

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>Hidenori OGATA</td> <td>12/15/2011</td> </tr> <tr> <td>Yoshimasa FUJITA</td> <td>12/15/2011</td> </tr> <tr> <td>Mitsuhiro KODEN</td> <td>12/15/2011</td> </tr> </tbody> </table>	Name	Execution Date	Hidenori OGATA	12/15/2011	Yoshimasa FUJITA	12/15/2011	Mitsuhiro KODEN	12/15/2011	
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Hidenori OGATA	12/15/2011								
Yoshimasa FUJITA	12/15/2011								
Mitsuhiro KODEN	12/15/2011								
RECEIVING PARTY DATA									
Name:	SHARP KABUSHIKI KAISHA								
Street Address:	22-22, Nagaike-cho, Abeno-ku								
City:	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>13387332</td> </tr> </tbody> </table>	Property Type	Number	Application Number:	13387332					
Property Type	Number								
Application Number:	13387332								
CORRESPONDENCE DATA									
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
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NAME OF SUBMITTER:	Boyoung Yeum								
Total Attachments: 2 source=699322002000#page1.tif source=699322002000#page2.tif									

CH \$40.00 13387332

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

(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 ELEMENT AND ORGANIC DEVICE INCLUDING THE SAME]

Attorney Docket No.: 699322002000

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.: 13/387,332

Filing Date: January 26, 2012

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 15, 2011

Date

December 15, 2011

Date

December 15, 2011

Date

尾方 秀謙

Name: Hidenori OGATA

藤田 悦昌

Name: Yoshimasa FUJITA

向 殿 充 浩

Name: Mitsuhiro KODEN