PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|------------|----------------|
| Si-nae LEE | 11/04/2011 |

RECEIVING PARTY DATA

| Name: | Samsung Techwin Co., Ltd. |
|-------------------|---------------------------|
| Street Address: | 28 Sungju-dong |
| Internal Address: | Kyongsangnam-do |
| City: | Changwon-city |
| State/Country: | REPUBLIC OF KOREA |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13289495 |

CORRESPONDENCE DATA

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Correspondent Name: SUGHRUE MION, PLLC

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NAME OF SUBMITTER: Jeffrey Heller - Formalities Specialist

Total Attachments: 1

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OP \$40.00 13;

PATENT REEL: 027177 FRAME: 0993

Assignment

| Whereas, I, Si-nae LEE of Changwon-city, Republic of Korea hereinafter called assignor, have invented certain improvements in FISHEYE LENS SYSEM AND PHOTOGRAPHING APPARATUS and executed an application for Letters Patent of the United States of America therefor on; and |
|--|
| Whereas, SAMSUNG TECHWIN CO., LTD. of 28 Sungju-dong, Changwon-city, Kyongsangnam-do, Republic of Korea (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor; |
| Now therefore, for valuable consideration, receipt whereof is hereby acknowledged, |
| I, the above named assignor, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119, and I request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee. |
| I hereby authorize and request my attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number and Confirmation number, filed) the application number, confirmation number and filing date of said application when known. |
| Date: 4 November 2011 s/Si-nae LEE |

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

PATENT REEL: 027177 FRAME: 0994

RECORDED: 11/04/2011