

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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 style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kyu Nam LIM</td> <td>11/10/2010</td> </tr> <tr> <td>Hong Sok CHOI</td> <td>11/10/2010</td> </tr> <tr> <td>Ki Myung KYUNG</td> <td>11/10/2010</td> </tr> <tr> <td>Mun Phil PARK</td> <td>11/10/2010</td> </tr> <tr> <td>Sun Hwa PARK</td> <td>11/10/2010</td> </tr> </tbody> </table>		Name	Execution Date	Kyu Nam LIM	11/10/2010	Hong Sok CHOI	11/10/2010	Ki Myung KYUNG	11/10/2010	Mun Phil PARK	11/10/2010	Sun Hwa PARK	11/10/2010
Name	Execution Date												
Kyu Nam LIM	11/10/2010												
Hong Sok CHOI	11/10/2010												
Ki Myung KYUNG	11/10/2010												
Mun Phil PARK	11/10/2010												
Sun Hwa PARK	11/10/2010												
RECEIVING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Hynix Semiconductor Inc.</td> </tr> <tr> <td>Street Address:</td> <td>San 136-1, Ami-ri, Bubal-eup</td> </tr> <tr> <td>City:</td> <td>Icheon-si Gyeonggi-do</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-eup	City:	Icheon-si Gyeonggi-do	State/Country:	REPUBLIC OF KOREA				
Name:	Hynix Semiconductor Inc.												
Street Address:	San 136-1, Ami-ri, Bubal-eup												
City:	Icheon-si Gyeonggi-do												
State/Country:	REPUBLIC OF KOREA												
PROPERTY NUMBERS Total: 1													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12962254</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12962254								
Property Type	Number												
Application Number:	12962254												
CORRESPONDENCE DATA													
Fax Number: (630)908-7653 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 630 908 7652 Email: uspto.actions@wwplaw.com Correspondent Name: William Park & Associates LTD. Address Line 1: 930 N. York Road, Suite 201 Address Line 4: Hinsdale, ILLINOIS 60521													
ATTORNEY DOCKET NUMBER:	PA0049-0												
NAME OF SUBMITTER:	Woochoon W. Park												
Total Attachments: 3 source=PA0049-0_Assignment#page1.tif													

OP \$40.00 12962254

501371453

PATENT
REEL: 025464 FRAME: 0224

source=PA0049-0_Assignment#page2.tif

source=PA0049-0_Assignment#page3.tif

DOCKET:

PATENT

ASSIGNMENT OF APPLICATION

Now, therefore, in consideration of the sum of one dollar (\$1), the receipt whereof is acknowledge, and other good and valuable consideration, I/We, the assignor(s)

ASSIGNOR(S)

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

CHOI, Hong Sok
San 136-1, Ami-ri, Bubal-eub, Ichon-si, Gyeonggi-do 467-860, Republic of Korea

KYUNG, Ki Myung
San 136-1, Ami-ri, Bubal-eub, Ichon-si, Gyeonggi-do 467-860, Republic of Korea

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

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

by these presents do sell, assign and transfer unto said assignee

ASSINGEE

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

and the heirs, successors, assigns and legal representatives of the assignee the full and exclusive right to the said invention in the United States which are disclosed in the U.S. patent application titled

SENSE AMPLIFIER AND SEMICONDUCTOR APPARATUS INCLUDING THE SAME

☐ for which an application for a United States Patent was filed on _____
Application Number _____; or

☐ for which an application for a United States Patent was executed by the undersigned on _____

and any and all improvements thereof, the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We

DOCKET:

PATENT

hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and for the use of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

The assignor(s) agree promptly upon request of the Assignee, its heirs, successors, assigns and legal representatives of the assignee to communicate any facts known to it respecting the patent and the invention set forth therein, and to execute and deliver without further compensation any power of attorney, Assignment, application, whether original, continuation, divisional or reissue, or other papers that may be necessary or fully

Assignor(s) 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(s) 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(s) 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.

ASSIGNOR SIGNATURE(S)

LIM, Kyu-Nam

LIM, Kyu Nam

2010. 11. 10

Date

Choi, Hong Sok

CHOI, Hong Sok

2010. 11. 10

Date

KYUNG

KYUNG, Ki Myung

2010. 11. 10

Date

DOCKET:

PATENT

PARK Mun Phil
PARK, Mun Phil

2010. 11. 10
Date

PARK Sun Hwa
PARK, Sun Hwa

2010. 11. 10
Date