

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Naoshi YAMADA</td> <td>07/04/2007</td> </tr> <tr> <td>Toshihide TSUBATA</td> <td>07/04/2007</td> </tr> <tr> <td>Hidehiko YAMAGUCHI</td> <td>07/04/2007</td> </tr> <tr> <td>Yoshinori SHIMADA</td> <td>07/05/2007</td> </tr> </tbody> </table>		Name	Execution Date	Naoshi YAMADA	07/04/2007	Toshihide TSUBATA	07/04/2007	Hidehiko YAMAGUCHI	07/04/2007	Yoshinori SHIMADA	07/05/2007
Name	Execution Date										
Naoshi YAMADA	07/04/2007										
Toshihide TSUBATA	07/04/2007										
Hidehiko YAMAGUCHI	07/04/2007										
Yoshinori SHIMADA	07/05/2007										
RECEIVING PARTY DATA											
Name:	Sharp Kabushiki Kaisha										
Street Address:	22-22, Nagaike-cho, Abeno-ku										
City:	Osaka-shi, Osaka										
State/Country:	JAPAN										
Postal Code:	545-8522										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11815783</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11815783						
Property Type	Number										
Application Number:	11815783										
CORRESPONDENCE DATA											
Fax Number:	(703)637-1499										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	703-637-1480										
Email:	mrhodes@kbiplaw.com										
Correspondent Name:	Keating & Bennett, LLP										
Address Line 1:	8180 Greensboro Drive										
Address Line 2:	Suite 850										
Address Line 4:	McLean, VIRGINIA 22102										
ATTORNEY DOCKET NUMBER:	70404.184/HA										
NAME OF SUBMITTER:	Michelle Rhodes										
Total Attachments: 1											

OP \$40.00 11815783

500330219

**PATENT
 REEL: 019664 FRAME: 0263**

ASSIGNMENT (WORLDWIDE)

WHEREAS, We, Naoshi YAMADA, Toshihide TSUBATA, Hidehiko YAMAGUCHI, Yoshinori SHIMADA (hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled LIQUID CRYSTAL DISPLAY DEVICE AND MANUFACTURING METHOD THEREOF for which application for Letters Patent of the United States has been

executed on even date herewith;
X filed on 08/08/07 as Serial No. 11/815,783

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 therefore;

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 therefore 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 therefore 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: July 4, 2007

Naoshi YAMADA
Naoshi YAMADA

Dated: July 4, 2007

Toshihide Tsubata
Toshihide TSUBATA

Dated: July 4, 2007

Hidehiko Yamaguchi
Hidehiko YAMAGUCHI

Dated: July 5, 2007

Yoshinori Shimada
Yoshinori SHIMADA