

## 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>KOHZOH TAKAHASHI</td> <td>09/19/2013</td> </tr> <tr> <td>TAKETOSHI NAKANO</td> <td>09/19/2013</td> </tr> <tr> <td>ASAHI YAMATO</td> <td>09/19/2013</td> </tr> <tr> <td>KEN INADA</td> <td>09/21/2013</td> </tr> <tr> <td>FUMIYUKI KOBAYASHI</td> <td>09/19/2013</td> </tr> <tr> <td>TOSHIHIRO YANAGI</td> <td>09/19/2013</td> </tr> </tbody> </table>		Name	Execution Date	KOHZOH TAKAHASHI	09/19/2013	TAKETOSHI NAKANO	09/19/2013	ASAHI YAMATO	09/19/2013	KEN INADA	09/21/2013	FUMIYUKI KOBAYASHI	09/19/2013	TOSHIHIRO YANAGI	09/19/2013
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RECEIVING PARTY DATA															
Name:	Sharp Kabushiki Kaisha														
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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>14110767</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14110767										
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Application Number:	14110767														
CORRESPONDENCE DATA															
Fax Number:	(571)313-7421														
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ATTORNEY DOCKET NUMBER:	70404.1652/HA														

NAME OF SUBMITTER:	MICHELLE RHODES
Signature:	/AMD/mr
Date:	01/07/2014
<b>Total Attachments: 3</b> source=70404-1652-Client-20131004-Signed_Assignment#page1.tif source=70404-1652-Client-20131004-Signed_Assignment#page2.tif source=70404-1652-Client-20131004-Signed_Assignment#page3.tif	

**ASSIGNMENT (WORLDWIDE)**

WHEREAS, We, ①TAKAHASHI, Kohzoh ②NAKANO, Taketoshi ③YAMATO, Asahi ④INADA, Ken ⑤KOBAYASHI, Fumiuyuki ⑥YANAGI, Toshihiro (hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled **DISPLAY DEVICE AND CONTROL METHOD FOR DISPLAY DEVICE** for which application for Letters Patent of the United States has been

\_\_\_\_\_ executed on even date herewith;  
\_\_\_\_\_ filed on \_\_\_\_\_ as Serial No. \_\_\_\_\_.

WHEREAS, **SHARP KABUSHIKI KAISHA, 22-22, Nagaïke-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: September 19, 2013

K.T.  
Takahashi Kohzoh  
TAKAHASHI, Kohzoh

Dated: 9 / 19 / 2013

Tanaka  
NAKANO, Taketoshi

Dated: September 19/2013

Yamato, Asahi  
YAMATO, Asahi

Dated: 21 September 2013

Ken Inada  
INADA, Ken

Dated: \_\_\_\_\_

\_\_\_\_\_  
KOBAYASHI, Fumiyuki

Dated: \_\_\_\_\_

\_\_\_\_\_  
YANAGI, Toshihiro

Dated: \_\_\_\_\_

\_\_\_\_\_  
INADA, Ken

Dated: September 19, 2013

Fumiyuki Kobayashi  
\_\_\_\_\_  
KOBAYASHI, Fumiyuki

Dated: September 19, 2013

Toshihiro Yamagi  
\_\_\_\_\_  
YAMAGI, Toshihiro