504730378 01/16/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4777102

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| SEUNG TAEK SHIN | 12/28/2017 |
| JIN SUK HAN | 12/28/2017 |
| TAE BONG PARK | 11/30/2017 |

RECEIVING PARTY DATA

| Name: | LG INNOTEK CO., LTD. |
|-----------------|----------------------|
| Street Address: | 98, HUAM-RO, JUNG-GU |
| City: | SEOUL |
| State/Country: | KOREA, REPUBLIC OF |
| Postal Code: | 04637 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15741114 |

CORRESPONDENCE DATA

Fax Number: (352)372-5800

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: 352-375-8100

Email: JL@SLEPATENTS.COM

JEFF LLOYD Correspondent Name: Address Line 1: PO BOX 142950

Address Line 4: GAINESVILLE, FLORIDA 32614-2950

| ATTORNEY DOCKET NUMBER: | KBK.LGI.174 |
|-------------------------|--------------|
| NAME OF SUBMITTER: | JEFF LLOYD |
| SIGNATURE: | /JEFF LLOYD/ |
| DATE SIGNED: | 01/16/2018 |

Total Attachments: 4

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> **PATENT** REEL: 044624 FRAME: 0725 504730378

COMBINED DECLARATION (37 C.F.R. § 1.63) AND ASSIGNMENT

As a below-named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

| Insert Title: LENS MOVING APPARATUS, AND CAMERA MODULE AND PORTABLE DEVICE INCLUDING SAME | | | | |
|---|---|--|--|--|
| | DEVICE INCLOSING SAME | | | |
| the specificatio | n for which | | | |
| | strached hereto. s filed <u>December 29, 2017</u> , Serial No. <u>15/741,114</u> . | | | |
| The above-iden | tified application was made or authorized to be made by me. | | | |
| | that I have reviewed and understand the contents of the above-identified acluding the claims, as amended by any amendment referred to above. | | | |
| I acknowledge application in a | the duty to disclose information which is material to patentability of this ccordance with Title 37, Code of Federal Regulations, § 1.56. | | | |
| I hereby acknowledge under 18 U.S.C | whedge that any willful false statement made in this declaration is punishable . 1001 by fine or imprisonment of not more than five (5) years, or both. | | | |
| | ASSIGNMENT | | | |
| WHEREAS, th application ider | e undersigned has invented certain new and useful improvements described in the atified above. | | | |
| WHEREAS, | | | | |
| Insert Assignee(s) | LG INNOTEK CO., LTD. | | | |
| Name/Address: | | | | |

(hereinafter ASSIGNEE), is desirous of acquiring the entire right, title, and interest in and to said invention and in and to any Letters Patent which may be granted therefor in the United States and in any and all foreign countries;

98, Huam-ro, Jung-gu, Seoul, 04637 Republic of Korea

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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 ASSIGNEE, 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 and to 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 ASSIGNEE, as the assignee of the entire right, title, and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its successors and assigns.

FURTHER, I/we agree that we will communicate to said ASSIGNEE, 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 ASSIGNEE; make all rightful oaths; and generally do everything possible to aid the said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

In witness whereof, executed by the undersigned on the date opposite the undersigned name.

| Legal Name of inventor | Shin, Seung Taek | Date: | 2011.12.28 |
|-------------------------|---------------------------------|--------------|---------------------------|
| Inventor's Signature | -3-th | | |
| Additional inv | entors are being named on the 2 | supplemental | sheet(s) attached hereto. |

SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 2

LEGAL NAME OF JOINT INVENTOR, IF ANY:

| Legal Name of inventor | Han, Jin Suk | Date: 2019, | 12.28 |
|-------------------------|----------------------------|-------------|---|
| Inventor's Signature | ann) | | |
| LEGAL NAME | OF JOINT INVENTOR, IF ANY: | | |
| Legal Name of inventor | Park, Tae Bong | Date: | |
| Inventor's Signature | | | |
| LEGAL NAME | OF JOINT INVENTOR, IF ANY: | | *************************************** |
| Legal Name of inventor | | Date: | |
| Inventor's Signature | | | |
| LEGAL NAME | OF JOINT INVENTOR, IF ANY: | | |
| Legal Name of inventor | | Date: | |
| Inventor's Signature | | | |
| | | | |

SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 2 of 2

| LEGAL NAME | OF JOINT INVENTOR, IF ANY: | | |
|-------------------------|----------------------------|-------|--------------|
| Legal Name of inventor | Han, Jin Suk | Date: | |
| Inventor's Signature | | | |
| LEGAL NAME | OF JOINT INVENTOR, IF ANY: | | |
| Legal Name of inventor | Park, Tae Bong | Date: | 20/1. //. 30 |
| Inventor's Signature | - parit | | |
| LEGAL NAME | OF JOINT INVENTOR, IF ANY: | | |
| Legal Name of inventor | | Date: | |
| Inventor's Signature | | | |
| LEGAL NAME | OF JOINT INVENTOR, IF ANY: | | |
| Legal Name of inventor | | Date: | |
| Inventor's Signature | | | |