

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>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yoshikazu HIGASHI</td> <td>02/19/2009</td> </tr> <tr> <td>Satoshi ABE</td> <td>02/19/2009</td> </tr> </tbody> </table>		Name	Execution Date	Yoshikazu HIGASHI	02/19/2009	Satoshi ABE	02/19/2009
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Yoshikazu HIGASHI	02/19/2009						
Satoshi ABE	02/19/2009						
RECEIVING PARTY DATA							
Name:	Panasonic Electric Works Co., Ltd.						
Street Address:	1048, Oaza-Kadoma, Kadoma-shi,						
City:	Osaka						
State/Country:	JAPAN						
PROPERTY NUMBERS Total: 1							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12440675</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12440675		
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Application Number:	12440675						
CORRESPONDENCE DATA							
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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NAME OF SUBMITTER:	Daniel B. Moon						
Total Attachments: 2 source=P36233_Assn#page1.tif source=P36233_Assn#page2.tif							

OP \$40.00 12440675

ASSIGNMENT

WHEREAS, * Yoshikazu HIGASHI *, a citizen of
 * Japan *, whose post office address is * c/o Panasonic
Electric Works Co., Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka Japan *, and
 * Satoshi ABE *, a citizen of
 * Japan *, whose post office address is * c/o Panasonic
Electric Works Co., Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka Japan *,

hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

* MANUFACTURING METHOD OF THREE-DIMENSIONALLY SHAPED OBJECT *

for which they have jointly executed an application for Letters Patent of the United States to be filed in the United States Patent and Trademark Office, which Application is a National Stage of International Application No. * PCT/JP2008/69211 .*

If this Assignment is filed after the filing date of the above-identified application, the undersigned hereby authorize and request any one of the attorneys of record in this application including Neil F. Greenblum, Reg. No. 28,394, Bruce H. Bernstein, Reg. No. 29,027, Arnold Turk, Reg. No. 33,094, James L. Rowland, Reg. No. 32,674, Stephen M. Roylance, Reg. No. 31,296, Leslie J. Paperner, Reg. No. 33,329, William Pieprz, Reg. No. 33,630, and William E. Lyddane, Reg. No. 41,568, of the firm Greenblum & Bernstein, P.L.C., whose address is 1941 Roland Clarke Place, Reston, Virginia 20191, to insert here in parenthesis (Application No. _____, filed _____) the filing date and application number of said application when known.

AND WHEREAS, * Panasonic Electric Works Co., Ltd. *, a corporation organized and existing under the laws of the State of * Japan *, whose post-office address is * 1048, Oaza-Kadoma, Kadoma-shi, Osaka, Japan *, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise

and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNORS, on the respective date(s) indicated below.

Witnessed by:

_____ Date

Yoshikazu Higashi
NAME Yoshikazu HIGASHI

19/2/2009
Date

_____ Date

Witnessed by:

_____ Date

Satoshi Abe
NAME Satoshi ABE

19/2/2009
Date

_____ Date