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IAP13 Rec'd PCT/PTO 29 MAR 2007

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ON FORM COVER SHEET

ENTS ONLY

Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

Eiji KUMAKURA (12/8/2005), Masakazu OKAMOTO (12/8/2005), Tetsuya OKAMOTO (12/8/2005), and Katsumi SAKITANI (12/8/2005)

Additional name(s) of conveying party(ies) 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

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

4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

NEW

B. Patent No.(s)

11/664302

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.: 4633-0208PUS1

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Suite 100 East
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Phone Number: (703) 205-8035

Fax Number: (703) 205-8050

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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

March 29, 2007

Date

D. Richard Anderson - 40,439

Name of Person Signing

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

3

40.00

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Attorney Docket No. 4633-0208PUS1

ASSIGNMENT

WHEREAS, Eiji KUMAKURA, Masakazu OKAMOTO, Tetsuya OKAMOTO,
Katsumi SAKITANI (hereinafter designated as the undersigned) has (have)
invented certain new and useful improvements in POSITIVE DISPLACEMENT EXPANDER

for which the undersigned has (have):

- (a) filed an application for Letters Patent of the United States of America on
March 29, 2007 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 December 8, 2005

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: December 8, 2005, Eiji Kumakura
Eiji KUMAKURA

Date: December 8, 2005, Masakazu Okamoto
Masakazu OKAMOTO

Date: December 8, 2005, Tetsuya Okamoto
Tetsuya OKAMOTO

Date: December 8, 2005, Katsumi Sakitani
Katsumi SAKITANI

Date: _____, _____

Date: _____, _____

Date: _____, _____

Date: _____, _____