

U.S. DEPARTMENT OF COMMERCE

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy the 1. Name of conveying party(ies): Deok Sin Kil Additional number(s) of conveying party(ies) Additional number(s) of conveying party internal dodress: Additional number(s) of conveying party internal dodress: Additional number of page including cover sheet stackments. Please record the address: Additional number of pages including cover sheet stackments. Please record the address: Additional number of pages including cover sheet stackments. Please record the address: Additional number of pages including cover sheet stackments. Please record the address: Additional number of pages including cover sheet stackments. Please record the address of receiving party (ies) Name: Hynix Semiconductor inc. Internal Address: Address: Anne: Hynix Semiconductor inc. Internal	Form PTO-1595 (Rev. 03/01)	RE 100	U.S. DEPARTMENT OF COMME U.S. Patent and Trademark
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy the 1. Name of conveying party(ies): Dock Sin Kil 2. Name and address of receiving party(ies) Name: Hynix Semiconductor Inc. Internal Address: Street Addre	1'		413 UNLT
1. Name of conveying party(ies): Deck Sin Kil Conveying party(ies)		1-27-03	
Deok Sin Kil Name: Hynix Semiconductor Inc. Internal Address: Street Address: San 136-1, Ami-ri, Bubal-Eub, Ichon-shi			
Additional name(s) of conveying party(ies)		ying party(ies):	2. Name and address of receiving party(ies)
Street Address: San 136-1, Ami-ri, Bubal-Eub, Ichon-shi attached? 3. Nature of Conveyance: Assignment	Deok Sin Kil		Name: Hynix Semiconductor Inc.
Additional name(s) of conveying party(ies) 3. Nature of Conveyance: X Assignment Security Agreement Change of Name Other Execution Date: December 20, 2002 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.(s): 10/331.271 B. Patent No.(s): Additional numbers attached? Yes X No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Michael R. Hull MARSHALL, GERSTEIN & BORUN Internal Address: 233 S. Wacker Drive, Suite 6300 Sears Tower Do Not Use THIS SPACE 9. 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. Michael R. Hull Name of Person Signing Total number of pages including cover sheet. Atachments, and documents: 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3			Internal Address:
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Country Republic of Korea Zip: 467-860 Additional name(s) & 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.(s): 10/331,271 B. Patent No.(s): Additional numbers attached? Yes X No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Michael R. Hull MARSHALL, GERSTEIN & BORUN Internal Address: Atty. Dkt.: 30205/39052 Street Address: 233 S. Wacker Drive, Suite 6300 Sears Tower City: State: Zip: Chicago IL 60606-6357 DO NOT USE THIS SPACE 9. 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. Michael R. Hull Name of Person Signing Total number of pages including cover sheet, attachments, and documents: 3 TDIAZI 0000040-19331271 40.00 UP	x Assignment	Merger	
Country Republic of Korea Zip: 467-860 Execution Date: December 20, 2002 Additional name(s) & address(es) attached: Yes x 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.(s): 10/331,271 B. Patent No.(s): Additional numbers attached? Yes X No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Michael R. Hull MARSHALL, GERSTEIN & BORUN Internal Address: Atty. Dkt.: 30205/39052 Street Address: 233 S. Wacker Drive, Suite 6300 Sears Tower B. Deposit account number: City: State: Zip: (Attach duplicate copy of this page if paying by deposit at 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. Michael R. Hull January 23, 200 Michael R. Hull January 23, 200 Total number of pages including cover sheet, attachments, and documents: 3 TDIAZI 00000040-19331271 40.00 0P	Security Agree	ment Change of Name	City: Kyoungki-do
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Street Address: 233 S. Wacker Drive, Suite 6300 Sears Tower 8. Deposit account number: 13-2855 City: Chicago State: Zip: (Attach duplicate copy of this page if paying by deposit a deposit account number: 13-2855 DO NOT USE THIS SPACE 9. 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. Michael R. Hull Name of Person Signing Total number of pages including cover sheet, attachments, and documents: 3 TDIAZI 00000040-10331271 40.00 0P	Name: Michael R. Hull		7. Total fee (37 CFR 3.41) \$40.00
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Chicago IL 60606-6357 Attach duplicate copy of this page it paying by deposit a DO NOT USE THIS SPACE 9. 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. Michael R. Hull Name of Person Signing Total number of pages including cover sheet, attachments, and documents: Total number of pages including cover sheet, attachments, and documents: 1		01.4	13-2855
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PATENT REEL: 013693 FRAME: 0029

Atty. Docket No: 30205/39052

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ASSIGNMENT

Serial No: 10/331,271

Filed: December 30, 2002

Title: METHOD FOR FORMING DIELECTRIC FILM OF CAPACITOR

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, executed by the undersigned on $\frac{12/20/02}{}$, and in said application and any and all other 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 hereby authorize(s) and request(s) the attorneys of record in said application to insert in this assignment the execution date and/or filing date and serial number of said application when officially 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, and 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.

WITNESS my (our) hand(s) this 20th day of Docember . 2002.

PATENT REEL: 013693 FRAME: 0030

Atty. Docket No: __30205/39052

Witness: Soyoung KIM	Soyong Kran
Name: Deok Sin KIL	Date: <u>December</u> 20, 2002
2) Name:	Date:
463206	

RECORDED: 01/27/2003

PATENT REEL: 013693 FRAME: 0031