Form PTO-1595 (Rev. 03/05) OMB No. 0651-0027 (exp. 6/30/2005 1032521	95L 1 ney Docket No. 00939C-099800US U.S. DEPARTMENT OF COMMER United States Patent and Trademark O
	e record the attached documents or the new address(es) below
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)
Shin Seung Park	
	Internal Address:
Additional name(s) of conveying party(ies) attached?	Street Address: San 136-1 Ami-ri, Bubal-eub,
3. Nature of conveyance/Execution Date(s):	Icheon-si
Execution Date(s) May 3, 2006	City: Kyoungki-do
Assignment Merger	<u></u>
Security Agreement Change of Name	State:
Joint Research Agreement	
Government Interest Assignment	Country: Republic of Korea Zip:
Executive Order 9424, Confirmatory License	
Other	Additional name(s) & address(es) attached?
 4. Application or patent number(s): Thi A. Patent Application No.(s) 	is document is being filed together with a new application B. Patent No.(s)
A. Patent Application No.(s) Additional numbers att 5. Name and address to whom correspondence	B. Patent No.(s) tached? □Yes ⊠No 6. Total number of applications and patents
A. Patent Application No.(s) Additional numbers at	B. Patent No.(s) tached? ☐Yes ⊠No 6. Total number of applications and patents involved:1
A. Patent Application No.(s) Additional numbers att 5. Name and address to whom correspondence	B. Patent No.(s) tached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
A. Patent Application No.(s) Additional numbers att 5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Steve Y. Cho</u> Internal Address:	B. Patent No.(s) tached? Yes ⊠No 6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 ☐ Authorized to be charged by credit card
A. Patent Application No.(s) Additional numbers att 5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Steve Y. Cho</u> Internal Address: <u>TOWNSEND AND TOWNSEND AND CREW LLP</u>	B. Patent No.(s) tached? Yes No 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
A. Patent Application No.(s) Additional numbers att 5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Steve Y. Cho</u> Internal Address: <u>TOWNSEND AND TOWNSEND AND CREW LLP</u> Street Address: <u>Two Embarcadero Center,</u>	 B. Patent No.(s) tached? Yes No 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
A. Patent Application No.(s) Additional numbers att 5. Name and address to whom correspondence concerning document should be mailed: Name: Steve Y. Cho Internal Address: TOWNSEND AND TOWNSEND AND CREW LLP Street Address: Two Embarcadero Center, Eighth Floor	 B. Patent No.(s) tached? Yes No 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
A. Patent Application No.(s) Additional numbers att 5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Steve Y. Cho</u> Internal Address: <u>TOWNSEND AND TOWNSEND AND CREW LLP</u> Street Address: <u>Two Embarcadero Center,</u>	B. Patent No.(s) tached? Yes Yes No 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 by credit card Enclosed None required (government interest not affecting title 8. Payment Information a. Credit Card Last 4 numbers
A. Patent Application No.(s) Additional numbers att 5. Name and address to whom correspondence concerning document should be mailed: Name: Steve Y. Cho Internal Address: TOWNSEND AND TOWNSEND AND CREW LLP Street Address: Two Embarcadero Center, Eighth Floor City: San Francisco State: California Zip: 94111-3834	tached? Yes No 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 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
A. Patent Application No.(s) Additional numbers att 5. Name and address to whom correspondence concerning document should be mailed: Name: Steve Y. Cho 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: (650) 326-2400	B. Patent No.(s) tached? Yes Yes No 6. Total number of applications and patents involved:
A. Patent Application No.(s) Additional numbers att 5. Name and address to whom correspondence concerning document should be mailed: Name: Steve Y. Cho 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: (650) 326-2400 Fax Number: (650) 326-2422	B. Patent No.(s) tached? Yes Yes No 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 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
A. Patent Application No.(s) Additional numbers att 5. Name and address to whom correspondence concerning document should be mailed: Name: Steve Y. Cho 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: (650) 326-2400 Fax Number: (650) 326-2422 Email Address: scho@townsend.com	B. Patent No.(s) tached? Yes Yes No 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 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 L
A. Patent Application No.(s) Additional numbers att 5. Name and address to whom correspondence concerning document should be mailed: Name: Steve Y. Cho 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: (650) 326-2400 Fax Number: (650) 326-2422	B. Patent No.(s) tached? Yes Yes No 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 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

06/06/2006 DBYRNE 00000199 201430 11444064 01 FC:8021 40.00 DA Attorney Docket No.: 00939C-099800US Client Ref. No.

ASSIGNMENT OF PATENT APPLICATION

SOLE

WHEREAS, the below-listed individual, herein referred to as "Assignor," is the inventor of the invention described and set forth in the following application for United States Letters Patent: METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE

Filed _____, as U.S. Application No. _____

WHEREAS, Hynix Semiconductor Inc., of San 136-1, Ami-ri, Bubal-eub, Icheon-si, Kyoungkido, 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 operate with the prosecution of the prosecution 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, California 94111-3834, to insert hereinabove 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: May 3, 2006 Shin seung Park. Name: Shin Seung PARK

RECORDED: 05/30/2006