# PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

## **CONVEYING PARTY DATA**

| Name              | Execution Date |
|-------------------|----------------|
| Jung-ho Moon      | 01/16/2007     |
| Chul-soon Kwon    | 01/16/2007     |
| Jae-min Yu        | 01/16/2007     |
| Jae-hyun Park     | 01/16/2007     |
| Young-cheon Jeong | 01/16/2007     |
| In-gu Yoon        | 01/16/2007     |

### **RECEIVING PARTY DATA**

| Name:           | Samsung Electronics Co., Ltd.               |
|-----------------|---|
| Street Address: | 416, Maetan-dong, Yeongtong-gu, Gyeonggi-do |
| City:           | Suwon-si                                    |
| State/Country:  | KOREA, REPUBLIC OF                          |

### PROPERTY NUMBERS Total: 1

| Property Type       | Number   |  |  |
|---------------------|----------|--|--|
| Application Number: | 11624464 |  |  |

## **CORRESPONDENCE DATA**

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| ATTORNEY DOCKET NUMBER: | 8111S-85 (SIP050365US) |
|-------------------------|------------------------|
|-------------------------|------------------------|

NAME OF SUBMITTER: Jay H. Maioli

PATENT

REEL: 018771 FRAME: 0136

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PATENT REEL: 018771 FRAME: 0137

#### ASSIGNMENT DOCKET NO : 41115-86 (SIP060365US)

AS A BELOW NAMED INVENTOR, I, and each of us, individually hereby declare that: IN CONSIDERATION of the sum of TEN (\$10.00) dollars or the equivalent thereof, and other good and valuable consideration, the receipt of which from the hereinafter named Assignee is hereby acknowledged, I do hereby sell, assign and forever grant and convey unto:

ASSIGNEE: Samsung Electronics Co., Ltd.

ADDRESS: 416, Maetari-dong, Yeongtong-gu, Suwon-el, Gyeonggi-do, KOREA

Who is my Assignee, and to the successes and assigns of my Assignee, all my right, title and interest, in and for the United States of America and all other countries, including all rights of priority, in and to the invention entitled:

TITLE: NONVOLATILE MEMORY DEVICE AND METHOD OF FABRICATING THE

invented by me (if only one inventor is named below) or us (if more than one inventor is named below) and described in an application for a United States patent the specification of which is either attached hereto or otherwise accompanies this Assignment or indicates an attorney docket no. 8111S-85 (SIP050365US), or is more particularly identified as:

| G   | executed on | even date herewith, or |     |      |        |    |           |        |    |
|-----|-------------|------------------------|-----|------|--------|----|-----------|--------|----|
| G · | Serial No.  | fledin                 | the | U.S. | Patent | 8. | Trademark | Office | 01 |
|     | Or          |                        |     |      |        |    |           |        |    |

and in and to all United States patents which may be granted thereon and therefore, and in and to all certificates of corrections, divisions, continuations, continuations-in-part, released and reexamined patents, and to any extensions thereof, said interest being the entire ownership of the patent when granted, to be held and enjoyed by said SAMSUNG ELECTRONICS CO., LTD., my Assignee, its successors, sesigns or other legal representatives, to the full end of the term, terms, or any extension or renewal thereof, for which said patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment, sale and conveyance had not been made:

AND I hereby/covenant: and agree, to isign and execute any further documents or instruments which may from time-to-time be either necessary, lawful, proper or requested by the Assignee, in the prosecution of the above-named application or in the preparation and prosecution of any certificate of correction, division, continuation, continuation-in-part, release, re-examination, in any amendment, extension, or interference proceeding, whether administrative or judicial; or otherwise, to secure the title hereto in said Assignee;

AND I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Patent or Patents to the Assignee, and I hereby appoint as my, or our attorney, and authorize and request Frank Chau, Reg. No. 34.136, to insert on this Assignment any further identification or to complete such identification which may be either necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document,

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IN WITNESS WHEREOF, I and we have set our hands and seals on the dates written beside my and our respective names:

Date Signed

| Jung-ho MOON  | 2009. 1.16 |
|---------------|------------|
| Chulsoon KWON | 2007. 1.16 |
| Brown         | <br>       |

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INVENTOR(S)

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### DECLARATION Attorney Docket No. 81115-86 (6)P050365U6)

AS A BELOW NAMED INVENTOR, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name.

I believe that I am the original, first and sole (If only one name is listed below), or an original, first and joint inventor (If plural names are listed below), of the subject matter which is claimed and for which a patent is sought on the invention entitled:

| (// <b>LE</b> :                                 | MONVOLATILE  | MEMOKA DEVICE AND METHOD OF PAR  | BRICATING THE SAME   |
|---|--|--|--|
| the specif                                      | fication of which either is  | attached hereto or indicates an attorney docket r  | no. <u>8111S-85 (SIPOSO365US)</u> , or:  |
| G was f   | iled in the U.S. Patent  | & Trudemark Office on  | and assigned Serial No.  |
| em. P   |  |  |  |
| G and N   | fapplicable) was amende  | d on   | nd 1 de marie annue de la company de la comp |
| claims, as patentable of the patent or than the | s amended by any amenda<br>lity and to the examination<br>claim foreign priority be<br>inventors a certificate, or<br>United States, listed be | reviewed and understand the contents of the abment referred to above. I acknowledge the duty to a finish application in accordance with Title 37 mefits under Title 35. U.S. Code 119(a)-(d) of 365(a) of any PCT international application value and bave also identified below any fore that of the application on which priority is classed.  | to disclose information which is material to<br>for the Code of Foderal Regulations 1.56<br>r 1365(b) of any foreign application(s) for<br>which designated at least one country other<br>sign applications for patent or inventors:   |
| Priority  | Cialmed:   |  |  |
| 10-2006-  | 0006449  | : CKORBA (%)   | 20 January 2006  |
|   | län Number)  | ((Country))  | (Day/Month/Year,filed)   |
| (Applicati                                      | on Number)   | (Country)  | (Day/Month/Year filed)   |
| United States and Delow an PCT Inte             | tates provisional application, insofar as the subject of mational application(s) in to disclose information occame available between           | t under Title 35, U.S. Code, 120 of any Unite ion(s), or 365(c) of any PCT International application of each of the claims of this application is a the manner provided by the first paragraph of naterial to patentability as defined in Title 37, 7 the filing date of the prior application and the tension of the prior application and the prior application and the tension of the tension o | ication designating the United States, listed<br>s not disclosed in the prior United States of<br>Title 35, U.S. Code, 112, I acknowledge<br>The Code of Federal Regulations, 1.56(a   |
| · (Applicat                                     | ton Sarial Number)   | (Filling Date) (ST   | ATUS: patented, pending, abandoned)  |
| continuat<br>to substi                          | rangact all business in  | the practitioners associated with the <u>Customer Name</u> the U.S. Patent and Trademark Office connections or re-examination application, with full by or agent, and to receive all patents which   | ected therewith and with any divisional power of appointment and with full powe  |
| ,, ,,   |  | Frank Chau, Esq.<br>F. CHAU & ASSOCIATES, LLC  | c  |

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Area Code: 516-692-8888

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**RECORDED: 01/18/2007** 

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