FORM PTO-1595 (Rev. 5-93)	-2001 HEET U.S. DEPARTMENT OF COMMERCE	
	566.39955X00 Patent and Trademark Office	
Tab settings ⇒ ⇒ ▼ To the Honorable Commissioner of	the attached original documents or copy thereof.	
	18187d address of receiving party(ies):	
OIPE Ikuo ASO 29-0)	Name: HITACHI TELECOM TECHNOLOGIES, LTD.	
/ Isao WADA		
AUG 0 9 2001 Sakae WATANABE	Internal Address:	
Additional name(s) of conveying party(ies) attached? Yes X N		
3. Nature of conveyance:		
Assignment	Street Address: 94 Aza Funabamukai Koriyama-shi	
Security Agreement Change of Nam		
☐ Other	City: Fukushima-ken, Japan State: ZIP:	
Execution Date: July 27, 2001	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 app	lication, the execution date of the application is:	
A. Patent Application No.(s)	B. Patent No.(s)	
09/821,021, filed March 30, 2001		
Additional numbers attached?		
5. Name and address of party to whom correspondence	e	
concerning document should be mailed:	6. Total number of applications and patents involved:	
Name: Antonelli, Terry, Stout & Kraus, LL	р	
	7. Total fee (37 CFR 3.41)	
Internal Address:		
	Authorized to be charged to deposit account	
Street Address: 1300 North 17th Street -Suite 1800	8. Deposit account number:	
City: Arlington State: VA ZIP: 2220	09 (Attach duplicate copy of this page if paying by deposit account)	
	OO 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 Reg. No. 29,621 Name of Person Signing	August 9, 2001 Signature Date	
	luding cover sheet, attachments, and document:	
Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments		
Washington, D.C. 20231		
(Form PTO1595Recordation Form Cover Sheet - page 1 of 3)		

PATENT REEL: 012079 FRAME: 0523

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 TELECOM TECHNOLOGIES, LTD., a corporation organized under the laws of Japan, located at 94 Aza Funabamukai Koriyama-shi, Fukushima-ken, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI TELECOM TECHNOLOGIES, LTD., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

ATM DEVICE, SUBSCRIBER SYSTEM, COMMUNICATION SYSTEM AND BACKUP METHOD

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 TELECOM TECHNOLOGIES, 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 TELECOM TECHNOLOGIES, LTD.

Signed on the date(s) indicated aside signatures:

INIVENITOR(C)

	(発明者フルネームサイン)	Date Signed (署名日)
1)	Ikuo Aso	27. July. 2001
	Zsao Wada	27. July. 2001
	Salse Watenebe Sakae WATANABE	27. July. 200/
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RECORDED: 08/09/2001

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