

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Yun-Taek HWANG	12/26/2008
Yu-Jin LEE	12/26/2008
RECEIVING PARTY DATA	
Name:	Hynix Semiconductor Inc.
Street Address:	San 136-1, Ami-ri
Internal Address:	Bubal-eup
City:	Icheon-si, Gyeonggi-do
State/Country:	REPUBLIC OF KOREA
Postal Code:	467-701
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12344443
CORRESPONDENCE DATA	
Fax Number:	(703)518-5499
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	7036841111
Email:	fykim@ipfirm.com
Correspondent Name:	LOWE HAUPTMAN HAM & BERNER, LLP
Address Line 1:	1700 DIAGONAL ROAD
Address Line 2:	SUITE 300
Address Line 4:	ALEXANDRIA, VIRGINIA 22314
ATTORNEY DOCKET NUMBER:	123037-0075
NAME OF SUBMITTER:	Yoon S. Ham

Total Attachments: 2
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PATENT
REEL: 022030 FRAME: 0911

OP \$40.00 12344443

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- | | |
|--------------------|----------------|
| 1) HWANG, Yun-Taek | 2) LEE, Yu-Jin |
| 3) | 4) |
| 5) | 6) |

who has made a certain new and useful invention, hereby sells, assigns and transfers unto Hynix Semiconductor Inc. having a place of business at San 136-1, Ami-ri, Bubal-eup, Icheon-si, Gyeonggi-do 467-701, Republic of Korea, its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled RESISTIVE MEMORY DEVICE AND METHOD OF FABRICATING THE SAME

- (a) for which an application for United States Letters Patent was filed on _____, and identified by United States Patent Application No. _____; or
- (b) for which an application for United States Letters Patent was executed on _____,

and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefore and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside my signature:

1) Idwang Yun Taek
Name: HWANG, Yun-Taek

Date: December 26, 2008

2) _____
Name: LEE, Yu-Jin

Date:

3) _____
Name:

Date:

4) _____
Name:

Date:

Docket No.: _____

ASSIGNMENT

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- | | |
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SIGNED on the date indicated aside my signature:

1) _____
Name: HWANG, Yun-Taek

Date:

2) _____
Name: LEE, Yu-Jin

Date: December 26, 2008

3) 
Name: _____

Date:

4) _____
Name: _____

Date: