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U.S. Department of Commerce Patent and Trademark Office

FORM COVER SHEET  
ITS ONLY

To the Commissioner for Patents. Please record the attached original documents or copies thereof.

1. Name of Conveying Party(ies):

Yoshikazu HIGASHI  
Masataka TAKENAMI  
Satoshi ABE  
Isao FUWA  
Norio YOSHIDA

2. Name and Address of Receiving Party(ies):

Name: **Panasonic Electric Works Co., Ltd.**  
Street Address: 1048, Oaza-Kadoma, Kadoma-shi

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other:

City, State, Zip: Osaka, Japan

Execution Date: July 30, 2009; July 29, 2009; July 29, 2009; July 29, 2009; July 29, 2009

☐ Additional name(s) and address(es) attached.

4. (A) Patent Application Number(s):

12 461 589

4. (B) Patent Number(s):

If this document is being filed together with a new application, the execution date of the application is:

July 30, 2009;  
July 29, 2009;  
July 29, 2009;  
July 29, 2009;  
July 29, 2009

☐ Additional Numbers Attached.

Title: METHOD AND APPARATUS FOR PRODUCING A THREE-Dimensionally SHAPED OBJECT, AND THREE-Dimensionally SHAPED OBJECT

Attorney Docket No.: HIGA3003/EM

5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed:

Name: Eugene Mar

23364  
CUSTOMER NUMBER

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Total Number of Applications and Patents Involved:

1

7. Total Fee:  
(37 CFR 3.41)

\$40.00

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

8. Deposit Account Number: 02-0200

9. Statement and Signature:

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

Eugene Mar

Name of Person Signing

Signature

August 18, 2009

Date

Total number of pages including cover sheet, attachments and document: 4

EM/bh

08/19/2009 LAGUY:EM 00000020 12461599

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PATENT  
REEL: 023139 FRAME: 0681

## ASSIGNMENT

WHEREAS, I (we), **Yoshikazu HIGASHI, Masataka TAKENAMI, Satoshi ABE, Isao FUWA and Norio YOSHIDA** whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, is(are) the owner of certain new and useful improvements in **METHOD AND APPARATUS FOR PRODUCING A THREE-Dimensionally SHAPED OBJECT, AND THREE-Dimensionally SHAPED OBJECT**

(hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

☒ executed on even date herewith

☐ executed on:

☐ filed on:

Serial No.:

☐ established by PCT International Patent Application No.:

filed:

designating the United States of America

WHEREAS, **Panasonic Electric Works Co., Ltd.**

whose post office address is **1048, Oaza-Kadoma, Kadoma-shi, Osaka, Japan** hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the INVENTION that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes any member of the firm of Bacon & Thomas to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

## ASSIGNMENT

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Assignor Name	Yoshikazu HIGASHI	Address	Moriyama-shi, Japan
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Print/Type Name	Print/Type Name
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