

FORM PTO-1595 (Rev. 10/02) OMD No. 0651-0011 (exp. 6/30/2005) **Recordation Form Cover Sheet PATENTS ONLY** U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Seung-Eon Jin</p> <p>Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes</p>	<p>2. Name and address of receiving party(ies): Name: Hynix Semiconductor Inc.</p> <p>Internal Address: _____</p> <p>Street Address: San 136-1, Ami-ri, Bubal-eub, Ichon-shi</p> <p>City: Kyungki-do State: _____ ZIP: 467-860</p> <p>Country: Republic of Korea</p> <p>Additional name(s) & address(es) attached? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes</p>
<p>3. Nature of Conveyance:</p> <p><input type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input checked="" type="checkbox"/> Other <u>Assignment Execution Date: 4/29/04</u> <u>Re-record to correct Assignment on a doc. prev. recorded at Reel 015663, Frame 0427</u></p>	

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is: _____

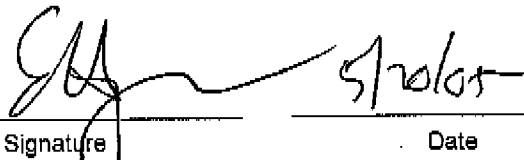
<p>A. Patent Application No.(s) 10/837,295</p>	<p>B. Patent No.(s) _____ _____ _____ _____</p>
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Additional numbers attached? No Yes

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Blakely, Sokoloff, Taylor & Zafman LLP</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>12400 Wilshire Boulevard</u> <u>7th Floor</u></p> <p>City: <u>Los Angeles</u> State: <u>CA</u> ZIP: <u>90025</u></p>	<p>6. Total number of applications and patents involved: 1</p> <p>7. Total Fee (37 CFR 3.41).....\$ <u>40.00</u></p> <p><input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit Account Number: <u>02-2666</u> (Attach duplicate copy of this page if paying by deposit account)</p>
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To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

<p>Eric S. Hyman Name of Person Signing</p>	<p> Signature</p> <p>_____ Date</p>
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08-12-2004



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FORM PTO-1585 (Rev. 10/02) Re OMD No. 0851-0011 (exp. 03/02/05)

DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Seung-Eon Jia **8904**
Additional name(s) of conveying party(ies) attached?
 No Yes

2. Name and address of receiving party(ies):
Name: Hynix Semiconductor Inc.
Internal Address: _____
Street Address: San 136-1, Ami-ri, Bubal-eub

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: 4/29/04

City: Ichon-shi State: Kyn ZIP: _____
Country: Korea
Additional name(s) & address(es) attached? No Yes

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is: _____
A. Patent Application No.(s)
10/837,295
Additional numbers attached? No Yes

B. Patent No.(s) _____

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Blakely, Sokoloff, Taylor & Zafman LLP
Internal Address: _____
Street Address: 12400 Wilshire Boulevard
7th Floor
City: Los Angeles State: CA ZIP: 90025

6. Total number of applications and patents involved: **1**
7. Total Fee (37 CFR 3.41).....\$ 40.00
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Eric S. Hyman [Signature] 8/1/04
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Docket No. 51876P620

Attorney's Docket No. 051876. P620

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

JIN, Seung-Eon

Hereby sells, assigns, and transfers to:
Hynix Semiconductor Inc.

a corporation of Republic of Korea, having a principal place of business at:

San 136-1, Ami-ri, Bubal-eub, Ichon-shi, Kyeongki-do 467-860, Republic of Korea ("Assignee"), and its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent,

[] which has been executed by the undersigned concurrently herewith,

[XX] which was filed April 29, 2004 and assigned Serial No. 10/837295

and is entitled:
ODT MODE CONVERSION CIRCUIT AND METHOD

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

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Date: April 29, 2004

JIN Seung eon

Name: JIN, Seung-Eon

Date: _____, 200

Name: _____

Date: _____, 200

Name: _____

Date: _____, 200

Name: _____



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BLAKELY, SOKOLOFF, TAYLOR & ZARMAN LLP LOS ANGELES

FEBRUARY 09, 2005

PTAS

BLAKELY, SOKOLOFF, TAYLOR ET AL.
ERIC S. HYMAN
12400 WILSHIRE BOULEVARD
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RECORDATION DATE: 08/09/2004

REEL/FRAME: 015663/0427
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
JIN, SEUNG-EON

DOC DATE: 04/29/2004

ASSIGNEE:
HYNIX SEMICONDUCTOR INC.
SAN 136-1, AMI-RI, BUBAL-EUB
ICHON-SHI, KYO, REPUBLIC OF KOREA

SERIAL NUMBER: 10837295
PATENT NUMBER:
TITLE: ODT MODE CONVERSION CIRCUIT AND METHOD

FILING DATE: 04/29/2004
ISSUE DATE:

ENTERED
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