PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NAM KYUN PARK	06/30/2010

RECEIVING PARTY DATA

Name:	HYNIX SEMICONDUCTOR INC.
Street Address:	SAN 136-1, AMI-RI, BUBAL-EUB, ICHON-SI
City:	GYEONGGI-DO
State/Country:	REPUBLIC OF KOREA
Postal Code:	467-860

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12833116

CORRESPONDENCE DATA

Fax Number: (312)427-6663

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 3124271300

Email: nicholas.kubacki@ladas.net

Correspondent Name: RICHARD J. STREIT

Address Line 1: LADAS & PARRY, 224 SOUTH MICHIGAN AVE.

Address Line 4: CHICAGO, ILLINOIS 60604

ATTORNEY DOCKET NUMBER: CU-8424 BWH/HYNIX/NK

NAME OF SUBMITTER: Brian W. Hameder

Total Attachments: 2

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> PATENT REEL: 024657 FRAME: 0905

CH \$40.00 128551

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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:

PARK, Nam Kyun San 136-1, Ami-ri, Bubal-eub, Ichon-si, Gyeonggi-do 467-860, Republic of Korea

hereby sells, assigns and transfers to

ASSIGNEE:

Hynix Semiconductor Inc. San 136-1, Ami-ri, Bubal-eub, Ichon-si, Gyeonggi-do 467-860, Republic of Korea

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 Application entitled

PHASE CHANGE MEMORY DEVICE CAPABLE OF REDUCING DISTURBANCE AND METHOD OF MANUFACTURING THE SAME

which app	plication was
d	(a) executed on event date herewith
	(b) filed as Serial Noon

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

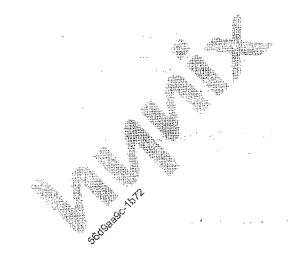
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PATENT REEL: 024657 FRAME: 0906 as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, 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

PORK Ham Kyun PARK, Nam Kyun

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