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05-13-2005



To the Director of the U.S. Patent and Trademark Office

103002573

Documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

- a. Takahito ISHII,
- b. Keiko YASUI,
- c. Seishi TERAKADO,
- d. Kazuyuki KOHARA
- e. Mitsuru YONEYAMA

Execution Date(s) **November 18, 2004**

Additional name(s) of conveying party(ies) attached?  YES  NO

3. Nature of Conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Correction of Assignment Recordation (previously recorded at Reel \_\_\_\_\_, Frame \_\_\_\_\_).
- Other

2. Name and address of receiving party(ies):

Name: **Matsushita Electric Industrial Co., Ltd.**

Internal Address: \_\_\_\_\_

Street Address: **1006 Oaza Kadoma-shi.**

City: **Osaka**

State: \_\_\_\_\_

Zip: **571-8501**

Country: **Japan.**

Additional name(s) & address(es) attached?  YES  NO

4. Application or patent number(s):  This document is being filed together with a new application.

A. Patent Application Number(s) \_\_\_\_\_

B. Patent Number(s) \_\_\_\_\_

Additional number(s) attached?  YES  NO

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Lawrence E. Ashery**  
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ZIP: **19482-0980**

OR

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City: **Wilmington** State: **DE**  
ZIP: **19899**

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41): **\$ 40.00**

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card - Last 4 Numbers **1006**  
Expiration Date **03/06**

b. Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

9. Signature:

Signature

**December 7, 2004**

Date

**Lawrence E. Ashery**  
Name of Person Signing

**34,515**  
Registration Number

Total number of pages including cover sheet, attachments and documents: **3**

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(40.00 DP)

No legalization required

**ASSIGNMENT**

WHEREAS, the ASSIGNOR, comprising the following named inventor(s)

Inventor(s)

ASSIGNOR(s)/  
INVENTOR(s)

- |                     |                    |
|---------------------|--------------------|
| 1. Takahito ISHII   | 2. Keiko YASUI     |
| 3. Seishi TERAKADO  | 4. Kazuyuki KOHARA |
| 5. Mitsuru YONEYAMA |                    |

has made an invention entitled: FLEXIBLE PTC HEATING ELEMENT AND  
METHOD OF MANUFACTURING THE HEATING ELEMENT

and has executed an application for Letters Patent of the United States concurrently herewith;

ASSIGNEE  
(Full Name  
and address)

WHEREAS, the ASSIGNEE  
Matsushita Electric Industrial Co., Ltd.

1006, Oaza Kadoma, Kadoma-shi, Osaka, 571-8501 Japan

is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor,

NOW, THEREFORE, in consideration of the payment by ASSIGNEE to ASSIGNOR of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR, intending to be legally bound, hereby sells, assigns and transfers to ASSIGNEE, its successors and assigns the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions and continuations thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.

ASSIGNOR hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

ASSIGNOR agrees it shall be legally bound, upon request of the ASSIGNEE or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the ASSIGNOR has knowledge or

possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the ASSIGNEE, and to execute all instruments proper to carry out the intent of this instrument.

If the invention requires a biological deposit, ASSIGNOR also grants to ASSIGNEE such control over any deposit made by ASSIGNOR as may be necessary to the validity of the patent rights assigned herein.

ASSIGNOR authorizes ASSIGNOR's attorney to insert at the end hereof the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney docket or file designation for this application.

If the ASSIGNOR includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

IN WITNESS WHEREOF, this Assignment is executed on the day indicated below.

(Typed or Printed Name)	(Signature)	(Date)
SIGNATURE 1. Takahito ISHII	<u>Takahito Ishii</u>	<u>November 18, 2004</u>
2. Keiko YASUI	<u>Keiko Yasui</u>	<u>November 18, 2004</u>
3. Seishi TERAKADO	<u>Seishi Terakado</u>	<u>November 18, 2004</u>
4. Kazuyuki KOHARA	<u>Kazuyuki Kohara</u>	<u>November 18, 2004</u>
5. Mitsuru YONEYAMA	<u>M Yoneyama</u>	<u>November 18, 2004</u>

International Application No. PCT/JP2003/007600 Filed: June 16, 2003

Application for United States Letters Patent

Serial No. \_\_\_\_\_ Filed \_\_\_\_\_,

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