

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2669772

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>TAKAHARU YAMADA</td> <td>11/28/2013</td> </tr> <tr> <td>RYOHKI ITOH</td> <td>12/02/2013</td> </tr> <tr> <td>MASAHIRO YOSHIDA</td> <td>11/28/2013</td> </tr> <tr> <td>HIDETOSHI NAKAGAWA</td> <td>12/04/2013</td> </tr> <tr> <td>TAKUYA OHISHI</td> <td>12/06/2013</td> </tr> <tr> <td>MASAHIRO MATSUDA</td> <td>12/06/2013</td> </tr> <tr> <td>KAZUTOSHI KIDA</td> <td>12/04/2013</td> </tr> </tbody> </table>		Name	Execution Date	TAKAHARU YAMADA	11/28/2013	RYOHKI ITOH	12/02/2013	MASAHIRO YOSHIDA	11/28/2013	HIDETOSHI NAKAGAWA	12/04/2013	TAKUYA OHISHI	12/06/2013	MASAHIRO MATSUDA	12/06/2013	KAZUTOSHI KIDA	12/04/2013
Name	Execution Date																
TAKAHARU YAMADA	11/28/2013																
RYOHKI ITOH	12/02/2013																
MASAHIRO YOSHIDA	11/28/2013																
HIDETOSHI NAKAGAWA	12/04/2013																
TAKUYA OHISHI	12/06/2013																
MASAHIRO MATSUDA	12/06/2013																
KAZUTOSHI KIDA	12/04/2013																
RECEIVING PARTY DATA																	
<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						
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																	
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14131232</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14131232												
Property Type	Number																
Application Number:	14131232																
CORRESPONDENCE DATA																	
Fax Number:	(571)313-7421																
Phone:	571-313-7440																
Email:	mrhodes@kbiplaw.com																
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>																	
Correspondent Name:	KEATING & BENNETT, LLP																
Address Line 1:	1800 ALEXANDER BELL DR.																
Address Line 2:	SUITE 200																
Address Line 4:	RESTON, VIRGINIA 20191																
ATTORNEY DOCKET NUMBER:	70404.1737/AK																

PATENT

NAME OF SUBMITTER:	MICHELLE RHODES
Signature:	/AMD/mr
Date:	01/07/2014
Total Attachments: 2 source=70404-1737-PTO-20140107-Signed_Assignment#page1.tif source=70404-1737-PTO-20140107-Signed_Assignment#page2.tif	

ASSIGNMENT (WORLDWIDE)

WHEREAS, We, Takaharu YAMADA, Ryohki ITOH, Masahiro YOSHIDA, Hidetoshi NAKAGAWA, Takuya OHISHI, Masahiro MATSUDA and Kazutoshi KIDA (hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled **METHOD OF MANUFACTURING ELEMENT SUBSTRATE** 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, 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 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: November 28, 2013

Takaharu Yamada
Takaharu YAMADA

Dated: December 2, 2013
~~November 28, 2013~~

Ryohki Itoh
Ryohki ITOH

Dated: November 28, 2013

Masahiro Yoshida
Masahiro YOSHIDA

Dated: December 4, 2013

Hidetoshi Nakagawa
Hidetoshi NAKAGAWA

Dated: December 6, 2013

Takuya Ohishi
Takuya OHISHI

Dated: December 6, 2013

Masahiro Matsuda
Masahiro MATSUDA

Dated: December 4, 2013

Kazutoshi Kida
Kazutoshi KIDA