

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yuko MATSUHISA</td> <td>09/29/2011</td> </tr> <tr> <td>Takao MIYAI</td> <td>10/05/2011</td> </tr> <tr> <td>Hiroyuki SASAKI</td> <td>10/05/2011</td> </tr> <tr> <td>Koki FUJIHARA</td> <td>09/21/2011</td> </tr> <tr> <td>Takeo SHIRAI</td> <td>10/03/2011</td> </tr> <tr> <td>Shingo HOUZUMI</td> <td>09/30/2011</td> </tr> </tbody> </table>		Name	Execution Date	Yuko MATSUHISA	09/29/2011	Takao MIYAI	10/05/2011	Hiroyuki SASAKI	10/05/2011	Koki FUJIHARA	09/21/2011	Takeo SHIRAI	10/03/2011	Shingo HOUZUMI	09/30/2011
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Panasonic Electric Works Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>1048, Oaza-Kadoma,</td> </tr> <tr> <td>City:</td> <td>Kadoma-shi, Osaka</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>571-8686</td> </tr> </table>		Name:	Panasonic Electric Works Co., Ltd.	Street Address:	1048, Oaza-Kadoma,	City:	Kadoma-shi, Osaka	State/Country:	JAPAN	Postal Code:	571-8686				
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CORRESPONDENCE DATA															
Fax Number: (202)478-2237 Phone: 202-828-1008 Email: info@motslaw.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: MOTS LAW, PLLC Address Line 1: 1629 K STREET N.W. Address Line 2: SUITE 200 Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20006-1635															
ATTORNEY DOCKET NUMBER:	PEW.051.0089.DE														

OP \$40.00 29401098

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PATENT
 REEL: 027067 FRAME: 0370

NAME OF SUBMITTER:

Marvin A. Motsenbocker

Total Attachments: 2

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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

Name and address of assignee:

Panasonic Electric Works Co., Ltd.

1048, Oaza-Kadoma, Kadoma-shi, Osaka, 571-8686, Japan

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to the invention relating to

Title of invention:

ELECTROLUMINESCENCE MODULE
as set forth in the United States Patent Application

check one

☐ executed concurrently herewith

☐ executed on _____

× Serial No. 29/401,098 Filed September 7, 2011

in and to said United States Patent Application including any and all divisions, continuations, or continuations-in-part thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent on may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Director of U.S. Patent and Trademark Office to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument and conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any

papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions, continuations and continuations-in-part thereof and to any and all Letters Patent which may be granted therefore or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the attorneys and the agents of Mots Law, PLLC the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the United States Patent and Trademark office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS		
Name: Yuko MATSUHISA	Signature: <i>Yuko Matsuhisa</i>	Date: 9/29/2011
Name: Takao MIYAI	Signature: <i>Takao Miyai</i>	Date: 10/5/2011
Name: Hiroyuki SASAKI	Signature: <i>Hiroyuki Sasaki</i>	Date: 10/5/2011
Name: Koki FUJIHARA	Signature: <i>Koki Fujihara</i>	Date: 9/21/2011
Name: Takeo SHIRAI	Signature: <i>Takeo Shirai</i>	Date: 10/3/2011
Name: Shingo HOUZUMI	Signature: <i>Shingo Houzumi</i>	Date: 9/30/2011
NAMES AND SIGNATURES OF WITNESSES (Optional)		
Name:	Signature:	Date:
Name:	Signature:	Date:
Name:	Signature:	Date:
Name:	Signature:	Date:
Name:	Signature:	Date:

Note: *Prima facie* evidence of execution optionally may be obtained by execution of this document before a United States Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a United States Consul.