

PATENT ASSIGNMENT

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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>Shun UEKI</td> <td>04/22/2011</td> </tr> <tr> <td>Kozo NAKAMURA</td> <td>04/22/2011</td> </tr> <tr> <td>Tomohiko MORI</td> <td>04/22/2011</td> </tr> <tr> <td>Kazunari TOMIZAWA</td> <td>04/22/2011</td> </tr> <tr> <td>Yuichi YOSHIDA</td> <td>04/28/2011</td> </tr> </tbody> </table>		Name	Execution Date	Shun UEKI	04/22/2011	Kozo NAKAMURA	04/22/2011	Tomohiko MORI	04/22/2011	Kazunari TOMIZAWA	04/22/2011	Yuichi YOSHIDA	04/28/2011
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RECEIVING PARTY DATA													
Name:	Sharp Kabushiki Kaisha												
Street Address:	22-22, Nagaike-cho												
City:	Abeno-ku, Osaka-shi, 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>13128884</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13128884								
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CORRESPONDENCE DATA													
Fax Number:	(571)313-7421												
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ATTORNEY DOCKET NUMBER:	70404.747/OK												
NAME OF SUBMITTER:	Michelle Rhodes												
Total Attachments: 2 source=70404-747-PTO-20110509-Assignment#page1.tif source=70404-747-PTO-20110509-Assignment#page2.tif													

OP \$40.00 13128884

ASSIGNMENT (WORLDWIDE)

WHEREAS, We, Shun UEKI, Kozo NAKAMURA, Tomohiko MORI, Kazunari TOMIZAWA and Yuichi YOSHIDA (hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled DISPLAY DEVICE for which application for Letters Patent of the United States has been _____ executed on even date herewith;
X filed on 05/12/11 as Serial No. 13/128,884.

WHEREAS, SHARP KABUSHIKI KAISHA, 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 JAPAN (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to the said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted; and all Letters Patent and applications therefor through the world, including all the rights accruing by virtue of the International Convention for the Protection of Industrial Property.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

Dated: April 22, 2011

Shun Ueki
(Shun UEKI)

Dated: April 22, 2011

Kozo Nakamura
(Kozo NAKAMURA)

Dated: April 22, 2011

Tomohiko Mori
(Tomohiko MORI)

Dated: April 22, 2011

Kazunari Tomizawa
(Kazunari TOMIZAWA)

Dated: April 28, 2011

Yuichi Yoshida
(Yuichi YOSHIDA)