

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>HEON YONG CHANG</td> <td>08/30/2008</td> </tr> <tr> <td>SANG HEON KIM</td> <td>08/30/2008</td> </tr> </tbody> </table>		Name	Execution Date	HEON YONG CHANG	08/30/2008	SANG HEON KIM	08/30/2008
Name	Execution Date						
HEON YONG CHANG	08/30/2008						
SANG HEON KIM	08/30/2008						
RECEIVING PARTY DATA							
Name:	HYNIX SEMICONDUCTOR INC.						
Street Address:	San 136-1, Ami-ri, Bubal-eub, Icheon-si						
City:	Kyoungki-do						
State/Country:	KOREA, REPUBLIC OF						
PROPERTY NUMBERS Total: 1							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12211239</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12211239		
Property Type	Number						
Application Number:	12211239						
CORRESPONDENCE DATA							
Fax Number:	(312)427-6663						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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ATTORNEY DOCKET NUMBER:	CU-6977 WWP/NK						
NAME OF SUBMITTER:	Woochoon W. Park						
Total Attachments: 2 source=cu6977assign#page1.tif source=cu6977assign#page2.tif							

CH \$40.00 12211239

UNITED STATES OF AMERICA
ASSIGNMENT

In consideration of the payment of ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for the other good and valuable consideration,

ASSIGNOR:

Name : Heon Yong CHANG

Address : 434-1703, Samsung Raemian Apt., Cheongmyung Maeul, Yeongtong-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Korea

Name: Sang Heon KIM

Address: 501, Songam village, 836-51, Yeocksam 1- dong, Kangnam-gu, Seoul, Korea

(INVENTOR NAME AND ADDRESS)

hereby sells, assigns and transfers to

ASSIGNEE:

Name : Hynix Semiconductor Inc.

Address : San 136-1, Ami-ri, Bubal-eup, Icheon-si, Gyeonggi-do, Korea

(ASSIGNEE NAME AND ADDRESS)

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions in and to, any and all improvements which are disclosed in the invention entitled:

PHASE CHANGE MEMORY DEVICE PREVENTING CONTACT LOSS AND
METHOD FOR MANUFACTURING THE SAME

(TITLE)

and which is found in *(check one applicable item below)*

U.S. patent application executed on even date herewith

U.S. Application Serial No. _____ filed on _____

and, in and to all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, substitute, reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters

Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/we have set our hand and seal

AUGUST 30, 2008

Date

August 30, 2008

Date

CHANG Heon Yong

INVENTOR: Heon Yong CHANG

KIM Sang Heon

INVENTOR: Sang Heon KIM

0699P/1

PATENT

RECORDED: 09/16/2008

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