; in 35 JL : JE PC	52)372-5800 ne e-mail address first; if that is uns f that is unsuccessful, it will be sent 2-375-8100 @SLEPATENTS.COM FF LLOYD		
CORRESPONDENCE Fax Number: <i>Correspondence will using a fax number, it</i> Phone: Email: Correspondent Name Address Line 1: Address Line 4:	DATA (35 be sent to th f provided; in 35 JL0 : JE PC GA	52)372-5800 ne e-mail address first; if that is unse f that is unsuccessful, it will be sent 2-375-8100 @SLEPATENTS.COM FF LLOYD D BOX 142950		
CORRESPONDENCE Fax Number: <i>Correspondence will a using a fax number, it</i> Phone: Email: Correspondent Name Address Line 1: Address Line 4:	DATA (35 be sent to th f provided; in 35 JL 35 JL 35 JL GA IUMBER:	52)372-5800 The e-mail address first; if that is unsub- f that is unsuccessful, it will be sent 2-375-8100 @SLEPATENTS.COM FF LLOYD D BOX 142950 AINESVILLE, FLORIDA 32614-2950		
CORRESPONDENCE Fax Number: <i>Correspondence will i using a fax number, it</i> Phone: Email: Correspondent Name Address Line 1: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER	DATA (35 be sent to th f provided; in 35 JL 35 JL 35 JL GA IUMBER:	52)372-5800 The e-mail address first; if that is unsu f that is unsuccessful, it will be sent 2-375-8100 @SLEPATENTS.COM FF LLOYD D BOX 142950 AINESVILLE, FLORIDA 32614-2950 NOB.LGI.403		
CORRESPONDENCE Fax Number: <i>Correspondence will using a fax number, it</i> Phone: Email: Correspondent Name Address Line 1:	DATA (35 be sent to th f provided; in 35 JL 35 JL 35 JL GA IUMBER:	52)372-5800 The e-mail address first; if that is unse f that is unsuccessful, it will be sent 2-375-8100 @SLEPATENTS.COM FF LLOYD D BOX 142950 AINESVILLE, FLORIDA 32614-2950 NOB.LGI.403 JEFF LLOYD		
CORRESPONDENCE Fax Number: <i>Correspondence will using a fax number, it</i> Phone: Email: Correspondent Name Address Line 1: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER SIGNATURE:	DATA (35 be sent to th f provided; in 35 JL 35 JL 35 JL GA IUMBER:	52)372-5800 De e-mail address first; if that is unsu f that is unsuccessful, it will be sent 2-375-8100 @SLEPATENTS.COM FF LLOYD D BOX 142950 AINESVILLE, FLORIDA 32614-2950 NOB.LGI.403 JEFF LLOYD /JEFF LLOYD/		
CORRESPONDENCE Fax Number: <i>Correspondence will i using a fax number, it</i> Phone: Email: Correspondent Name Address Line 1: Address Line 1: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER SIGNATURE: DATE SIGNED: Total Attachments: 3	DATA (35 be sent to th f provided; in 35 JL : JL : PC GA IUMBER: :	52)372-5800 De e-mail address first; if that is unsu f that is unsuccessful, it will be sent 2-375-8100 @SLEPATENTS.COM FF LLOYD D BOX 142950 AINESVILLE, FLORIDA 32614-2950 NOB.LGI.403 JEFF LLOYD /JEFF LLOYD/		
CORRESPONDENCE Fax Number: Correspondence will using a fax number, it Phone: Email: Correspondent Name Address Line 1: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER SIGNATURE: DATE SIGNED:	DATA (35 be sent to th f provided; in 35 JL(: JE PC GA IUMBER: : :	52)372-5800 De e-mail address first; if that is unsu f that is unsuccessful, it will be sent 2-375-8100 @SLEPATENTS.COM FF LLOYD D BOX 142950 AINESVILLE, FLORIDA 32614-2950 NOB.LGI.403 JEFF LLOYD /JEFF LLOYD/		

ASSIGNMENT

WHEREAS, I/we, the undersigned, residing at the indicated addresses given below, respectively, have invented certain new and useful improvements CAMERA MODULE AND OPTICAL APPARATUS, for which an application for United States Letters Patent was filed ______ January 25, 2017, as Serial No. <u>15/414,761</u>.

WHEREAS, LG INNOTEK CO., LTD., a corporation of the country of the **Republic of Korea**, having a place of business at (Seoul Square, Namdaemunno 5-ga) 416, Hangang-daero, Jung-gu, Seoul 100-714 Republic of Korea is desirous of acquiring the entire right, title, and inte rest in and to said invention and in and to any Letters Patent which may be granted therefor in th e United States and in any and all foreign countries;

NOW, THEREFORE, in view of valuable consideration, receipt of which is hereby acknowledged, I/we, the undersigned, have sold, assigned, and transferred, and by these presents do sell, assign, and transfer, unto said **LG INNOTEK CO., LTD.**, its successors and assigns, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title, and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in any and all divisions, reissues, continuations, and extensions thereof.

I/we hereby authorize and request the Patent Office Officials in the United States and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to LG INNOTEK CO., LTD., as the assignee of the entire right, title, and interest in and to the same, for the sole use and behoof of said LG INNOTEK CO., LTD., its successors and assigns.

FURTHER, I/we agree that I/we will communicate to said LG INNOTEK CO., LTD., or its representatives, any facts known to me respecting said invention; testify in any legal proceedings; sign all lawful papers; execute all divisional, continuation, substitution, renewal, and reissue applications; execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said LG INNOTEK CO., LTD.; make all rightful oaths; and generally do everything possible to aid the said LG INNOTEK CO., LTD., its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

Page 1 of 3

PATENT REEL: 041145 FRAME: 0165 IN TESTIMONY WHEREOF, I have hereunto set my hand this <u>13</u> day of <u>January</u>, 2017.

31 m

Signature:

Tae Min HA LG INNOTEK CO., LTD 20th Fl, Seoul Square 416, Hangang-daero, Jung-gu, Seoul 100-714 Republic of Korea

WITNESS: LEE, Ju Kyung

Signature:



Printed Name: LEE, Ju Kyung

Date: January 13, 2017

Page 2 of 3

PATENT REEL: 041145 FRAME: 0166

IN TESTIMONY WHEREOF, I have hereunto set my hand this <u>13</u> day of <u>January</u>, 2017.

Con 8

Signature:

Hyun Ah OH LG INNOTEK CO., LTD 20th Fl, Seoul Square 416, Hangang-daero, Jung-gu, Seoul 100-714 Republic of Korea

WITNESS: LEE, Ju Kyung

Signature:



Printed Name: LEE, Ju Kyung

Date: January 13, 2017

Page 3 of 3

PATENT REEL: 041145 FRAME: 0167

RECORDED: 02/01/2017