

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Sungju SON</td> <td>08/27/2012</td> </tr> <tr> <td>Youncheul KIM</td> <td>08/27/2012</td> </tr> <tr> <td>Sungho KIM</td> <td>08/27/2012</td> </tr> <tr> <td>Donguc KO</td> <td>08/27/2012</td> </tr> </tbody> </table>		Name	Execution Date	Sungju SON	08/27/2012	Youncheul KIM	08/27/2012	Sungho KIM	08/27/2012	Donguc KO	08/27/2012
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<table border="1"> <tr> <td>Name:</td> <td>SK HYNIX INC.</td> </tr> <tr> <td>Street Address:</td> <td>2091, Gyeongchung-daero, Bubal-eub, Icheon-si</td> </tr> <tr> <td>City:</td> <td>Gyeonggi-do</td> </tr> <tr> <td>State/Country:</td> <td>KOREA, REPUBLIC OF</td> </tr> </table>		Name:	SK HYNIX INC.	Street Address:	2091, Gyeongchung-daero, Bubal-eub, Icheon-si	City:	Gyeonggi-do	State/Country:	KOREA, REPUBLIC OF		
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CORRESPONDENCE DATA											
Fax Number: 5713275452 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> Correspondent Name: IP & T GROUP LLP Address Line 1: 8230 Leesburg Pike Address Line 2: Suite 650 Address Line 4: Vienna, VIRGINIA 22182											
ATTORNEY DOCKET NUMBER:	P12HE133/US										
NAME OF SUBMITTER:	Jun Jeong Park										
Total Attachments: 1 source=P12HE133US-Assignment#page1.tif											

OP \$40.00 13610451

ASSIGNMENT OF PATENT APPLICATION

WHEREAS I/We, the below named inventor(s) has made an invention entitled:

E-FUSE ARRAY CIRCUIT

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 SK hynix Inc., a corporation of the Republic of Korea, whose post office address is 2091, Gyeongchung-daero, Buhal-eub, Icheon-si, Gyeonggi-do, 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 thereafter; 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 aforesaid, 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 attorney 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:

Name of first assignor:

Address:

SON, Sungju

3101 North First Street San Jose, CA 95134 U.S.A

Date 8/29/2012

Signature of second assignor:

Name of second assignor:

Address:

KIM, Youncheul

3101 North First Street San Jose, CA 95134 U.S.A

Date 8/24/2012

Signature of third assignor:

Name of third assignor:

Address:

KIM, Sunghe

2091, Gyeongchung-daero, Buhal-eub, Icheon-si, Gyeonggi-do, Korea

Date 8/29/2012

Signature of fourth assignor:

Name of fourth assignor:

Address:

KO, Donguc

2091, Gyeongchung-daero, Buhal-eub, Icheon-si, Gyeonggi-do, Korea

Date 8/29/2012