

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Jae Won CHA</td><td>12/12/2007</td></tr><tr><td>Sam Kyu WON</td><td>12/12/2007</td></tr><tr><td>Kwang Ho BAEK</td><td>12/12/2007</td></tr></tbody></table>	Name	Execution Date	Jae Won CHA	12/12/2007	Sam Kyu WON	12/12/2007	Kwang Ho BAEK	12/12/2007	
Name	Execution Date								
Jae Won CHA	12/12/2007								
Sam Kyu WON	12/12/2007								
Kwang Ho BAEK	12/12/2007								
RECEIVING PARTY DATA									
Name:	Hynix Semiconductor Inc.								
Street Address:	San 136-1, Ami-ri, Bubal-eup, Gyeonggi-do								
City:	Icheon-si								
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>11962054</td></tr></tbody></table>	Property Type	Number	Application Number:	11962054					
Property Type	Number								
Application Number:	11962054								
CORRESPONDENCE DATA									
Fax Number:	(415)576-0300								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	415-576-0200								
Email:	jae@townsend.com								
Correspondent Name:	Steve Y. Cho								
Address Line 1:	Townsend and Townsend and Crew LLP								
Address Line 2:	Two Embarcadero Center, Eighth Floor								
Address Line 4:	San Francisco, CALIFORNIA 94111-3834								
ATTORNEY DOCKET NUMBER:	00939C-156600US								
NAME OF SUBMITTER:	Jocelyn Eskow								
Total Attachments: 1 source=00939C-156600US_ASN_2008-1-28#page1.tif									

CH 11962054 \$40.00

PATENT

500450050

REEL: 020425 FRAME: 0790

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, the below-listed individuals, herein referred to as "Assignors," are the inventors of the invention described and set forth in the following application for United States Letters Patent:

FLASH MEMORY DEVICE AND METHOD OF OPERATING THE SAME

Filed December 20, 2007, as U.S. Application No. 11/962,054

WHEREAS, **Hynix Semiconductor Inc., of San 136-1, Ami-ri, Bubal-eub, Icheon-si, Kyoungki-do, Republic of Korea** hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, California 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Date: December 12, 2007

2r 2y 91
Name: Jae Won CHA

Date: December 12, 2007

Skym
Name: Sam Kyu WON

Date: December 12, 2007

Kuwalu
Name: Kwang Ho BAEK