502351906 05/17/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------|----------------|
| Wan-Jun PARK | 05/08/2013 |

RECEIVING PARTY DATA

| Name: | SK hynix Inc. |
|-----------------|------------------------------------|
| Street Address: | 2091, Gyeongchung-daero, Bubal-eub |
| City: | Icheon |
| State/Country: | KOREA, REPUBLIC OF |
| Postal Code: | 467-734 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13892199 |

CORRESPONDENCE DATA

Fax Number: 4253483299

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 425-348-3500

Email: docketing@ampacc.com

Correspondent Name: AMPACC LAW GROUP, PLLC

Address Line 1: 6100 219th St. SW

Address Line 2: Suite 580

Address Line 4: Mountlake Terrace, WASHINGTON 98043

| K100IM-039900US |
|-----------------------|
| Kevin W. Raudebaugh |
| /Kevin W. Raudebaugh/ |
| 05/17/2013 |
| |

Total Attachments: 1

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PATENT REEL: 030436 FRAME: 0639

Attorney Docket No.: K1001M-039900US Client Reference No.: IN-00044-US

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, the below named individual, hereinafter referred to as "ASSIGNOR," is the inventor of the inventor described and set forth in the below-identified application for United States Letters Pagent:

Title of Invention:

NONVOLATILE MAGNETIC MEMORY DEVICE

Filing Date:

May 10, 2013

Application No.:

13/892,199

WHEREAS, SK hymix inc., located at 2091, Gycongchung-daero, Buhal-ouh, Icheon, Oyeonggi-do 467-754. Republic of Korea, and Industry-University Cooperation Foundation Hanyang University, located at 17, Hasngdang-dong, Scongdong-gu, Scoul 133-070, Republic of Korea, bereinafter referred to as "ASSIGNEES," are destrous of acquiring Assignor's interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said. Assignees, and Assignees' successors and assigns, all right, title and interest in and to the said invention and application including any corresponding foreign application, and in and to any Letters Parent which may hereafter be granted on the same in the United States and any corresponding foreign application, the said interest to be held and enjoyed by said Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that he or she will, without charge to Assignees, but at Assignees' expense, cooperate with Assignees in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignees lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and so vest title thereto in Assignees, or Assignees' successors and assigns.

Assigned hereby authorizes and requests AMPACC Law Group, PLLC, 6100 2198 Street SW, Suite 586, Mountake Terrace, WA 98043, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assigner has signed his/her name on the date

indicated.

Cinta