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Tab settings

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

1. Name of conveying party(ies):
Seong-Hoon Lee
10/02/01
Additional name(s) of conveying parties attached? Yes No.

2. Name and address of receiving party(ies)
Name: Hynix Semiconductor, Inc.
Internal Address: _____
Street Address: San 136-1, Ami-Ri, Bubal-Eub
City: Ichon-Shi, Kyoungki-Do Country: Korea ZIP: 467-860

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other: _____
Execution Date: January 12, 2000

Additional names and addresses attached? Yes No

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): _____
B. Patent No(s): _____
Additional numbers attached? Yes No

09/970388

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Horace Ng
TOWNSEND AND TOWNSEND AND CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
(415) 576-0200

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: 20-1430
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9. Statement and signature.
To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true of copy of the original document.

Horace Ng
Name of Person Signing
Atty. Reg. No. 39,315

Signature

October 2, 2001
Date

Total number of pages including cover sheet, attachments and document 2

Mail documents to be recorded with required cover to:
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1002 U.S. PTO
09/970388
10/02/01

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10/15/2001 GT0M11 00000027 201430 09970388
01 FC:581 40.00 CH

PATENT
REEL: 12234 FRAME: 0867

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, LEE, Seong-Hoon of San 136-1, Ami-ri, Bubal-eub, Ichon-shi, Kyoungki-do 467-860
Republic of Korea

hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **DELAY LOCKED LOOP FOR USE IN SYNCHRONOUS DYNAMIC
RANDOM ACCESS MEMORY**

Date(s) of execution of Declaration: _____

Filing Date: 31/10/2000

Application No.: 09/703,405 ; and

WHEREAS, HYUNDAI ELECTRONICS INDUSTRIES CO., LTD., a CORPORATION, located at SAN 136-1, AMI-RI, BUBAL-EUB, ICHON-SHI, KYOUNGKI-DO 467-860, REPUBLIC OF KOREA hereinafter referred to as "ASSIGNEE" is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 01/12/2000

Lee Seonghoon

LEE, Seong-Hoon

Dated: _____

Dated: _____