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FORM PTO-1595  
(Rev. 10/02)

RECORDATION FORM C

102983071

DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Docket No.: 50395-307

**PATENTS ONLY**

To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto:

1. Name of Conveying Party(ies):  
Masuhiro NATSUHARA, Hirohiko NAKATA and Kenji SHINMA

2. Name and address of receiving party(ies):  
Name: Sumitomo Electric Industries, Ltd.  
Address: 5-33, Kitahama 4-chome, Chuo-ku,  
Osaka-shi, Osaka 541-0041 JAPAN

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of Conveyance:  
☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other  
Execution Date: March 25, 2005

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):  
If the document is being filed together with a new application, the execution date of the application is:  
A. Patent Application No(s).  
10/987,292, filed November 15, 2004

B. Patent No(s).

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: MCDERMOTT WILL & EMERY LLP  
Internal Address:  
Street Address: 600 13th Street, N.W.  
City: Washington State: D. C. Zip: 20005-3096

6. 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:  
500417

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

Arthur J. Steiner, Registration No. 26,106

April 13, 2005

Name and Registration No. of Person Signing

Signature

Date

Total number of pages including cover sheet: 2

OMB No. 0651-0027 (exp. 6/30/2005)

04/15/2005 DBYRNE 00000200 500417 10987292

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Docket No.:

**ASSIGNMENT**

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- |                        |     |
|------------------------|-----|
| (1) Masuhiro NATSUHARA | (4) |
| (2) Hirohiko NAKATA    | (5) |
| (3) Kenji SHINMA       | (6) |

who have made a certain new and useful invention, hereby sell, assign and transfer unto

Sumitomo Electric Industries, Ltd. of 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka, 541-0041 Japan

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

**HEATER AND HEATING DEVICE**

(a) for which an application for United States Letters Patent was filed on November 15, 2004, and identified by United States Serial No. 10/987292; or

(b) for which an application for United States Letters Patent was executed on \_\_\_\_\_,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in an to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dated indicated aside our signatures:

INVENTORS

DATE SIGNED

1) Masuhiro Natsuhara

Name: Masuhiro NATSUHARA

March, 25, 2005

2) Hirohiko Nakata

Name: Hirohiko NAKATA

March 25, 2005 H.N.

~~March 25, 2005~~

3) Kenji Shinma

Name: Kenji SHINMA

March, 25, 2005

4)

Name:

5)

Name:

6)

Name: