

PATENT ASSIGNMENT

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

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| Wook Yeon HWANG | 10/23/2008 |
| Joocho KIM | 10/23/2008 |
| Jung-Hyeon KIM | 10/23/2008 |
| Taek Sung LEE | 10/27/2008 |
| Byung Ki CHEONG | 10/27/2008 |
| Hyun Seok LEE | 10/27/2008 |
| Suyoun LEE | 10/27/2008 |
| Won Mok KIM | 10/27/2008 |
| Jeung-hyun JEONG | 10/27/2008 |

RECEIVING PARTY DATA

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|------------------------|---|
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| Street Address: | 39-1, Hawolgok 2-dong, Seongbuk-gu |
| City: | Seoul |
| State/Country: | REPUBLIC OF KOREA |

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| Street Address: | Maetan 416 Maetan 3-dong, Yeongtong-gu, Suwon-si |
| City: | Gyeonggi-do |
| State/Country: | REPUBLIC OF KOREA |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12260509 |

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CH \$40.00 12260509

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| ATTORNEY DOCKET NUMBER: | HWAN3070/EM |
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| NAME OF SUBMITTER: | Eugene Mar |
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Total Attachments: 3
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ASSIGNMENT

WHEREAS, I (we), Wook Yeon HWANG, Jooho KIM, Jung-Hyeon KIM, Taak Sung LEE, Byung KI CHEONG, Hyun Saok LEE, Suyoun LEE, Won Mok KIM and Jeung-hyun JEONG whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, is(are) the owner of certain new and useful improvements in **OPTICAL RECORDING MEDIUM HAVING SUPER-RESOLUTION STRUCTURE FOR IMPROVEMENT OF REPRODUCING STABILITY AND NOISE CHARACTERISTIC IN LOW FREQUENCY BAND** (hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

executed on even date herewith

executed on:

filed on:

Serial No.:

established by PCT International Patent Application No.:

filed:

designating the United States of America

WHEREAS, KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY and SAMSUNG ELECTRONICS CO., LTD. whose post office address is 39-1, Hwalgok 2-dong, Seongbuk-gu, Seoul, Republic of Korea and Maetan 416 Maetan 3-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea, respectively, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States;

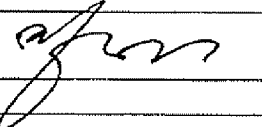
NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.

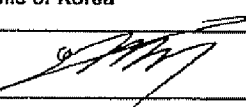
ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the INVENTION that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.

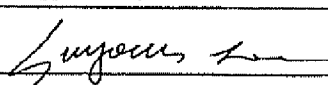
ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

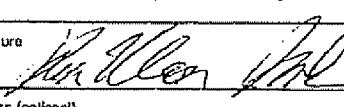
ASSIGNOR authorizes any member of the firm of Bacon & Thomas to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

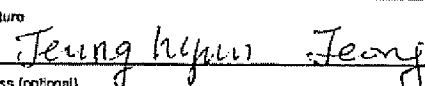
ASSIGNMENT

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| Assignor Name | Byung Ki CHEONG | Address | Samik Mansion 209-1103, Songpa 2-dong, Songpa-gu, Seoul, Republic of Korea |
| Where Signed | Seoul, Republic of Korea | | |
| Date | Oct 27, 2008 | Signature |  |
| Witness (optional) | | Witness (optional) | |
| | Print/Type Name | | Print/Type Name |
| | Signature | | Signature |

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| Assignor Name | Hyun Seok LEE | Address | 1082-19, Daerim 2-dong, Yeongdeungpo-gu, Seoul, Republic of Korea |
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| Date | Oct. 27. 2008 | Signature |  |
| Witness (optional) | | Witness (optional) | |
| | Print/Type Name | | Print/Type Name |
| | Signature | | Signature |

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| Assignor Name | Suyoun LEE | Address | Sinjeong Maeul 206-1104, 1014, Pungdeokcheon-dong, Suji-gu, Yongin-si, Gyeonggi-do, Republic of Korea |
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| Date | Oct. 27. 2008 | Signature |  |
| Witness (optional) | | Witness (optional) | |
| | Print/Type Name | | Print/Type Name |
| | Signature | | Signature |

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| Date | Oct. 27, 2008 | Signature |  |
| Witness (optional) | | Witness (optional) | |
| | Print/Type Name | | Print/Type Name |
| | Signature | | Signature |

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| Assignor Name | Jaung-hyun JEONG | Address | Gwahakja Apt. C-104, Korea Institute of Science and Technology, 39-1, Hawolgok 2-dong, Seongbuk-gu, Seoul, Republic of Korea |
| Where Signed | Seoul, Republic of Korea | | |
| Date | Oct. 27. 2008 | Signature |  |
| Witness (optional) | | Witness (optional) | |
| | Print/Type Name | | Print/Type Name |
| | Signature | | Signature |