01-09-2007

FORM PTO-1595 (Rev. 08/05)

Docket No.: 070679-0212

103358416

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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Docket No.: 070077-0212 TATENTS	
To the Director of the U. S. Patent and Trademark Office: Please 1	ecord the attached documents or the new address(es) below.
1. Name of Conveying Party(ies)	2. Name and address of receiving party(ies)
Chae-Kyu JANG	Name: HYNIX SEMICONDUCTOR INC.
	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes No	o'i'
3. Nature of Conveyance/Execution Date(s)	Address: San 136-1, Ami-ri,
Execution Date(s): December 22, 2006	Bubal-eub, Ichon-shi,
	Kyoungki-do 467-860, Republic of Korea
☐ Security Agreement ☐ Change of Name	Ryounger-do 407-800, Republic of Rolea
Joint Research Agreement	
-	
Government Interest Assignment	
Executive Order 9424, Confrmatory License	Additional name(s) & address(s) sets 1 10 \ X
Other	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).	B. Patent No(s).
Additional numbers attac	hed? Yes No
5. Name and address to whom correspondence concerning	6. Total number of applications and patents
document should be mailed:	involved:
Name: MCDERMOTT WILL & EMERY LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00
Internal Address:	Authorized to be charged by credit card
	Authorized to be charged to deposit account
Street Address: 600 13th Street, N.W.	☐ Enclosed
	None required (government interest not affecting title)nt
City: Washington State: D. C. Zip: 20005-3096	
Phone Number: 202.756.8000	8. Payment Information:
Fax Number: 202.756.8087	a. Credit Card Last 4 Numbers
Email Address:	a. Croan out
	b. Deposit Account Number 500417
	Authorized User Name
	90 00
9. Signature.	Authorized User Name December 29, 2006
Stephen A. Becker 26, 527	December 29, 2000
CD-man Cigning	Signature Dec 3
Total number of pages includi	
	ng cover sneet, attachments and deether (700, 200, 200, 200, 200, 200, 200, 200,
OMB No. 0651-0027 (exp. 6/30/2008)	01/0 01 F

PATENT REEL: 018750 FRAME: 0689

(SAB)	
Docket No.:	
<u>ASSIGNMENT</u>	
In consideration of the premises and other good and valuable consideration in hand paid, the rece ipt and sufficiency of which is hereby acknowledged, the undersigned, JANG, Chae-Kyu	
who has made a certain new and useful invention, hereby sells, assigns and transfers unto Hynix Semiconductor Inc.	
its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled SEMICONDUCTOR DEVICE WITH MULTIPURPOSE PAD	
(a) for which an application for United States Letters Patent was filed on, and identified by United States Serial No; or	
(b) for which an application for United States Letters Patent was executed on	
and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;	
AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.	
SIGNED on the date indicated aside my signature:	
INVENTOR DATE SIGNED	

Name: JANG, Chae-Kyu

RECORDED: 12/29/2006

PATENT REEL: 018750 FRAME: 0690

December 22, 2006