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1. Name of conveying party(ies):

**KYUNG-HOON KIM; JONG-HO KANG;  
YONG-KI KIM; DAE-HAN KWON; SANG-YEON  
BYEON**

Additional name(s) of conveying party(ies) attached?

☒ No ☐ Yes

3. Nature of Conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: 12/24/07

2. Name and address of receiving party(ies):

Name: Hynix Semiconductor Inc.

Internal Address: \_\_\_\_\_

Street Address: 136-1, Ami-ri, Bubal-eub, Ichon-shi

City: Kyongki-do State: \_\_\_\_\_ ZIP: 467-860

Country: Republic of Korea

Additional name(s) & address(es) attached? ☒ No ☐ Yes

4. Application number(s) or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

12/005850

B. Patent No.(s)

Additional numbers attached? ☒ No ☐ Yes

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Blakely, Sokoloff, Taylor & Zafman LLP

Internal Address: \_\_\_\_\_

Street Address: 1279 Oakmead Parkway

City: Sunnyvale State: CA ZIP: 94085

Phone Number: (310) 207-3800

Fax Number: (310) 820-5988

E-mail Address: farzad\_amin@bstz.com

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41).....\$ 40.00

☒ Enclosed  
☐ Authorized to be charged to deposit account

8. Deposit Account Number:

02-2666

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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.*

Farzad E. Amini

Name of Person Signing

*Farzad E. Amini*  
Signature

12.27.07

Date

Total number of pages including cover sheet, attachments, and document: 3

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Docket No. 51876P1299

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**PATENT**  
**REEL: 020335 FRAME: 0826**

# ASSIGNMENT

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

**KIM, Kyung-Hoon ;and KANG, Jong-Ho ;and KIM, Yong-Ki ;and  
KWON, Dae-Han ;and Byeon, Sang-Yeon**

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, Kyoungki-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,

☐ which was filed \_\_\_\_\_ and assigned Serial No. \_\_\_\_\_,

and is entitled:

CLOCK DATA RECOVERY CIRCUIT AND METHOD FOR OPERATING THE SAME

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.

Date: December 24, 2007

Kim Kyung Hoon

Name: **KIM, Kyung-Hoon**

Date: December 24, 2007

KANG Jong-Ho

Name: **KANG, Jong-Ho**

**PATENT**

**REEL: 020335 FRAME: 0827**

Date: December 24, 2007

Date: December 24, 2007

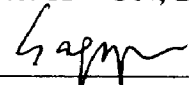
Date: December 24, 2007

Kim Yong Ki

Name: **KIM, Yong-Ki**



Name: **KWON, Dae-Han**



Name: **Byeon, Sang-Yeon**