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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.			
1. Name of conveying party(ies): SHINICHI KAWAMOTO		2. Name and address of receiving party(ies):	0549
TATSUO HIGUCHI N, KI HAMANAKA		Name: HITACHI, LTD.	9/81
		Address: 6, KANDA SURUGADAI 4-CHOME CHIYODA-KU	j10,0
Additional name(s) of conveying party(ies) attached? ☐ Yes ■ No		City: TOKYO	
3. Nature of conveyance: ■ Assignment		Courter IABAN	
☐ Security Agreement ☐ Change of Na	me	Country: JAPAN	
☐ Other Execution Date: FEBRUARY 23, 2001		Additional name(a) ? adduser(as) attached ? ☐ Year	
4. Application number(s) or patent number(s): 198	11549	Additional name(s) & address(es) attached? ☐ Yes	INO
If this document is being filed together with a new application, the execution date of the application is: FEBRUARY 23, 2001			
A. Patent Application No.(s)		B. Patent No.(s)	
Additional numbers attached? ☐ Yes ■ No			
5. Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of applications and patents involved: 1	
Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP		7. Total fee (37 CFR 3.41)\$40.00	
Internal Address:		■ Any deficiencies may be charged to deposit accoun	· I
Street Address: 1300 North Seventeenth Street Suite 1800		☐ Authorized to be charged to deposit account	
City: Arlington State: VA 03/21/2001 JBALINAN 00000011 09810549	Zip: 22209	8. Deposit account number: 01-2135 (Attached duplicate copy of this page if paying by deposited to the control of the contro	eposit
02 FC-581 A0 00 0D 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			
Carl I. Brundidge	<i>/</i>	March 19, 2001	
Name of Person Signing Attorney Registration No. 29,621	Signature	Date	
Total number of pages including cover sheet, attachments, and document: OMB NO. 0651-0011 (Exp. 4/94)			

PATENT REEL: 011650 FRAME: 0464

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 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: 03/19/2001

INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1) Shunishi Kowanot	2/23/2001
2) Jatseo Hogush	2/23/200]
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4)	
5)	
6)	
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8)	
9)	
10)	

PATENT REEL: 011650 FRAME: 0465