

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Tatsuo MORI</td><td>05/18/2011</td></tr><tr><td>Yuji HAYASHIHARA</td><td>05/18/2011</td></tr><tr><td>Kenji OHTA</td><td>05/18/2011</td></tr></tbody></table>	Name	Execution Date	Tatsuo MORI	05/18/2011	Yuji HAYASHIHARA	05/18/2011	Kenji OHTA	05/18/2011					
Name	Execution Date												
Tatsuo MORI	05/18/2011												
Yuji HAYASHIHARA	05/18/2011												
Kenji OHTA	05/18/2011												
RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>Sharp Kabushiki Kaisha</td></tr><tr><td>Street Address:</td><td>22-22, Nagaike-cho</td></tr><tr><td>Internal Address:</td><td>Abeno-ku</td></tr><tr><td>City:</td><td>Osaka</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr><tr><td>Postal Code:</td><td>545-8522</td></tr></table>	Name:	Sharp Kabushiki Kaisha	Street Address:	22-22, Nagaike-cho	Internal Address:	Abeno-ku	City:	Osaka	State/Country:	JAPAN	Postal Code:	545-8522	
Name:	Sharp Kabushiki Kaisha												
Street Address:	22-22, Nagaike-cho												
Internal Address:	Abeno-ku												
City:	Osaka												
State/Country:	JAPAN												
Postal Code:	545-8522												
PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>29394196</td></tr></tbody></table>	Property Type	Number	Application Number:	29394196									
Property Type	Number												
Application Number:	29394196												
CORRESPONDENCE DATA													
Fax Number: (703)816-4100 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: 7038164000													
Email: sab@nixonvan.com													
Correspondent Name: NIXON & VANDERHYE, PC													
Address Line 1: 901 NORTH GLEBE ROAD, 11TH FLOOR													
Address Line 4: ARLINGTON, VIRGINIA 22203													
ATTORNEY DOCKET NUMBER:	MJK-790-2243												
NAME OF SUBMITTER:	Michael J. Keenan												
Total Attachments: 4 source=790-2243ASSIGNMT#page1.tif source=790-2243ASSIGNMT#page2.tif source=790-2243ASSIGNMT#page3.tif source=790-2243ASSIGNMT#page4.tif													

OP \$40.00 29394196

501564631

PATENT
REEL: 026442 FRAME: 0037

ASSIGNMENT FOR PATENT APPLICATION
(U.S. Rights Only)

WHEREAS, Tatsuo MORI of c/o Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku, Osaka, Japan, 545-8522; Yuji HAYASHIHARA of c/o Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku, Osaka, Japan, 545-8522; and Kenji OHTA of c/o Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku, Osaka, Japan, 545-8522; (hereinafter ASSIGNORS), have made an invention entitled CASH REGISTER for which a so-entitled application for Letters Patent of the United States, is being concurrently executed herewith;

WHEREAS, Sharp Kabushiki Kaisha (hereinafter ASSIGNEE), a corporation of the Country of Japan, having an office and place of business at 22-22, Nagaike-cho, Abeno-ku, Osaka, Japan 545-8522 is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNORS by these presents hereby sell, assign, and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNORS' entire right, title and interest in the United States of America as defined in 35 U.S.C. § 100, in and to the invention as described in the aforesaid application and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, and the ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademark to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. 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;

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

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

AGREED and executed as noted below:

May 18, 2011
Date

Witnessed by:

Kazuhito Iwai
Name:

TATSUO MORI
Tatsuo MORI

May 18, 2011
Date:

AGREED and executed as noted below:

May 18, 2011

Date

Witnessed by:

Kazuhito Chai

Name:

Yuji Hayashihara

Yuji HAYASHIHARA

May 18, 2011

Date:

AGREED and executed as noted below:

May 18, 2011
Date

Witnessed by:

Kazuhito Iwai
Name:

KENJI OHTA
Kenji OHTA

May 18, 2011
Date: