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U.S. DEPARTMENT OF COMMERCE

(Rev. 03/01)

U.S. PATENT AND TRADEMARK OFFICE

To the honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof:

1. Name of Conveying Party(ies):

KIM, JONG HOON

KIM, CHOI DONG

78.03

2. Name and Address of Receiving Party(ies):

Name: Hynix Semiconductor Inc.

Street Address: San 136-1, Ami-Ri, Bubal-Uep

Street Address:

City: Ichon-Shi, Kyungki-Do

State/Country: Korea Postal Code: 467-860

21707 U.S. PTO
10/614182



Additional name(s) of conveying party(ies) attached? Yes No

Additional name(s) and addresses attached? Yes No

3. Nature of Conveyance:

Assignment

Change of Name

Security Agreement

Other:

Merger

Execution Date: 05152003

4. Application Number(s) or Patent Number(s):

10 614182

Assignment is being filed together with new application and the first execution date of application is : 07082003

Application has been filed already and the application filing date is:

A. Patent Application Number(s):

B. Issued Patent Number(s):

Additional numbers attached? Yes No

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

CUSTOMER NUMBER 00136 -or-

JACOBSON HOLMAN PLLC
400 Seventh Street, N.W.
Washington, D.C. 20004-2218
Tel. 202-638-6666

Attorney Docket Number: P68973US0

6. Total number of applica-
tions and patents involved: 1

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

Enclosed

Any deficiencies in enclosed fees are
authorized to be charged to Deposit
Account No. 06-1358.

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8. Statement and Signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Yoon S. Ham/45,307

Harvey B. Paul Jr.
Signature RN 20, 851

July 8, 2003

Name of Person Signing, Reg. No.

Signature

Date

Total number of pages including cover sheet, attachments, and documents:

-2-

07/10/2003 CH 103-202 00000060 10614182

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40.00 DP

PATENT
REEL: 014269 FRAME: 0846

UNITED STATES OF AMERICA - ASSIGNMENT

(1-5) Insert Name(s) of Inventor(s) (1) Jong Hoon KIM and
 (2) Choi Dong KIM
 (3) _____
 (4) _____
 (5) _____

In consideration of the sum of one dollar (\$1.00), and other good and valuable considerations paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assigns, transfers and sets over to

(6) Insert Name of Assignee (6) Hynix Semiconductor Inc.
 (7) Insert Address of Assignee (7) of San 136-1, Ami-Ri, Bubal-Uep, Ichon-Shi, Kyungki-Do 467-860, Republic of Korea

(8) Insert Legal Entity and State or Country (e.g., a corporation or citizen of Korea) (8) A(n) Corporation of Republic of Korea
 (hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention known as

(9) Insert Identification of Invention, such as Title, Case Number or Foreign Application Number (9) METHOD FOR FORMING A MICRO PATTERN

(10) Insert Date of signing of Application, or filing date and Serial No., if known (10) Said application having been executed/ filed on July 9, 2003 (and assigned Serial No. New Application)

- 1) The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing or divisional and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
- 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this or any continuing or divisional applications thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims provisions of the International Union for Protection of Industrial Property or similar agreements.
- 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the
- 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents United States resulting from this application or any continuing or divisional applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute any agreement in conflict herewith.
- 6) Assignor hereby further assigns to Assignee all claims and causes of action for infringement of the patent rights assigned herein, right to sue for, and collect damages for, any and all acts of past and future infringement.
- 7) The undersigned hereby grant(s) the law firm of **Jacobson Holman PLLC**, 400 Seventh Street, N.W., Washington, D.C.

20004, 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.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	<u>May 15, 2003</u>	Name of Inventor	<u>Jong Hoon KIM</u>	<u>Jong Hoon Kim</u> (SEAL)
			Typed name	Signature
Date	<u>May 15, 2003</u>	Name of Inventor	<u>Choi Dong KIM</u>	<u>Choi Dong Kim</u> (SEAL)
			Typed name	signature
Date	_____	Name of Inventor	_____	_____ (SEAL)
			Typed name	signature
Date	_____	Name of Inventor	_____	_____ (SEAL)
			Typed name	signature
Date	_____	Name of Inventor	_____	_____ (SEAL)
			Typed name	signature

This assignment should preferably be signed before a United States Consul if signed abroad, or a Notary Public if domestically signed. If not, then the execution by the inventor(s) should be witnessed by at least two witnesses who sign here:

Additional inventor's names and signatures on a separate sheet

Witness Jin Seok KIM Jin Seok Kim
 Witness Sang Ho HAN Sang Ho Han

LAW OFFICES OF
JACOBSON HOLMAN
 PROFESSIONAL LIMITED LIABILITY COMPANY
 THE JENIFER BUILDING
 400 SEVENTH STREET, N.W.
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