

## 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>Hikomitsu KATSUI</td> <td>09/15/2013</td> </tr> <tr> <td>Yoshimasa CHIKAMA</td> <td>07/10/2013</td> </tr> <tr> <td>Wataru NAKAMURA</td> <td>07/25/2013</td> </tr> <tr> <td>Tetsunori TANAKA</td> <td>07/25/2013</td> </tr> <tr> <td>Kenichi KITOH</td> <td>08/02/2013</td> </tr> </tbody> </table>		Name	Execution Date	Hikomitsu KATSUI	09/15/2013	Yoshimasa CHIKAMA	07/10/2013	Wataru NAKAMURA	07/25/2013	Tetsunori TANAKA	07/25/2013	Kenichi KITOH	08/02/2013
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CORRESPONDENCE DATA													
<p>Fax Number: 5713137421  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 5713137440        Email: mflorimonte@kbiplaw.com        Correspondent Name: Keating &amp; Bennett, LLP        Address Line 1: 1800 Alexander Bell Drive        Address Line 2: Suite 200        Address Line 4: Reston, VIRGINIA 20191</p>													
ATTORNEY DOCKET NUMBER:	70404.1568/HA												
NAME OF SUBMITTER:	Maura Florimonte												

OP \$40.00 13983655

Signature:	/CAB/mf/
Date:	09/30/2013
Total Attachments: 2 source=70404-1568-PTO-20131003-Signed_Assignment#page1.tif source=70404-1568-PTO-20131003-Signed_Assignment#page2.tif	

**ASSIGNMENT (WORLDWIDE)**

WHEREAS, We, Hiromitsu KATSUI, Yoshimasa CHIKAMA, Wataru NAKAMURA, Tetsunori TANAKA and Kenichi KITO (hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled **ACTIVE MATRIX SUBSTRATE, DISPLAY PANEL, AND 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 15, 2013

Hiromitsu Katsui  
Hiromitsu KATSUI

Dated: July 10, 2013

Yoshimasa Chikama  
Yoshimasa CHIKAMA

Dated: July 25, 2013

Wataru Nakamura  
Wataru NAKAMURA

Dated: July 25, 2013

Tetsunori Tanaka  
Tetsunori TANAKA

Dated: August 2, 2013

Kenichi Kitoh  
Kenichi KITO

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

\_\_\_\_\_