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U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 6/30/2005) To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): OHAYASHI, MASAYUKI 2. Name and address of receiving party(ies) Name: HITACHI, LTD. YOKOI, TAKASHI 5-8-03 Street Address: 6, Kanda Surugadai 4-chome, Chiyoda-ku City: Tokyo Country: Japan Additional name(s) of conveying party(ies) attached? 

Yes 

No 3. Nature of conveyance: ☐ Merger Assignment ☐ Change of Name ☐ Security Agreement Other \_\_\_\_ Additional name(s) & address(es) attached? ☐ Yes ☒ No Execution Date: March 17.25, 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: March 17,25, 2003. A. Patent Application No.(s) B. Patent Registration No.(s) *.*0431398 Additional number(s) attached ☐ Yes ☒ No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41)...... \$40.00 Name: Antonelli, Terry, Stout & Kraus, LLP ☑ Enclosed Internal Address: ☐ Authorized to be charged to deposit account 1300 North Seventeenth Street **Suite 1800** 8. Deposit account number: Arlington, VA 22209 USA 01-2135 State: City: Zip: (Attach duplicate copy of this page if paying by deposit account) 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. 05/08/2003 Carl I. Brundidge, Reg# 29,621 Date Name of Person Signing Total number of pages including cover sheet, attachments, and document: 2 Mail documents to be recorded with required cover sheet information to:

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Form PTO-1595

(Rev. 10/02)

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**PATENT** REEL: 014056 FRAME: 0194

## ASSIGNMENT (譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by Hitachi, Ltd., a corporation organized under the laws of Japan,

located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan,

receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi, Ltd.,

its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

## A SEMICONDUCTOR IINTEGRATED CIRCUIT

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted,

to be held and enjoyed by said Hitachi, Ltd.,

its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Hitachi, Ltd..

Signed on the date(s) indicated aside our signatures:

RECORDED: 05/08/2003

	I <b>NVENTOR(S)</b> (発明者フルネームサイン)	Date Signed (署名日)
1)	Masayuki Chayashi Masayuki OHAYASHI	17/March/2003
2)	Takashi Yokon Takashi YOKOI	25/March/2003
3)		
4)		
5)		
6)		
7)		
8)		
9)		
10)		

PATENT REEL: 014056 FRAME: 0195