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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Yong-Sun Sohn
Seung-Woo Jin
Min-Yong Lee
Kyoung-Bong Rouh

Execution Date(s) 12/19/04

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

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

State: Kyoungki-do

Country: Republic of Korea Zip: 467-860

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

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

11/026,294

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Babak S. Sani

Internal Address: _____

TOWNSEND AND TOWNSEND AND CREW LLP

Street Address: Two Embarcadero Center,
Eighth Floor

City: San Francisco

State: California Zip: 94111-3834

Phone Number: (415) 576-0200

Fax Number: (415) 576-0300

Email Address: bss@townsend.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 numbers _____
Expiration Date _____

b. Deposit Account Number 20-1430

Authorized User Name Townsend and

Townsend and Crew LLP

9. Signature:

Signature

3/18/05

Date

Babak S. Sani

Name of Person Signing Atty. Reg. No. 37,495

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

4

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, VA 22313-1450

03/25/2005 ECDOPER 00000270 201430 11026294

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PATENT
REEL: 016389 FRAME: 0597

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, SOHN, Yong-Sun; JIN, Seung-Woo; LEE, Min-Yong and ROUH, Kyoung-Bong,
of San 136-1, Ami-ri, Bubal-eub, Ichon-shi, Kyoungki-do 467-860, Republic of Korea,
hereinafter referred to as "Assignor," is the inventor of the invention described and set forth in the below-
identified application for United States Letters Patent:

Title of Invention: METHOD FOR IMPLANTING IONS IN
SEMICONDUCTOR DEVICE

Date(s) of execution of Declaration: 12/19/04

Filing Date: 12/30/04

Application No.: 11/026,294; and

WHEREAS, Hynix Semiconductor, Inc. of 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;

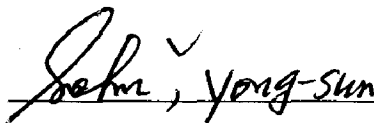
For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has
assigned, and by these presents does assign to Assignee all right, title and interest in and to the invention
and application and to all foreign counterparts (including patent, utility model and industrial designs), and
in and to any Letters Patent and Registrations which may hereafter be granted on any patent application
claiming priority from 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 Assignor 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.

Assignor further agrees that Assignor 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 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.

Assignor hereby authorizes and requests Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignor has signed his/her name on the date indicated.

Date : 12.19.2004



SOHN, Yong-Sun

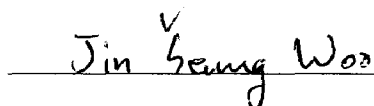
WITNESSED BY:

Name: _____

Address: 2F, Line Bldg., 823-30, Yeoksam-dong, Kangnam-ku, Seoul 135-080, Republic of Korea

Date: _____

Date : 12.19.2004



JIN, Seung-Woo

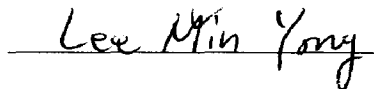
WITNESSED BY:

Name: _____

Address: 2F, Line Bldg., 823-30, Yeoksam-dong, Kangnam-ku, Seoul 135-080, Republic of Korea

Date: _____

Date : 12.19.2004



LEE, Min-Yong

WITNESSED BY:

Name: _____

Address: 2F, Line Bldg., 823-30, Yeoksam-dong, Kangnam-ku, Seoul 135-080, Republic of Korea

Date: _____

Date : 12.19.2004

ROUH, Kyoung Bong

ROUH, Kyoung-Bong

WITNESSED BY:

Name: 

Address: 2F, Line Bldg., 823-30, Yeoksam-dong, Kangnam-ku, Seoul 135-080, Republic of Korea

Date: 2005.01.04