PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------|----------------|
| SUNG-WOOK PARK | 06/21/2012 |
| JIN-YONG LEE | 06/21/2012 |

RECEIVING PARTY DATA

| Name: | SAMSUNG MEDISION CO., LTD. | |
|-----------------|---|--|
| Street Address: | 114 Yangdeok-won-ri, Nam-myeon, Hongcheon-gun | |
| City: | Gangwon-do | |
| State/Country: | ountry: JAPAN | |
| Postal Code: | 250-875 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13548886 |

CORRESPONDENCE DATA

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via US Mail.

Correspondent Name: MCDERMOTT WILL & EMERY LLP

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Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20005-3096

ATTORNEY DOCKET NUMBER: 050665-0130

NAME OF SUBMITTER: Hosang Lee 69333 (mjb)

Total Attachments: 3

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PATENT

REEL: 028546 FRAME: 0936

\$40.00

Docket No.: 050665-0130

<u>ASSIGNMENT</u>

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

| (1) Sung-wook PARK | (4) | | | | |
|--|-----|--|--|--|--|
| (2) Jin-yong LEE | (5) | | | | |
| (3) | (6) | | | | |
| who have made a certain new and useful invention, hereby sell, assign and transfer unto SAMSUNG MEDISON CO., LTD | | | | | |
| 114 Yangdeokwon-ri, Nam-myeon, Hongcheon-gun, | | | | | |
| Gangwon-do, 250-875 | | | | | |
| Republic of Korea | | | | | |
| | | | | | |

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

METHOD AND APPARATUS FOR MEASURING CAPTURED OBJECT USING BRIGHTNESS INFORMATION AND MAGNIFIED IMAGE OF CAPTURED IMAGE

- (a) for which an application for United States Letters Patent was filed on [case_filing_date], and identified by United States Application No. Not Yet Assigned; or
- (b) for which an application for United States Letters Patent was executed on,

and the undersigned hereby authorize and request the United States Commissioner for Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

| 1) | INVENTORS | DATE SIGNED | |
|----|----------------------|--------------|---|
| | Sung-wook PARK | June 21, 201 | 2 |
| 2) | Name: Sung-wook PARK | · . | |
| | Jin-yong LEE | June 21, 201 | 2 |
| | Name: Jin-yong LEE | | |

| RECORDATION FORM COVER SHEET | | | |
|---|---|--|--|
| Docket No.: 050665-0130 PATENTS ONLY | | | |
| To the Director of the U. S. Patent and Trademark Office: Please r | ecord the attached documents or the new address(es) below. | | |
| 1. Name of Conveying Party(ies) | 2. Name and address of receiving party(ies) | | |
| Sung-wook PARK, Jin-yong LEE | Name: SAMSUNG MEDISION CO., LTD. | | |
| | Internal Address: | | |
| Additional name(s) of conveying party(ies) attached? \(\subseteq \text{Yes} \subseteq \text{No} \) | | | |
| 3. Nature of Conveyance/Execution Date(s) | Address: 114 Yangdeokwon-ri, Nam-myeon, Hongcheon- | | |
| | gun, Gangwon-do, 250-875, REPUBLIC OF KOREA | | |
| Execution Date(s): June 21, 2012 | KUKLA | | |
| ✓ Assignment | | | |
| ☐ Security Agreement ☐ Change of Name | , | | |
| ☐ Joint Research Agreement | | | |
| Government Interest Assignment | | | |
| Executive Order 9424, Confirmatory License | | | |
| Other | Additional name(s) & address(es) attached? Yes No | | |
| 4. Application or patent number(s): | ☐ This document is being filed together with a new application. | | |
| A. Patent Application No(s). | B. Patent No(s). | | |
| Additional numbers attach | With the second | | |
| 5. Name and address to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: | | |
| Name: MCDERMOTT WILL & EMERY LLP | 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 | | |
| Internal Address: | Authorized to be charged by credit card | | |
| | Authorized to be charged to deposit account | | |
| Street Address: 600 13th Street, N.W. | Enclosed | | |
| City Washington Co. DC 71 20005 2006 | None required (government interest not affecting title) | | |
| City: Washington, State: DC Zip: 20005-3096 D.C. | | | |
| Phone Number: 202.756.8000 | 8. Payment Information: | | |
| Fax Number: 202.756.8087 | | | |
| Email Address: mweipdocket@mwe.com | a. Credit Card Last 4 Numbers | | |
| | Expiration Date b. Deposit Account Number 500417 | | |
| | b. Deposit Account Number 500417 Authorized User Name | | |
| | | | |
| 9. Signature. | | | |
| Hosang Lee 69,333 July 13, 2012 | | | |
| Name and Registration No. of Person Signing Signature Date | | | |
| Total number of pages including cover sheet, attachments and documents: 3 | | | |

PATENT REEL: 028546 FRAME: 0939

RECORDED: 07/13/2012