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Our Ref.: 3693-49

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Commissioner of Patents P.O. Box 1450

Alexandria, VA 22313-1450

102637050

To the Honorable Commissioner of Patents and Trademarks: F	
1. Name of conveying party(ies): Yoshifumi OTA 1. Name of conveying party(ies):	2. I valide and address of feeelving party (less).
Toshiyuki YOSHIMIZU	Name. Sharp Kabushiki Kaisha 6
·	Internal Address:
	Street Address: 22-22, Nagaike-cho, Abeno-ku,
Additional name/s of conveying party/ies attached?	Osaka-shi,
3. Nature of conveyance:	City: Osaka
	State/Country: Japan
Security Assignment Change of Name	Zip: 545-8522
Other	-
Execution Date: December 16, 2003	_ 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 of the execution	cution date of the application is: December 16, 2003
A. Patent Application No(s). 10746799	B. Patent No(s).
	(1)
(2)	(2)
(3)	$(3) \qquad \qquad \Box$
Additional numbers	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications & patents involved:1
Tontoning accument should be maned.	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
8 th 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.	
	rmation is true and correct and any attached copy is a true copy
of the original document.	indicate is the different and any attached copy to a due copy
H. Warren Burnam, Jr.	December 22, 2003 gnature Date
Name of Person Signing Si	gnature Date

Total number of pages including original cover sheet, attachments, and document:

3 x 2003 EHAILE1 00000051 10740799

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Document3

[3]

Attorney D	ocket No.	

ASSIGNMENT

WHEREAS, Yoshifumi OTA, Toshiyuki YOSHIMIZU					
(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements inDISPLAY PARKE AND HOR FOR FABRICATING TIPE SAFE					
	for which the undersigned has (have)):			
(a)	filed an application for Letters Patent of the United States of America on having Serial No; or				
(b)	executed an application for Letters Patent of the United States of America on t date(s) indicated below; and	he			
	EREAS, <u>Sharp Kabushiki Kaisha</u> o aike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522, Japan	f			
its heirs, suc desirous of a	acquiring the entire right, title and interest in and to said invention and in and to a ent(s) that may be granted therefor in the United States of America;				

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents do sell, assign and transfer unto the Assignee the full and exclusive right to the said invention in the United States of America and its territories and for all foreign countries, dependencies and possessions and the entire right, title and interest in and to the application and any and all Letters Patent(s) which may be granted therefor in the United States of America and its territories, dependencies and possessions, and in and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or any continuation, division or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

PATENT REEL: 014838 FRAME: 0218 The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims under or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein hereby conveyed to the Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the Assignee, as Assignee of the entire interest, and hereby convenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

This Assignment has been executed by the undersigned on the date(s) indicated.

Date:	December 16, 2003	, loshitumi OTA
		Yoshifumi OTA
Date:	December 16, 2003	Toshiyuki Yoshimizu Toshiyuki YOSHIMIZU
Date:		
Date:		
Date:		•
Date:		

RECORDED: 12/22/2003

PATENT REEL: 014838 FRAME: 0219