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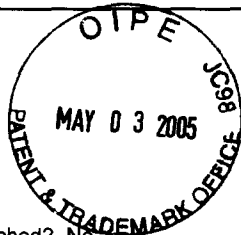
U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

102996773

To the Honorable Assistant Secretary and Commissioner of Patents and Trademarks: Please record the attached original document(s) copy(ies) thereof.

1. Name of conveying party(ies):

(A) Nobuaki NOGUCHI
(B) Yasushi UEDA
(C) Toru AOKI
(D) Makoto OKAZAKI



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

3. Nature of conveyance:

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

Execution Date: (A) April 14, 2005; (B) April 15, 2005; (C)
April 14, 2005 and (D) April 15, 2005

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

Name: Matsushita Electric Industrial Co., Ltd.

Street Address: 1006, Oaza Kadoma, Kadoma-shi, Osaka
571-8501 Japan

Additional name(s) & address(es) attached? No

4. Application number(s) or patent number(s):

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

Patent Application No.(s)
11/076,230, filed March 10, 2005

B. Patent No.(s)
, issued

Additional numbers attached? No

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

Name: WENDEROTH, LIND & PONACK, L.L.P.
Attn: Jeffrey R. Filipek, Esq.

Street Address: 2033 K Street, N.W., Suite 800City: Washington, State: DC ZIP: 20006-10216. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41). \$40.00

☒ Enclosed (Check No. 68037)
Authorized to be charged to deposit account

8. Deposit account number: 23-0975

(Attach duplicate copy of this page if paying by deposit account)

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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.

Jeffrey R. Filipek, Reg. No. 41,471
Name of Person Signing

May 3, 2005
Date

Total number of pages including cover sheet: 3

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THE COMMISSIONER IS AUTHORIZED
TO CHARGE ANY OF THE FOLLOWING
FEES FOR THE PATENT DEPOSIT
ACCOUNT: 11/076,230

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Nobuaki NOGUCHI

Yasushi UEDA

Insert Name(s)
of Inventor(s)

Toru AOKI

Makoto OKAZAKI

the undersigned hereby sell(s) and assign(s) to

Insert Name(s)
of Assignee(s)

Matsushita Electric Industrial Co., Ltd.

Address

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

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as

TEMPERATURE CONTROL APPARATUS

Title of
Invention

for which an application for patent in the United States has been executed by the undersigned on

Date of Signing
Application

April 14 and 15, 2005

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, DC 20006, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date April 14, 2005, Name of Inventor Nobuaki Noguchi
Date April 15, 2005, Name of Inventor Yasushi Ueda
Date April 14, 2005, Name of Inventor Tom Aoki
Date April 15, 2005, Name of Inventor Makoto Ohazaki
Date _____, Name of Inventor _____
Date _____, Name of Inventor _____

(This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.)

Witness Shinichi Takarada
Witness Takao Grove

ACKNOWLEDGMENT

_____ } ss

This _____ day of _____, 19_____, before me
personally came the above-named _____

to me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth.

SEAL

Official Signature

Official Title

The above application may be more particularly identified as follows:

U.S. Application Serial No. 11/760,230 Filing Date March 10, 2005
Applicant Reference No. P-37612-01 Atty. Docket No. 2005-0410A
Title of Invention TEMPERATURE CONTROL APPARATUS

