

46-8196

09/381396
420 Rec'd PCT/PTO 20 SEP 1999
Docket No.: 520.37507X1

FORM PTO 1575 1-31-92	MINO 9/20/99	RE	12-21-1999	HEET	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
--------------------------	-----------------	----	------------	------	--



101230378

To the Honorable Commissioner of Patents, attached original documents or copy thereof

1. Name of conveying party(ies): Shinichi TAKATANI, Hiroshi MIKI, Keiko KUSHIDA, Yoshihisa FUJISAKI, Kazuyoshi TORII	2. Name and address of receiving party(ies): Name: Hitachi, Ltd. Street Address: 6, Kanda Surugadai 4-chome, Chiyoda-ku City: Tokyo Country: Japan
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: September 3, 1999	

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: September 3, 1999	
A. Patent Application No.(s)	B. Patent No.(s) 09/381396
09/22/1999 HELA/TORO 00000079 09201296 Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

5. Name and address of party to whom correspondence concerning document should be mailed: Name: ANTONELLI, FERRY, STOUT & KRAUS, LLP Internal Address: Street Address: 1300 North Seventeenth Street Suite 1800 City: Arlington State: VA Zip: 22209	6. Total number of applications and patents involved: 1
	7. Total fee (37 CFR 3.41) \$40.00 <input checked="" type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Any deficiencies may be charged to deposit account <input type="checkbox"/> Authorized to be charged to deposit account
	8. Deposit account number: 01-2135 (Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature: <i>In 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.</i>		
Gregory E. Montone Name of Person Signing Attorney Registration No. 28,141	 Signature	September 20, 1999 Date
Total number of pages including cover sheet, attachments, and document: 2		

OMB No. 0651-0011 (exp. 4-94)

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 2 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

SEMICONDUCTOR DEVICE AND FABRICATION METHOD THEREOF

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 signatures :

INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)	Witnesses (立会人サイン)
1) <u>Mitsumasa Takata</u>	September 3, 1999	<u>Ryohji Kurokawa</u>
2) <u>Hirotaka Matsuda</u>	September 3, 1999	<u>Ryohji Kurokawa</u>
3) <u>Hirotaka Matsuda</u>	September 3, 1999	<u>Ryohji Kurokawa</u>
4) <u>Hirotaka Matsuda</u>	September 3, 1999	<u>Ryohji Kurokawa</u>
5) <u>Hirotaka Matsuda</u>	September 3, 1999	<u>Ryohji Kurokawa</u>
6) _____	_____	_____
7) _____	_____	_____
8) _____	_____	_____
9) _____	_____	_____
10) _____	_____	_____