

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																						
NATURE OF CONVEYANCE:	ASSIGNMENT																						
<b>CONVEYING PARTY DATA</b>																							
<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>Hyung Soo Kim</td><td>12/02/2008</td></tr> <tr><td>Yong Ju Kim</td><td>12/02/2008</td></tr> <tr><td>Sung Woo Han</td><td>12/02/2008</td></tr> <tr><td>Hee Woong Song</td><td>12/02/2008</td></tr> <tr><td>Ic Su Oh</td><td>12/02/2008</td></tr> <tr><td>Tae Jin Hwang</td><td>12/02/2008</td></tr> <tr><td>Hae Rang Choi</td><td>12/02/2008</td></tr> <tr><td>Ji Wang Lee</td><td>12/02/2008</td></tr> <tr><td>Jae Min Jang</td><td>12/02/2008</td></tr> <tr><td>Chang Kun Park</td><td>12/02/2008</td></tr> </tbody> </table>		Name	Execution Date	Hyung Soo Kim	12/02/2008	Yong Ju Kim	12/02/2008	Sung Woo Han	12/02/2008	Hee Woong Song	12/02/2008	Ic Su Oh	12/02/2008	Tae Jin Hwang	12/02/2008	Hae Rang Choi	12/02/2008	Ji Wang Lee	12/02/2008	Jae Min Jang	12/02/2008	Chang Kun Park	12/02/2008
Name	Execution Date																						
Hyung Soo Kim	12/02/2008																						
Yong Ju Kim	12/02/2008																						
Sung Woo Han	12/02/2008																						
Hee Woong Song	12/02/2008																						
Ic Su Oh	12/02/2008																						
Tae Jin Hwang	12/02/2008																						
Hae Rang Choi	12/02/2008																						
Ji Wang Lee	12/02/2008																						
Jae Min Jang	12/02/2008																						
Chang Kun Park	12/02/2008																						
<b>RECEIVING PARTY DATA</b>																							
<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-eub, Ichon-si</td></tr> <tr><td>Internal Address:</td><td>Gyeonggi-do</td></tr> <tr><td>City:</td><td>Ichon</td></tr> <tr><td>State/Country:</td><td>KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF</td></tr> <tr><td>Postal Code:</td><td>467-860</td></tr> </table>		Name:	Hynix Semiconductor, Inc.	Street Address:	San 136-1, Ami-ri, Bubal-eub, Ichon-si	Internal Address:	Gyeonggi-do	City:	Ichon	State/Country:	KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF	Postal Code:	467-860										
Name:	Hynix Semiconductor, Inc.																						
Street Address:	San 136-1, Ami-ri, Bubal-eub, Ichon-si																						
Internal Address:	Gyeonggi-do																						
City:	Ichon																						
State/Country:	KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF																						
Postal Code:	467-860																						
<b>PROPERTY NUMBERS Total: 1</b>																							
<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>12333194</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12333194																		
Property Type	Number																						
Application Number:	12333194																						
<b>CORRESPONDENCE DATA</b>																							
Fax Number:	(214)978-3099																						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																							
Email:	nicole.m.otis@bakernet.com																						
Correspondent Name:	Baker & McKenzie LLP																						
Address Line 1:	2001 Ross Ave.																						

CH \$40.00 12333194

**500730659**

**PATENT**  
**REEL: 021979 FRAME: 0287**

Address Line 2:	Suite 2300
Address Line 4:	Dallas, TEXAS 75201

ATTORNEY DOCKET NUMBER:	95210324-200275
-------------------------	-----------------

NAME OF SUBMITTER:	Noel C. Gillespie
--------------------	-------------------

Total Attachments: 5  
source=200275\_Assignment#page1.tif  
source=200275\_Assignment#page2.tif  
source=200275\_Assignment#page3.tif  
source=200275\_Assignment#page4.tif  
source=200275\_Assignment#page5.tif

## ASSIGNMENT

WHEREAS, I the undersigned inventor of residence as listed, have invented certain new and useful improvements as below entitled, for which an application for United States Letters Patent is made, said application having been designated as set forth below and filed on or about the date set forth below; and

WIHEREAS, Hynix Semiconductor Inc. (hereinafter referred to as "Assignee"),

with an address of: San 136-1, Ami-ri, Bubal-eub, Ichon-si,  
Gyeonggi-do 467-860, Republic of Korea

desires to acquire the entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent(s) that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and I authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to Assignee.

I also assign to Assignee, all right, title and interest in and to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

I will communicate to Assignee any facts known to us respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

**Invention Name:** SEMICONDUCTOR IC DEVICE HAVING POWER-SHARING AND METHOD OF POWER-SHARING THEREOF

**Serial No.:** 12/333,194

**Date Filed:** December 11, 2008

I hereby grant JOHN G. FLAIM, Registration No. 37,323, BRIAN C. McCORMACK, Registration No. 36,601, WILLIAM D. McSPADDEN, Registration No. 44,234, JAMES H. ORTEGA, Registration No. 50,554, RICHARD V. WELLS, Registration No. 53,757, HOWARD WISNIA, Registration No. 37,502, NOEL C. GILLESPIE, Registration No. 47,596, ROGER C. KUAN, Registration No. 56,558, KEVIN O'BRIEN, Registration No. 30,578, JAMES P. CONLEY, Registration No. 52,459, and all practitioners with the firm of Baker & McKenzie LLP (Customer Number 23562) with an office at 2001 Ross Avenue, Suite 2300, Dallas, TX 75201, the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

The undersigned further declares that all statements made herein of his/her own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful and false statements may jeopardize the validity of the application or any patent issued thereon.

**Signature of Inventor:**

Hyungsoo Kim

**Inventor(s) Name:**

KIM, Hyung Soo

**Residence:**

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

**Citizenship:**

Korean

**Date:**

2008.12.2

Signature of Inventor:

Yong Ju Kim

Inventor(s) Name:

KIM, Yong Ju

Residence:

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

Citizenship:

Korean

Date:

2008.12.2

---

Signature of Inventor:

Han Sung Woo

Inventor(s) Name:

HAN, Sung Woo

Residence:

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

Citizenship:

Korean

Date:

2008.12.2

---

Signature of Inventor:

Song Hee Woong

Inventor(s) Name:

SONG, Hee Woong

Residence:

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

Citizenship:

Korean

Date:

2008.12.2

---

Signature of Inventor:

Isa Oh

Inventor(s) Name:

OH, Ic Su

Residence:

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

Citizenship:

Korean

Date:

2008.12.2

Signature of Inventor:

Hwang Tae Jin

Inventor(s) Name:

HWANG, Tae Jin

Residence:

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

Citizenship:

Korean

Date:

2008.12.2

Signature of Inventor:

Choi Hae Rang

Inventor(s) Name:

CHOI, Hae Rang

Residence:

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

Citizenship:

Korean

Date:

2008.12.2

Signature of Inventor:

Lee Ji Wang

Inventor(s) Name:

LEE, Ji Wang

Residence:

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

Citizenship:

Korean

Date:

2008.12.2

Signature of Inventor:

Jaemin Jang

Inventor(s) Name:

JANG, Jae Min

Residence:

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

Citizenship:

Korean

Date:

2008.12.2

Signature of Inventor:

Chang Kun Park

Inventor(s) Name:

PARK, Chang Kun

Residence:

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

Citizenship:

Korean

Date:

2008.12.2

DALDMS/G27804.1