

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>Kazuhide TOMIYASU</td> <td>03/13/2013</td> </tr> <tr> <td>Tomohiro KIMURA</td> <td>03/13/2013</td> </tr> </tbody> </table>	Name	Execution Date	Kazuhide TOMIYASU	03/13/2013	Tomohiro KIMURA	03/13/2013	
Name	Execution Date						
Kazuhide TOMIYASU	03/13/2013						
Tomohiro KIMURA	03/13/2013						
RECEIVING PARTY DATA							
Name:	Sharp Kabushiki Kaisha						
Street Address:	22-22, Nagaike-cho						
City:	Abeno-ku, Osaka-shi, Osaka						
State/Country:	JAPAN						
Postal Code:	545-8522						
PROPERTY NUMBERS Total: 1							
Property Type	Number						
Application Number:	13885768						
CORRESPONDENCE DATA							
Fax Number:	5713137421						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	5713137440						
Email:	ssakiyama@kbiplaw.com						
Correspondent Name:	Keating & Bennett, LLP						
Address Line 1:	1800 Alexander Bell Drive						
Address Line 2:	Suite 200						
Address Line 4:	Reston, VIRGINIA 20191						
ATTORNEY DOCKET NUMBER:	70404.1490/MA						
NAME OF SUBMITTER:	Satoko Sakiyama						
Signature:	/AMD/ss						
Date:	05/16/2013						
Total Attachments: 1 source=70404-1490-Client-20130510-Signed_Assignment--#page1.tif							

OP \$40.00 13885768

Attorney Docket No.: _____

ASSIGNMENT (WORLDWIDE)WHEREAS, I, (We), Kazuhide TOMIYASU and Tomohiro KIMURA

_____ (hereinafter referred to as ASSIGNOR), have
 invented and own a certain invention entitled **THIN FILM TRANSISTOR
 SUBSTRATE AND DISPLAY DEVICE INCLUDING THE SAME, AND METHOD FOR
 MANUFACTURING THIN FILM TRANSISTOR SUBSTRATE** 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, 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: March 13, 2013

Kazuhide Tomiyasu
 Kazuhide TOMIYASU

Dated: March 13, 2013

Tomohiro Kimura
 Tomohiro KIMURA