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(Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)	00688		
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To the Honorable Commissioner of Patents and Trademocopy thereof.	arks. Frease record the attached original documents		
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Yutaka TAKAKU, Toshio ISHII, Shigeru KAWAMOTO, Shinji NAKAGAWA, Minoru OHSUGA and Yoshihisa FUJII	Name: HITACHI, LTD .		
Additional name(s) of conveying party(ies) attached?	Street Address: 6, Kanda Surugadai 4-chome Chiyoda-ku, Tokyo, Japan		
yes _X no			
3. Nature of Conveyance:	Additional name(s) & address(es) attached?		
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Other:			
Execution Date: February 1, 2, 9, 7, 2, 1, 2001			
4. Application number(s) or patent number(s):			
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A. Patent Application No.(s)	B. Patent No(s).		
M179068 Additional numbers attached?Yes x No			
5. Name and address of party to whom correspondence concerning document should be mailed:	6.Total number of applications and patents involved: <u>1</u>		
Evenson, McKeown, Edwards & Lenahan, P.L.L.C. 1200 G Street, N.W., Suite 700 Washington, D.C. 20005	7. Total Fee (37 CFR 3.41): \$\frac{40.00}{\text{\text{\$\sigma}}}\$ Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 05-1323 Authorized to be charged to Deposit Account		
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PATENT REEL: 011559 FRAME: 0712

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 or us citizen(s) 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 or us 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:

RECORDED: 02/23/2001

INVENTOR(S)

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PATENT REEL: 011559 FRAME: 0713

Date Signed