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U.S. DEPARTMENT OF COMMERCE
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Attorney Docket No. 500.43044CX1

To the Director of the U.S. Patent and

103184413

transmitted documents or the new address(es) below.

1. Name of conveying party(ies):
Mutsunori MATSUNAGA, Kenji Tojo, Yoshitaka Tomita, Susumu
Nakayama and Syunsuke Yasunori

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

Hitachi Air Conditioning Systems Co., Ltd.

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

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

Execution Date(s) 10/15/05, 10/18/05, 10/19/05, 10/18/05 and
10/19/05

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

Street Address:

16-1, Kaigan 1-chome, Minato-ku, Tokyo, Japan

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

4. Application or patent numbers(s):



This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent Registration No.(s)

11/128,350

Additional number(s) attached ☐ Yes ☒ No

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

Name: **ANTONELLI, TERRY, STOUT & KRAUS, LLP**

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1300 NORTH 17TH STREET - SUITE 1800

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6. Total number of applications and patents involved **1**

7. Total fee (37 CFR 3.41)..... **\$40**

- ☒ 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 06/06

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February 21, 2006

Date

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

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ASSIGNMENT

(讓渡証)

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W 1182-09

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by Hitachi Air Conditioning Systems Co., Ltd., a corporation organized under the laws of Japan, located at 16-1, Kaigan 1-chome, Minato-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi Air Conditioning Systems Co., Ltd., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

"APPARATUS FOR DRIVING A COMPRESSOR AND A REFRIGERATING AIR CONDITIONER"

filed May 13, 2005

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said Hitachi Air Conditioning Systems Co., Ltd., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Hitachi Air Conditioning Systems Co., Ltd.

Signed on the date(s) indicated aside signatures:

INVENTOR(S)
(発明者フルネームサイン)

Date Signed
(署名日)

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6)	_____	_____
7)	_____	_____
8)	_____	_____
9)	_____	_____
10)	_____	_____

PATENT

RECORDED: 02/21/2006

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