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D TRADEMARKS:

Please record the attached on giring percent on copy thereof. Atty. Docket No.: 8028-21 (SPX20011120008US) 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Jae-Hee OH Name: Samsung Electronics, Co., Ltd. Additional name(s) of conveying party(ies) attached? Internal Address: []yes IXI no 416, Maetan-dong, Paldal-gu Street Address: Kyungki-do 3. Nature of Conveyance [X] Assignment [] Merger City: Suwon-city [] Security Agreement [] Change of Name [] Other Country/State/Zip: Korea Execution Date: May 3, 2002 Additional names and addresses attached? [] yes [X] no Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is A. Patent Application No.(s) B. Patent No.(s): 10/096,772 N/A Additional numbers attached? [] Yes [X] No 5. Name and address of party to whom 6. Total number of applications and patents involved: correspondence concerning document should be 7. Total fee (37 C.F.R. 3.41) \$ 40.00 Name: Frank Chau [X] Enclosed Internal Address: F. Chau & Associates, LLP [] Authorized to be charged to deposit account Street Address: 1900 Hempstead Turnpike, Suite 501 8. Deposit account number: 50-0679 Attach duplicate copy City: East Meadow State: NY of this page if paying by deposit account) ZIP: 11554 DO NOT USE THIS SPACE Statement and signature. he best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true c(x) t of the original document. June 4, 2002 Fig.nk Chau Date Name of Person Signing Total number of pages including cover sheet, attachments and document [3] Reg. No. 34,136 Ot 18 t lo. 0651-0011 (exp. 4/84) do not detach this portion Mail documents to be recorded with required cover sheet information to:

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PATENT REEL: 012982 FRAME: 0140

ASSIGNMENT

DOCKET NO. 8028-21 (SPX2001120008US)

AS A BELOW NAMED INVENTOR, I, and each of us, individually hereby declare that: IN CONSIDERATION of the sum of TEN (\$10.00) dollars or the equivalent thereof, and other good and valuable consideration, the receipt of which from the hereinafter named Assignee is hereby acknowledged, I do hereby sell, assign and forever grant and convey unto:

ASSIGNEE: Samsung Electronics Co., Ltd.

ADDRESS: 416, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, KOREA

Who is my Assignee, and to the successes and assigns of my Assignee, all my right, title and interest, in and for the United States of America and all other countries, including all rights of priority, in and to the invention entitled:

TITLE: FABRICATION METHOD OF SEMICONDUCTOR MEMORY DEVICE

invented by me (if only one inventor is named below) or us (if more than one inventor is named below) and described in an application for a United States patent the specification of which is either attached hereto or otherwise accompanies this Assignment or indicates an attorney docket no. 8028-21 (SPX2001120008US), or is more particularly identified as:

	executed on even date herewith, or		
\boxtimes	Serial No. 10/096,772 filed in the U.S. Patent & Trademark Office on March 13, 2002,		
	or		
	executed on,		
patents granted its suc extensi as the s	and to all United States patents which may be granted thereon and therefore, and in and to all cates of corrections, divisions, continuations, continuations-in-part, reissued and re-examined and to any extensions thereof, said interest being the entire ownership of the patent when it, to be held and enjoyed by said SAMSUNG ELECTRONICS CO., LTD. , my Assignee, cessors, assigns or other legal representatives, to the full end of the term, terms, or any ion or renewal thereof, for which said patent or patents may be granted, as fully and entirely same would have been held and enjoyed by me or us if this assignment, sale and conveyance to been made;		

AND I hereby covenant and agree to sign and execute any further documents or instruments which may from time-to-time be either necessary, lawful, proper or requested by the Assignee, in the prosecution of the above-named application or in the preparation and prosecution of any certificate of correction, division, continuation, continuation-in-part, reissue, re-examination, in any amendment, extension, or interference proceeding, whether administrative or judicial, or otherwise, to secure the title hereto in said Assignee;

AND I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Patent or Patents to the Assignee, and I hereby appoint as my, or our attorney, and authorize and request <u>Frank Chau</u>, <u>Reg. No. 34,136</u>, to insert on this Assignment any further identification or to complete such identification which may be either necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

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IN WITNESS WHEREOF, I and we have set our hands and seals on the dates written beside my and our respective names:

INVENTOR(S)	Date Signed	Witness(es)
Jac-Hee Ch	(Seal) <u>2002.5.3</u>	Law James

RECORDED: 06/11/2002