

## PATENT ASSIGNMENT COVER SHEET

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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>TADAYOSHI MIYAMOTO</td> <td>12/10/2013</td> </tr> <tr> <td>FUMIKI NAKANO</td> <td>12/10/2013</td> </tr> </tbody> </table>		Name	Execution Date	TADAYOSHI MIYAMOTO	12/10/2013	FUMIKI NAKANO	12/10/2013
Name	Execution Date						
TADAYOSHI MIYAMOTO	12/10/2013						
FUMIKI NAKANO	12/10/2013						
RECEIVING PARTY DATA							
Name:	Sharp Kabushiki Kaisha						
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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>14128437</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14128437		
Property Type	Number						
Application Number:	14128437						
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Signature:	/Miwa Tyburski/						
Date:	12/20/2013						
Total Attachments: 1 source=12R00586US_Assignment#page1.tif							

OP \$40.00 14128437

**ASSIGNMENT**

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

**DISPLAY DEVICE AND METHOD FOR MANUFACTURING SAME**

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed a PCT International Application designating the United States on June 18, 2012, (PCT International Application No. PCT/JP2012/003960); and

WHEREAS, Sharp Kabushiki Kaisha, a corporation of Japan, whose post office address is 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 Japan, (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to issue upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/WE, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Power of Attorney in this application, to insert here in parenthesis (Application No. \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

<b>Full Name of Sole or First Assignor</b> Tadayoshi MIYAMOTO	<b>Assignor's Signature</b> <i>Tadayoshi Miyamoto</i>	<b>Date</b> December 10, 2013
<b>Address</b> c/o Sharp Kabushiki Kaisha 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 Japan		<b>Citizenship</b> Japan
<b>Full Name of Second Assignor</b> Fumiki NAKANO	<b>Assignor's Signature</b> <i>Fumiki Nakano</i>	<b>Date</b> December 10, 2013
<b>Address</b> c/o Sharp Kabushiki Kaisha 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 Japan		<b>Citizenship</b> Japan
Names of additional inventors attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		