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To the Honorable Commissioner of P.	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	se record the attached origina	a documents or copy thereor.			
1. Name of conveying party(ies):	} ;	Name and address of re	eceiving party(ies)			
Takeshi MINEMOTO, Masayu		Name: HITACHI,	LTD.			
Koji SUSO, Takashi MATSU Yuhei ABE	BARA,	-				
Additional name(s) of conveying partyles attached?	V D Vas (X No	Internal Address:				
Additional name(s) of conveying partyres and field:	G 169 2 140					
3 Nature of conveyance:						
3. Nature of conveyance: MAR 1 8 1999			anda Cururadai			
Assignment (2)	Merger	Street Address: 6, K	anda Surugadar			
☐ Security Agreement Security Agreement	Change of Name	4-chome, Chiyo	da-ku, Tokyo, Japan			
Other		City: State: ZIP:				
Execution Date: February 22, 1		Additional name(s) & address	s(es) attached? 🗆 Yes 🖔 No			
Application number(s) or patent number	r(s):					
If this document is being filed together	with a n ew application, the	ne execution date of the an	polication is:			
this document is being med together	with a 15th approausing it		priodition to.			
A. Patent Application No.(s)		B. Patent No.(s)				
Serial No.: 29/100 Filing Date: Feb. 2						
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	Additional numbers attach	ed? 🗅 Yes 🖏 No				
Name and address of party to whom co	rrespondence	6. Total number of applicat	ions and patents involved: 1			
concerning document should be mailed	1	то политической ирригии				
ANTONELLI, TERRY, S	TOUT					
Name: & KRAUS, LLP		7. Total fee (37 CFR 3.41))\$ <u>40.00</u>			
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		 Authorized to be character 	arged to deposit account			
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Suite 1800		01-2135				
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Melvin Kraus						
Reg. No. 22,466 Name of Person Signing	Reg. No. 22,466 Name of Person Signing Signature March 18, 1999					
Total number of pages including cover sheet, attachments, and document:						
Mail documents to be recorded with required cover sheet information to:						

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

IC CARD READER AND WRITER

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:

RECORDED: 03/18/1999

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) Jakeshi Minemoto	February	22, 1999	Kypski	matsimolo
2) <u>Masayuki Ohké</u>	February	22, 1999	Lyoshine	miliando
3) Koji Suso	February	22, 1999	Kingoshin	matamolos
4) Takashi Matsubara	February	22, 1999	Kijoshi	naturalo
5) There Abe	February	22, 1999	Kypolis	mutamoto
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PATENT REEL: 010085 FRAME: 0375