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U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office



103321776

EET

10/594602

9-28-06

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

Shuji IKEGAMI (4/28/2005) and Hirohiko MATSUSHITA (4/28/2005)

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

2. Name and address of receiving party(ies)

Name: DAIKIN INDUSTRIES, LTD.

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

Street Address: \_\_\_\_\_

Umeda Center Bldg.  
4-12, Nakazaki-nishi 2-chome, Kita-ku  
Osaka-shi, Osaka  
530-8323  
JAPAN

City: \_\_\_\_\_

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

Country: \_\_\_\_\_ Zip: \_\_\_\_\_

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s): in parentheses after inventor name

Assignment  Merger  Change of Name

Security Agreement  Joint Research Agreement

Government Interest Assignment

Executive Order 9424, Confirmatory License

Other \_\_\_\_\_

4. Application or patent number(s):

A. Patent Application No.(s)  
NEW

This document is being filed together with a new application.

B. Patent No.(s)

10/594602

Additional numbers attached?  Yes  No

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

Name: D. Richard Anderson  
BIRCH, STEWART, KOLASCH & BIRCH, LLP

Internal Address: Atty. Dkt.: 4633-0184PUS1

Street Address: 8110 Gatehouse Road  
Suite 100 East  
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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 \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number \_\_\_\_\_  
Authorized User Name \_\_\_\_\_

9. Signature:

Signature

September 28, 2006

Date

D. Richard Anderson - 40,439

Name of Person Signing

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

3

10/05/2006 GFREY1 00000049 10594602

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40.00 OP

**ASSIGNMENT**

WHEREAS, Shuji IKEGAMI, Hirohiko MATSUSHITA  
(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements  
in HEAT EXCHANGER

\_\_\_\_\_ for which the undersigned has (have):

- (a) filed an application for Letters Patent of the United States of America on  
September 28, 2006 having Serial No. NEW; or
- (b) executed an application for Letters Patent of the United States of America on the date(s)  
indicated below; and

WHEREAS, DAIKIN INDUSTRIES, LTD. of  
Umeda Center Bldg., 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323, Japan  
its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is  
desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters  
Patent(s) that may be granted therefor in the United States of America;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the undersigned in  
hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the  
undersigned has (have) sold, assigned and transferred, and by these presents do sell, assign and transfer  
unto the Assignee the full and exclusive right to the said invention in the United States of America and  
its territories and for all foreign countries, dependencies and possessions and the entire right, title and  
interest in and to the application and any and all Letters Patent(s) which may be granted therefor in the  
United States of America and its territories, dependencies and possessions, and in and to any and all  
divisions, reissues, continuations and extensions thereof for the full term or terms for which the same  
may be granted.

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 any continuation, division or reissue thereof or  
Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way  
possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which  
may be necessary in connection with claims under or provisions of the International Convention for the  
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(s) to the Assignee and to vest all rights therein hereby conveyed to the Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the 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.

This Assignment has been executed by the undersigned on the date(s) indicated.

Date: April 28, 2005, Shuji IKEGAMI  
**Shuji IKEGAMI**

Date: April 28, 2005, Hirohiko MATSUSHITA  
**Hirohiko MATSUSHITA**

Date: \_\_\_\_\_, \_\_\_\_\_

Date: \_\_\_\_\_, \_\_\_\_\_

Date: \_\_\_\_\_, \_\_\_\_\_

Date: \_\_\_\_\_, \_\_\_\_\_

Date: \_\_\_\_\_, \_\_\_\_\_

Date: \_\_\_\_\_, \_\_\_\_\_