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FORM PTO-1595 1-31-92	RECOR	11-2	24-2000	T	U.S. DEPARTMENT OF COMMERCE
					Patent and Trademark Office
To the Honorable Commissioner	of Patents and	101	<u>525616</u>	original do	cuments or copy thereof.
1. Name of conveying party(ies): Ken WATANABE Toshikazu YASUE Tatsuya WATANUKI Additional name(s) of conveying party(ies) attached? Yes X No			Name and address of receiving party(ies): Name: Hitachi, Ltd. Street Address: 6, Kanda Surugadai 4-chome, Chiyoda-ku		
3. Nature of conveyance: Assignment			Country: Ja	apan	iched? Tes X 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) 09/654,089 September 1, 2000			the execution date B. Patent		on is:
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, LI			7. Total fee (37 C	CFR 3.41)	\$40.00
Internal Address:				cies may be charged I to be charged t	to deposit account o deposit account
Street Address: 1300 North Seventeenth Street Suite 1800 City: Arlington State: VA Zip: 22209		209	8. Deposit account number: 01-2135 (Attach duplicate copy of this page if paying by deposit account)		
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9. Statement and signature. To the best of my knowle copy of the original documents.		foregoing inf	ormation is true an	d correct and ar	ry attached copy is a true
Carl I. Brundidge Name of Person Signing Attorney Registration No. 29,62 Total number of pages including cover s		November 14, 2 Date	000		
OMB No. 0651-0011 (evn. 4/94)	`				

1.00 LNG2 HRSS: 10000 - 48 HN39-8-1

PATENT REEL: 011255 FRAME: 0941

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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

METHOD FOR SENDING NOTICE OF FAILURE DETECTION

 \star U.S. Serial No. 09/654,089 filed on September 1, 2000

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 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: 11/14/2000

	INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1)	Ken Watanabe	10/23/2000
2)	Toslukayı Vasue	10/26/2000
3)	Jabruya Walamtes Tatsuya WATAN JKI	10/26/2000
4)		
5)		
6)		
7)		
8)		
9)		
10)		

PATENT REEL: 011255 FRAME: 0942