

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>Nam Kyeong Kim</td><td>05/15/2008</td></tr><tr><td>Ju Yeab Lee</td><td>05/15/2008</td></tr></tbody></table>	Name	Execution Date	Nam Kyeong Kim	05/15/2008	Ju Yeab Lee	05/15/2008			
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RECEIVING PARTY DATA									
<table border="1"><tr><td>Name:</td><td>Hynix Semiconductor Inc.</td></tr><tr><td>Street Address:</td><td>San 136-1, Ami-ri, Bubal-eub, Kyoungki-do</td></tr><tr><td>City:</td><td>Icheon-si</td></tr><tr><td>State/Country:</td><td>REPUBLIC OF KOREA</td></tr></table>	Name:	Hynix Semiconductor Inc.	Street Address:	San 136-1, Ami-ri, Bubal-eub, Kyoungki-do	City:	Icheon-si	State/Country:	REPUBLIC OF KOREA	
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PROPERTY NUMBERS Total: 1									
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Property Type	Number								
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CORRESPONDENCE DATA									
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NAME OF SUBMITTER:	Shelley Reames								
Total Attachments: 1 source=00939C-168400US-ASN#page1.tif									

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PATENT
REEL: 021137 FRAME: 0145

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 OPERATING METHOD THEREOF

Filed May 30, 2008, as U.S. Application No. 12/130,906

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: May 15, 2008

Nam Kyeong KIM
Name: Nam Kyeong KIM

Date: May 15, 2008

Yu Yeob LEE
Name: Yu Yeob LEE