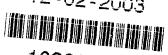
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Form PTO-1595 (Rev. 03/01)	EET U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
OMB No. 0651-0027 (exp. 5/31/2002) 102612348		
To the Honorable Commissioner of Patents and Trademarks:		
Name of conveying party(ies):	Name and address of receiving party(ies)	
Sang-Tae Choi Seung-Weon Paek		
	Name: Hynix Semiconductor Inc.	
	Internal Address:	
Additional name(s) of conveying party(ies) Yes X No	Street Address: San 136-1, Ami-ri Bubal-eub	
3. Nature of Conveyance:	Ichon-shi	
x Assignment Merger		
Security Agreement Change of Name	City: Kyoungki-do	
Other	Country Republic of Korea Zip: 467-860	
Execution Date: June 30, 2003	Additional name(s) & Yes X No address(es) attached:	
4. Application number(s) or patent number(s):		
If this document is being filed together with a new application, the execution date of the new application is:		
A. Patent Application No.: 10/623,419		
	N 2	
Additional numbers attach	B. Patent No.(s): PR 28 ned? Yes x No 6. Total number of applications and E ::	
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name: Michael R. Hull	7. Total fee (37 CFR 3.41) \$ 40.00	
Internal Address: Atty. Dkt.: 29926/39470	x Enclosed	
Street Address: 6300 Sears Tower	Authorized to be charged to deposit account	
233 S. Wacker Drive		
	8. Deposit account number: 13-2855	
City: State: Zip: Chicago IL 60606-6357	(Attach duplicate copy of this page if paying by deposit account)	
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9. Statement and signature.		
To the best of my knowledge and belief, the foregoing information is true and coffect and any attached copy is a true copy of the original document.		
Michael R. Hull VV / V November 24, 2003 Name of Person Signing Signature Date		
Total number of pages including cover sheet, attachments, and documents:		

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40.00 DP

ASSIGNMENT

Serial No:	10/623419

Filed: July 18,02003

METHOD FOR FORMING ULTRA FINE CONTACT HOLES IN SEMICONDUCTOR DEVICES

Title:

For good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign(s) to Hynix Semiconductor Inc. (hereinafter "Assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, and in said application and any and all other U.S. applications which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee. The undersigned also hereby authorizes the attorneys of Marshall, Gerstein & Borun to insert the filing date and serial number of this application in the blanks above when they become known.

The undersigned warrant(s) themselves (himself/herself) to be the owners (owner) of the interest herein assigned and to have the right to make this assignment and further warrant(s) that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said consideration the undersigned hereby agree(s), upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application that said assignee, its successors or assigns, may deem necessary or expedient, and for the aforesaid consideration the undersigned further agree(s) upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent in the United States and to vest all rights therein hereby conveyed in said assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by said assignee, its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

> PATENT REEL: 014736 FRAME: 0476

Attorney Docket: 29926/39470

SIGNED:	
Date:June 30, 2003	Name: CHOI, SANG-TAE
Date: 2003. 6.3	Name: PAPK, SEUNG-WEON
Date:	Name:
Date:	Name:

RECORDED: 11/28/2003

PATENT REEL: 014736 FRAME: 0477