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102470392 Tease record the attached original documents or copy thereof. To the Director of the United States Patent ..... 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): 6.5.03 Koji NII Name: Renesas Technology Corp. Address: 4-1, Marunouchi 2-chome, Chiyoda-ku, TOKYO JAPAN Additional name(s) of conveying party(ies) attached? 

Yes 
No 3. Nature of Conveyance: ☐ Merger Assignment ☐ Security Agreement ☐ Change of Name ☐ Other Additional name(s) and address(es) attached? 

Yes 
No Execution Date: May 12, 2003 4. 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: May 12, 2003 B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached? 

Yes No 5. Name and address of party to whom correspondence 6. Total applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Enclosed ☐ Authorized to be charged to deposit account 8. Deposit account number: 15-0030 Tel. (703) 413-3000 (Attach duplicate copy of this page if paying by deposit account) Fax. (703) 413-2220 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. Marvin J. Spivak Name of Person Signing Signature C. Irvin McClelland Registration Number 21,124 Registration Number: 24,913 Total number of pages including this cover sheet: 3 Do not detach this portion Mail documents to be recorded with required cover sheet information to: Director of the United States Patent and Trademark Office Mail Stop Assignment Recordation Services Alexandria, Virginia. 22313 06/06/2003 HLE333 00000004 10454500 02/FC:8021 40.00 OP

> **PATENT** REEL: 014144 FRAME: 0925

arunouchi 2-chome, Chiyoda-ku, TOKYO JAPAN
·
we invented certain new and useful improvements in:  SEMICONDUCTOR STORAGE
r which an application for Letters Patent was executed on May 12, 2003
application No, filed), and
WHEREAS, Renesas Technology Corp.
ereinafter referred to as "ASSIGNEE") having a place of business at:
-1, Marunouchi 2-chome, Chiyoda-ku, TOKYO JAPAN

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

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PATENT REEL: 014144 FRAME: 0926 I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) 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 by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:	May 12, 2003	(Signature of Inventor) Koji NII
Date:		
Date:		(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

ATTORNEYS AT LAW FOURTH FLOOR 1755 JEFFERSON DAVIS HIGHWAY ARLINGTON, VIRGINIA 22202

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