

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Seong-Je PARK</td> <td>08/31/2011</td> </tr> <tr> <td>Jung-Hwan LEE</td> <td>08/31/2011</td> </tr> <tr> <td>Ji-Hwan KIM</td> <td>08/31/2011</td> </tr> <tr> <td>Myung CHO</td> <td>08/31/2011</td> </tr> <tr> <td>Beom-Seok HAH</td> <td>08/31/2011</td> </tr> </tbody> </table>		Name	Execution Date	Seong-Je PARK	08/31/2011	Jung-Hwan LEE	08/31/2011	Ji-Hwan KIM	08/31/2011	Myung CHO	08/31/2011	Beom-Seok HAH	08/31/2011
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Beom-Seok HAH	08/31/2011												
RECEIVING PARTY DATA													
Name:	Hynix Semiconductor Inc.												
Street Address:	San 136-1, Ami-ri, Bubal-eup, Icheon-si,												
City:	Gyeonggi-do,												
State/Country:	REPUBLIC OF KOREA												
Postal Code:	467-701												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13232304</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13232304								
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Application Number:	13232304												
CORRESPONDENCE DATA													
Fax Number:	(571)327-5452												
Phone:	571-327-5450												
Email:	ipntlaw@ipntlaw.com												
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
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Address Line 2:	Suite 207												
Address Line 4:	Annandale, VIRGINIA 22003												
ATTORNEY DOCKET NUMBER:	P10H0245/US												
NAME OF SUBMITTER:	Jung H. Kim												
Total Attachments: 2 source=P10H0245US-Assignment#page1.tif source=P10H0245US-Assignment#page2.tif													

OP \$40.00 13232304

501657523

PATENT
REEL: 026903 FRAME: 0476

ASSIGNMENT OF PATENT APPLICATION

WHEREAS I/We, the below named inventor(s) has made an invention entitled:
NON-VOLATILE MEMORY DEVICE AND METHOD FOR OPERATING THE SAME

For which I/We executed an application for Letters Patent of the United States concurrently herewith; and/or
For which I/We filed an application for Letters Patent of the United States on _____ (Application No. _____),

BE IT KNOWN that, for good and valuable consideration, the receipt of which is hereby acknowledged, I/We, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto **Hynix Semiconductor Inc.**, a corporation of the Republic of Korea, whose post office address is **San 136-1, Ami-ri, Bubal-eup, Icheon-si, Gyeonggi-do 467-701, Republic of Korea** (hereinafter referred to as Assignee), its lawful successors and assigns my/our entire right, title, and interest in and to this application and the invention(s) and improvement(s) set forth therein; and any and all continuations, continuations-in-part, divisionals, and renewals of and substitutes for said application for said Letters Patent and any and all Letters Patent of the United States and of countries foreign thereto, which may be granted thereon or therefore; and any reissues, reexaminations, or extensions of all such Letters Patent.

I/WE HEREBY authorize the Assignee, its lawful successors and assigns to apply for Letters Patent in all countries foreign to the United States directly in its own name, and to claim priority of the filing date of any of the above-mentioned applications for Letters Patent of the United States and of countries foreign thereto under the provisions of any and all international conventions and treaties.

I/WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States and official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as foresaid, to issue all Letters Patent for this invention to the Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with said Assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid said Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and in countries foreign thereto, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.


AND, I/WE HEREBY authorize and request the attorneys of record to insert the serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been known to them by the United States Patent and Trademark Office.

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

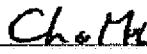
Signature of first assignor: _____ Date August 31, 2011
Name of first assignor: **PARK, Seong-Je**
Address: **San 136-1, Ami-ri, Bubal-eup, Icheon-si, Gyeonggi-do 467-701, Republic of Korea**

Signature of second assignor: _____ Date August 31, 2011
Name of second assignor: **LEE, Jung-Hwan**
Address: **San 136-1, Ami-ri, Bubal-eup, Icheon-si, Gyeonggi-do 467-701, Republic of Korea**

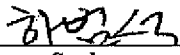
Signature of third assignor:
Name of third assignor:
Address:


_____ Date August 31, 2011
KIM, Ji-Hwan
San 136-1, Ami-ri, Bubal-eup, Icheon-si, Gyeonggi-do 467-701, Republic of Korea

Signature of fourth assignor:
Name of fourth assignor:
Address:


_____ Date August 31, 2011
CHO, Myung
San 136-1, Ami-ri, Bubal-eup, Icheon-si, Gyeonggi-do 467-701, Republic of Korea

Signature of fifth assignor:
Name of fifth assignor:
Address:


_____ Date August 31, 2011
HAH, Beom-Seok
San 136-1, Ami-ri, Bubal-eup, Icheon-si, Gyeonggi-do 467-701, Republic of Korea