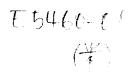
MRP 11/22/00	,	
FORM PTO-1595 1-31-92 RECORDATIC PA7	12-01-2000 U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
To the Honorable Commissioner of Patents and Tradem.	101534701 documents or copy thereof.	
1. Name of conveying party(ies): Kazuhiro ADACHI Masahiro AKAHORI Katsuhisa FUKUDA Takahiro YOSHIDA 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:	City: Tokyo:	
	Country: Japan	
Execution Date: October, 20, 24, 25 & 27, 2000	Additional name(s) & address(es) attached? Yes X No	
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: A. Patent Application No.(s) 09/655,492 September 5, 2000 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:	Enclosed Any deficiencies may be charged to deposit account Authorized to be charged to deposit account	
Street Address: 1300 North Seventeenth Street	8. Deposit account number: 01-2135	
Suite 1800 City: Arlington State: VA Zip: 22209	(Attach duplicate copy of this page if paying by deposit account)	
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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 November 22, 2000 Name of Person Signing Signature Attorney Registration No. 29,621 Total number of pages including cover sheet, attachments, and document: 2		
OMB No. 0651-0011 (exp. 4/94)		
1/24/2000 ABBITOM 00000011 09655492 \		

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PATENT REEL: 011280 FRAME: 0277



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 OF PROVIDING INFORMATION SERVICE

*U.S. Serial No.09/655492 filed on September 5, 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 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)
1) Kazuhiro Adachi	10/20/2000
2) Masahiro Akahori	10/24/2000
3) Katsuhisa Fukuda	10/25/2000
4) Takahira Yoshida	
5)	
6)	
7)	
8)	
9)	
10)	

PATENT REEL: 011280 FRAME: 0278

RECORDED: 11/22/2000