

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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>Hideki UCHIDA</td> <td>12/16/2011</td> </tr> <tr> <td>Emi YAMAMOTO</td> <td>12/16/2011</td> </tr> <tr> <td>Kazuya NITTA</td> <td>12/20/2011</td> </tr> <tr> <td>Yasumasa NAKAMURA</td> <td>12/20/2011</td> </tr> </tbody> </table>		Name	Execution Date	Hideki UCHIDA	12/16/2011	Emi YAMAMOTO	12/16/2011	Kazuya NITTA	12/20/2011	Yasumasa NAKAMURA	12/20/2011
Name	Execution Date										
Hideki UCHIDA	12/16/2011										
Emi YAMAMOTO	12/16/2011										
Kazuya NITTA	12/20/2011										
Yasumasa NAKAMURA	12/20/2011										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Sharp Kabushiki Kaisha</td> </tr> <tr> <td>Street Address:</td> <td>22-22, Nagaïke-cho, Abeno-ku, Osaka-shi</td> </tr> <tr> <td>City:</td> <td>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, Nagaïke-cho, Abeno-ku, Osaka-shi	City:	Osaka	State/Country:	JAPAN	Postal Code:	545-8522
Name:	Sharp Kabushiki Kaisha										
Street Address:	22-22, Nagaïke-cho, Abeno-ku, Osaka-shi										
City:	Osaka										
State/Country:	JAPAN										
Postal Code:	545-8522										
<table border="1"> <tr> <td>Name:</td> <td>Fuence Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>207 Wako RIKEN Incubation Plaza, 2-3-13, Minami, Wako-shi</td> </tr> <tr> <td>City:</td> <td>Saitama</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>351-0104</td> </tr> </table>		Name:	Fuence Co., Ltd.	Street Address:	207 Wako RIKEN Incubation Plaza, 2-3-13, Minami, Wako-shi	City:	Saitama	State/Country:	JAPAN	Postal Code:	351-0104
Name:	Fuence Co., Ltd.										
Street Address:	207 Wako RIKEN Incubation Plaza, 2-3-13, Minami, Wako-shi										
City:	Saitama										
State/Country:	JAPAN										
Postal Code:	351-0104										
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>13381349</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13381349						
Property Type	Number										
Application Number:	13381349										
CORRESPONDENCE DATA											
Fax Number:	(415)268-7522										
Phone:	(415) 268-6373										
Email:	ckokka@mofa.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	Peter J. Yim										

CH \$40.00 13381349

Address Line 1: 425 Market Street  
Address Line 2: Morrison & Foerster LLP  
Address Line 4: San Francisco, CALIFORNIA 94105

ATTORNEY DOCKET NUMBER:	699322001700
-------------------------	--------------

NAME OF SUBMITTER:	Peter J. Yim
--------------------	--------------

Total Attachments: 4 source=Assignment_69932-2001700#page1.tif source=Assignment_69932-2001700#page2.tif source=Assignment_69932-2001700#page3.tif source=Assignment_69932-2001700#page4.tif
--

**MORRISON & FOERSTER LLP**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assigns, transfers and sets over to:

**SHARP KABUSHIKI KAISHA**  
22-22, Nagaike-cho, Abeno-ku  
Osaka-shi, Osaka 545-8522 Japan

and

**Fuence Co., Ltd.**  
207 Wako RIKEN Incubation Plaza, 2-3-13,  
Minami, Wako-shi, Saitama 351-0104, Japan

(hereinafter designated as the "ASSIGNEE"), its successors and assigns, the entire right, title, and interest for the United States in the invention, and all applications for patent and any Letters Patent which may be granted therefore, including said application, and all United States Letters Patent which may be granted thereof, and all divisions, reissues, continuations and extensions thereof, the said interest being the entire ownership of said Letters Patent when granted to be held by said ASSIGNEE, its successors, assigns or their legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been and enjoyed by Assignor(s) if this assignment had not been made, the application being known by the title:

**ORGANIC EL ELEMENT, METHOD FOR MANUFACTURING THE SAME, AND ORGANIC EL DISPLAY DEVICE**

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

for which the undersigned has/have executed an application for patent in the United States of America on the same day herewith. Where this instrument is not filed concurrently with the application, the following identifying information may be added after execution:

Serial No.: \_\_\_\_\_ Filing Date: \_\_\_\_\_

1. The undersigned hereby agree(s) to sign and execute any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extension of interference proceedings, or otherwise to secure the title thereto to the ASSIGNEE.

2. The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property of similar agreements.

3. The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the ASSIGNEE.

4. The undersigned hereby authorize(s) and request(s) the Commissioner of Patents in the United States to issue any and all Letters Patent resulting from said application or any division or divisions or continuing applications thereof to the said ASSIGNEE.

5. The undersigned hereby grant(s) to the firm of Morrison & Foerster LLP the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREBY, executed by the undersigned on the date(s) opposite the undersigned name(s).

December 16, 2011  
Date

Hideki Uchida  
Name: Hideki UCHIDA

December 16, 2011  
Date

Emi YAMAMOTO  
Name: Emi YAMAMOTO

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name: Kazuya NITTA

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name: Yasumasa NAKAMURA

**MORRISON & FOERSTER LLP**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assigns, transfers and sets over to:

**SHARP KABUSHIKI KAISHA**  
22-22, Nagaike-cho, Abeno-ku  
Osaka-shi, Osaka 545-8522 Japan

and

**Fuence Co., Ltd.**  
207 Wako RIKEN Incubation Plaza, 2-3-13,  
Minami, Wako-shi, Saitama 351-0104, Japan

(hereinafter designated as the "ASSIGNEE"), its successors and assigns, the entire right, title, and interest for the United States in the invention, and all applications for patent and any Letters Patent which may be granted therefore, including said application, and all United States Letters Patent which may be granted thereof, and all divisions, reissues, continuations and extensions thereof, the said interest being the entire ownership of said Letters Patent when granted to be held by said ASSIGNEE, its successors, assigns or their legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been and enjoyed by Assignor(s) if this assignment had not been made, the application being known by the title:

**ORGANIC EL ELEMENT, METHOD FOR MANUFACTURING THE SAME, AND ORGANIC EL DISPLAY DEVICE**

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

for which the undersigned has/have executed an application for patent in the United States of America on the same day herewith. Where this instrument is not filed concurrently with the application, the following identifying information may be added after execution:

Serial No.: \_\_\_\_\_ Filing Date: \_\_\_\_\_

1. The undersigned hereby agree(s) to sign and execute any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extension of interference proceedings, or otherwise to secure the title thereto to the ASSIGNEE.

2. The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property of similar agreements.

3. The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the ASSIGNEE.

4. The undersigned hereby authorize(s) and request(s) the Commissioner of Patents in the United States to issue any and all Letters Patent resulting from said application or any division or divisions or continuing applications thereof to the said ASSIGNEE.

5. The undersigned hereby grant(s) to the firm of Morrison & Foerster LLP the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREBY, executed by the undersigned on the date(s) opposite the undersigned name(s).

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name: Hideki UCHIDA

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name: Emi YAMAMOTO

December 20, 2011  
Date

新田 和也  
Name: Kazuya NITTA

December 20, 2011  
Date

中村 泰昌  
Name: Yasumasa NAKAMURA