FORM PTO-1595 1-31-92	U.S. DEPARTMENT OF COMMERC Patent and Trademark Offic
	599189
Name of conveying party(ies): Takamichi SUZUKI, Yoshide YAMAGUCHI, Noriyuki OROKU, Kosuke INOUE	Name and address of receiving party(ies): Name: Hitachi, Ltd. Street Address: 6, Kanda Surugadai 4-chome, Chiyoda-ku
Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other Execution Date: December 8, 12, 2000	City: Tokyo Country: Japan Additional name(s) & address(es) attached? Yes No
4. Application number(s) or patent number(s):If this document is being filed together with a new application,A. Patent Application No.(s)	the execution date of the application is: Dec. 8,12, 2000 B. Patent No.(s)
	6. Total number of applications and patents involved: 1
5. Name and address of party to whom correspondence concerning document should be mailed:	
Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP Internal Address:	7. Total fee (37 CFR 3.41)\$40.00 Enclosed Any deficiencies may be charged to deposit account Authorized to be charged to deposit account
Street Address: 1300 North Seventeenth Street Suite 1800 City: Arlington State: VA Zip: 22209	8. Deposit account number: 01-2135 (Attach duplicate copy of this page if paying by deposit account)
(IIV: Allington	E THIS SPACE
9. Statement and signature. To the best of my knowledge and belief, the foregoing in of the original document. William I. Solomon Name of Person Signing Attorney Registration No. 28,565 Total number of pages including cover sheet, attachments, and document: OMB No. 0651-0011 (exp. 4/94) 01/17/2001 AZERBAWI 00000071 09758182 04 FC:581 40.00 GF	formation is true and correct and any attached copy is a true copy January 12, 2001 Date

PATENT REEL: 011458 FRAME: 0207

Docket No.:500.39464X00

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

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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 consequence with 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 fullyand 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:

RECORDED: 01/12/2001

	INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
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PATENT REEL: 011458 FRAME: 0208