

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																				
NATURE OF CONVEYANCE:	ASSIGNMENT																				
<b>CONVEYING PARTY DATA</b>																					
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<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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<b>CORRESPONDENCE DATA</b>																					
Fax Number:	5713137421																				
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ATTORNEY DOCKET NUMBER:

70404.1288/MA

NAME OF SUBMITTER:

Maura Florimonte

Total Attachments: 3

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Attorney Docket No.: \_\_\_\_\_

**ASSIGNMENT (WORLDWIDE)**

WHEREAS, I, (We), Masahiko SUZUKI, Yoshimasa CHIKAMA, Yuuji MIZUNO, Yoshifumi OHTA, Tokuo YOSHIDA, Okifumi NAKAGAWA, Yoshiyuki HARUMOTO, Yoshinobu MIYAMOTO, and Tetsuya YAMASHITA (hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled ACTIVE MATRIX SUBSTRATE AND DISPLAY PANEL for which application for Letters Patent of the United States has been

\_\_\_\_\_ executed on even date herewith;  
 filed on 11-09-12 as Serial No. 13/597,106.

WHEREAS, Sharp Kabushiki Kaisha of 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 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.

Dated: October 2, 2012

Masahiko Suzuki  
 Masahiko SUZUKI

Dated: October 2, 2012Yoshimasa Chikama

Yoshimasa CHIKAMA

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

Hinae MIZUNO (heir of Yuuji MIZUNO)Dated: November 12, 2012Yoshifumi Ohta

Yoshifumi OHTA

Dated: October 3, 2012Tokuo Yoshida

Tokuo YOSHIDA

Dated: November 14, 2012Okifumi Nakagawa

Okifumi NAKAGAWA

Dated: October 4, 2012Yoshiyuki Harumoto

Yoshiyuki HARUMOTO

Dated: November 15, 2012宮本 忠信

Yoshinobu MIYAMOTO

Dated: October 2, 2012Tetsuya YAMASHITA

Tetsuya YAMASHITA

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

\_\_\_\_\_  
Yoshimasa CHIKAMA

Dated: March 13<sup>th</sup>, 2012

Hinae MIZUNO  
Hinae MIZUNO (heir of Yuuji MIZUNO)

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

\_\_\_\_\_  
Yoshifumi OHTA

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

\_\_\_\_\_  
Tokuo YOSHIDA

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

\_\_\_\_\_  
Okifumi NAKAGAWA

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

\_\_\_\_\_  
Yoshiyuki HARUMOTO

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

\_\_\_\_\_  
Yoshinobu MIYAMOTO

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

\_\_\_\_\_  
Tetsuya YAMASHITA