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Our Ref.: MJK-790-1820

	103456388	
To the Director of the U.S. Patent and Trademark Offic.	ents or copy thereof.	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):	
1 Yoshito Fujii 5		
2 Keiji Suzuki 6	1) Name: Sharp Kabushiki Kaisha	
3 7	Street Address: 22-22, Nagaike-cho, Abeno-ku	
8	City: Osaka	
	State/Country: Japan Zip:	
Additional name/s of conveying party/ies attached?		
3. Nature of conveyance:	2) Name	
Assignment Merger	Street Address:	
Security Assignment Change of Name	City:	
Other	State: Zip:	
Execution Date: April 13, 2007	Additional name/s & address/es attached?  Yes No	
	s assignment is being filed together with a new application.	
A. Patent Application No(s).	B. Patent No(s).	
(1) 29/272,938	(1)	
(2) (3)	(2)	
Additional numbers at	(3) tached □ Yes ☒ No	
5. Name and address of party to whom correspondence	6. Total number of applications & patents involved:	
concerning document should be mailed:	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
concerning decement browns of manies.	7. Total fee (37 CFR 3.41) \$ 40.00	
Name: Michael J. Keenan	⊠ 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.	deficiency in the fee(s) filed, or asserted to be filed, or which	
901 North Glebe Road	should have been filed herewith (or with any paper thereafter	
11th Floor	filed in this application by this firm) to our Account No.	
City: Arlington State: VA Zip: 22203	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.		
Michael I Vaenan May 15, 2007		
Wichael J. Reenan		
Name of Person Signing Signature Date  Reg. No. 32,106		
Total number of pages including original cover sheet, attachments, and document: [3]		
Total namous of huges marined and a second of the second o		
1.1/2 Lating and should be faved to (571) 273-0140, or mailed to:		

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mail Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

> 65/16/2007 HMARZII 00000082 29272938 US Fizadii #1205556 v1 - 790-1820 Form PTO-1595

## ASSIGNMENT FOR PATENT APPLICATION (All Rights)

WHEREAS, Yoshito Fujii and Keiji Suzuki, (hereinafter ASSIGNORS) of 466-35, Ryubuku, awachimachi, Kawachi-gun, Tochigi-ken, Japan; and 174-21, Hayakawa-cho, Yaita-shi, Tochigi-ken, Japan, espectively, have invented a certain improvement in TELEVISION SET for which a so-entitled application for etters Patent of the United States is being concurrently executed herewith; was filed in the United States attent and Trademark Office on February 22, 2007 under Serial No. 29/272,938;

WHEREAS, Sharp Kabushiki Kaisha (hereinafter ASSIGNEE), a corporation of the Country of Japan, aving an office and place of business at 22-22, Nagaike-cho, Abeno-ku, Osaka, Japan is desirous of acquiring n interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable onsideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNORS by these resents hereby sell, assign, and transfer unto the said ASSIGNEE, its successors, assigns, and legal appresentatives, ASSIGNORS' entire right, title and interest in the United States of America and all foreign ountries, in and to the invention as described in the aforesaid application, and to the said application and to all ubsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes f said application, and all resulting patents, together with the right of priority under the International onvention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres; and the ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue aid Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal appresentatives. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have appresented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;

ASSIGNORS hereby agree to transfer a like interest upon request of said ASSIGNEE, its successors, ssigns, and legal representatives, and without further remuneration, in and to any improvements, and oplications for patents based thereon, growing out of or related to the said invention;

ASSIGNORS hereby agree to execute any papers by ASSIGNEE, its successors, assigns, and legal presentatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby ansferred; and

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ASSIGNORS hereby agree, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

AGREED and executed as noted below:		
	April 13, 2007	Moshela Justi
Witnessed by:	Date	Yoshito Fujii /
	Shinichi Furukawa	13.4.2007
Name:		Date:
	April 13, 2007	Neiji Suyuki Keiji Suzuki
Date Witnessed by:	Keiji Suzuk	
Tritinessed by.	Shinichi Furukaua	13, 4.2007
Name:		Date:

RECORDED: 05/15/2007 | REEL: 020023 FRAME: 0796