Γ		03-26-1999	No.: 501.36629X00	
1	FORM PTO-1595 1-31-92 RECORDATION FO: PATENT		COMMERCE Patent and Trademark Office	
		) <u>Të të kan karin dhën dhën kë të të kën kë</u> kën kana kan kana ka ka kare ka kare ka kare ka kare ka kare ka ka I në të kana kare kare kare kare kare kare kare kar	to or conv thereof	
	To the Honorable Commissioner of Patents and Trademarks: Pl	100990040	ts or copy thereof.	
	1. Name of conveying party(ies): Toshiyuki BANDOH	2. Name and address of receiving pa Name: Hitachi, Ltd.	irty(ies):	
	Yoshiaki SHINMURA Katsuhisa MIYATA			
	Masakazu TORII Satoshi ISHIKAWA	Street Address: 6, Kanda Surugad	lai 4-chome, Chiyoda-ku	
$\mathbf{A}$	Additional name(s) of conveying party(ies) attached? Yes X No	-		
$\langle \rangle$	3. Nature of conveyance:	City: Tokyo:		
~	Assignment Security Agreement Change of Name			
.0	Other	Country: Japan		
Ń	Execution Date: February 17, 1999			
••)	·	Additional name(s) & address(es) attache	d? 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)	B. Patent No.(s)		
	09/241,058 February 1, 1999			
	Additional numbers attached? Ves X 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 Authorized to be charged to d	-	
	Street Address: 1300 North Seventeenth Street	8. Deposit account number: 01-213		
	Suite 1800	_		
	City: Arlington State: VA Zip: 22209	(Attach duplicate copy of this page if pay	ing by deposit account)	
	DO NOT USE	THIS SPACE		
ľ	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	<u>March 2, 1999</u>		
	Name of Person SigningSignatureAttorney Registration No. 29,621	Date		
╞	Total number of pages including cover sheet, attachments, and document: 2	an a		
L	OMB No. 0651-0011 (exp. 4/94)			
	03/09/1999 MTEKLEMI 00000053 09241058			
	03/09/1939 HEREEN 00000 40.00 UP			
		REEL: 9834 FF		

## ASSIGNMENT (該渡証)

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 signatures :

	INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)	Witnesses (立会人サイン)
1)	Joshiyuki Bandoh	February 17, 1999	Azsusti Semba
2)	Joshicki Shimmura	February 17, 1999	yosushi Senha
	Katsuhisa miyata	February 17, 1999	
4)	Masahagu Jorri	February 17, 1999	
5)	A	February 17, 1999	•
~6)			
7)			
8)			
9)		1	
10)			

PATENT REEL: 9834 FRAME: 0817

**RECORDED: 03/02/1999**