

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>Hiroyuki MORIWAKI</td> <td>04/24/2012</td> </tr> </tbody> </table>		Name	Execution Date	Hiroyuki MORIWAKI	04/24/2012						
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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>City:</td> <td>Abeno-ku, Osaka-shi, 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	City:	Abeno-ku, Osaka-shi, Osaka	State/Country:	JAPAN	Postal Code:	545-8522
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Application Number:	13515075										
CORRESPONDENCE DATA											
Fax Number:	(571)313-7421										
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NAME OF SUBMITTER:	Satoko Sakiyama										
Total Attachments: 2 source=70404-1072-PTO-20120611-signed-assignment--#page1.tif source=70404-1072-PTO-20120611-signed-assignment--#page2.tif											

OP \$40.00 13515075

Attorney Docket No.: _____

ASSIGNMENT (WORLDWIDE)

WHEREAS, I, (We), Hiroyuki MORIWAKI
_____ (hereinafter referred to as ASSIGNOR), have
invented and own a certain invention entitled _____
LIQUID CRYSTAL DISPLAY DEVICE _____ for which
application for Letters Patent of the United States has been

x executed on even date herewith;

_____ filed on _____ as Serial No. _____.

WHEREAS, Sharp Kabushiki Kaisha of 22-22, Nagalke-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.

1/2

10R01521
SIO-420491-0

Dated: April 24, 2012

Hiroyuki Moriwaki
Hiroyuki MORIWAKI

Dated: _____

Dated: _____

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