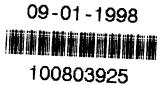
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7-U7-1998
Our Ref.: 1114-103

Honorable Assistant Commission PA ater Box Assignment, Washington, D.C. 20231

To the Honorable Assistant Commissioner of Patents: Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Michinori Morimune	
Hironori Tanaka	Name: Sharp Kabushiki Kaisha
	Internal Address:
	Street Address: 22-22, Nagaike-cho, Abeno-ku
Additional name/s of conveying party/ies attached?	
3. Nature of conveyance:	City: Osaka
	State/Country: Japan
Security Assignment Change of Name	Zip: 545-8522
Other	-
Execution Date: August 7, 1998	Additional name/s & address/es attached? ☐ Yes ☒ No
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application, the execution	on date of the application is:
A. Patent Application No(s).	B. Patent No(s).
(1) 09/111,785	(1)
(2)	(2)
(3)	(3)
Additional numbers attached Yes No	
5. Name and address of party to whom correspondence	6. Total number of applications & patents involved:
concerning document should be mailed:	
	7. Total fee (37 CFR 3.41) \$ 40.00
Name: H. Warren Burnam, Jr.	⊠ Enclosed
	Authorized to be charged to deposit account #14-1140
Internal Address:	_
	8. The Commissioner is hereby authorized to charge any
Street Address: Nixon & Vanderhye P.C.	<u>deficiency</u> in the fee(s) filed, or asserted to be filed, or which
1100 North Glebe Road	should have been filed herewith (or with any paper thereafter
8th Floor	filed in this application by this firm) to our Account No.
City: Arlington State: VA Zip: 22201	14-1140.
DO NOT USE THIS SPACE	
9. Statements 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.	
H. Warren Burnam, Jr.	August 21, 1998
Name of Person Signing Sig	nature Date
Reg. No. 29,366	
Total number of pages including original cover sheet, attachments, and document: [2]	

01455/98/7// 19/22

ASSIGNMENT OF PATENT APPLICATION

	(1) Michinori MORIMUNE and
	(2) Hironori TANAKA
(Inventors)	(3)
	(4)
	In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to
(Assignee)	(5) SHARP KABUSHIKI KAISHA
(Address)	(6) of22-22, Nagaike-cho, Abeno-ku, Osaka, Japan
	(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, and for the country of
(Other Countries)	(7) in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as
(Title)	(8) Original Reading and Conveying Apparatus (Case No)
	for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed
	(9) on or has already filed in
	(10) U.S. appln. Serial Number, filed on July 8, 1998
	(11) The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.
interference win connection necessary in congreements. 2) The upatent to the A 3) The upatent to the A United States Assignee of the assigned, and the A 4) The upatent A	indersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as the entire interest, and hereby convenants that he has (they have) full right to convey the entire interest herein that he has (they have) not executed and will not execute, any agreement in conflict herewith. Indersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any lication which may be necessary to desirable in order to comply with the rules of the United States Patent Office for
In witness	s whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).
	7, 1998 Signature of Inventor (1) (Michinori MORIMUNE) michimori movimune
Date August	7, 1998 Signature of Inventor (2)(Hironori TANAKA) Hironoci Tanaka
Date	Signature of Inventor (3)
Date	Signature of Inventor (4)
Witnessed	l by:
	Date
Witness	PATENT Date ORDED: 08/21/1998 REEL: 9408 FRAME: 0004
KEU	JKDED. 06/21/1996