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

102891459

Attorney Docket No. 500.42827X00

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

11-23-04

1. Name of conveying party(ies): YAMANASHI, YOSHIYUKIE SATOU, KEIJI OZAKI, MASAMI MOCHIZUKI, MASAMICHI SUGIYAMA, TATSUYA BUNKOU, NORIYUKI

2. Name and address of receiving party(ies) Name: HITACHI AIR CONDITIONING SYSTEMS CO., LTD. Internal Address:

3. Nature of conveyance: [X] Assignment [ ] Merger [ ] Security Agreement [ ] Change of Name [ ] Other . Execution Date(s): September 11, 2003; September 12, 2003; September 15, 2003; September 16, 2003; November 5, 2003

Street Address: 23-2, Kanda Sudacho 1-chome, Chiyoda-Ku Tokyo, Japan City: State: Zip: Additional name(s) & address(es) attached? [ ] Yes [X] 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: A. Patent Application No.(s) 10/601,630, filed 6/24/2003

B. Patent Registration No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed: Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP Internal Address: 1300 NORTH 17TH STREET - SUITE 1800 City: ARLINGTON State: VA Zip 22209

6. Total number of applications and patents involved 7. Total fee (37 CFR 3.41)..... \$40.00 [X] Enclosed [X] Authorized to be charged to deposit account 8. Deposit account number: 01-2135 (Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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. HUNG H. BUI, Reg#40,415 Signature Date 11/23/04

Total number of pages including cover sheet, attachments, and document: Mail documents to be recorded with required cover sheet information to: Commissioner of Patent & Trademarks, Box Assignments Washington, D.C. 20231

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FD:8021 40.00 DP

PATENT REEL: 016015 FRAME: 0667

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ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, as a below named inventor, I hereby sell and assign to Hitachi Air Conditioning Systems Co., Ltd.

of 23-2, Kanda Sudacho 1-chome, Chiyoda-ku, Tokyo, Japan its successors and assigns or other legal representatives all my rights, title and interest, in and for the United States of America, in and to

Air Conditioning System

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for a United States Letters Patent therefore, Serial No. 10/601,630, filed June 24, 2003, executed by me 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 the 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.

(Full Name) (Signature)  
Date 9/11/03 Inventor Yoshiyukie YAMANASHI Yoshiyukie Yamanashi  
Residence Shizuoka-shi, Japan Citizenship Japan  
Post Office Address c/o Shimizu Works, Hitachi Air Conditioning Systems Co., Ltd., 390, Shimizumuramatsu, Shizuoka-shi, Shizuoka-ken 424-0926, Japan

Date 9/12/03 Inventor Keiji SATOU Keiji Satou  
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Date 11/5/03 Inventor Masami OZAKI Masami Ozaki  
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Date 9/12/03 Inventor Masamichi MOCHIZUKI Masamichi Mochizuki  
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(Full Name)

(Signature)

Date 9/15/03 Inventor Tatsuya SUGIYAMA Tatsuya Sugiyama

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Date 9/16/03 Inventor Noriyuki BUNKOU Noriyuki Bunkou

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Date \_\_\_\_\_ Inventor \_\_\_\_\_

Residence \_\_\_\_\_ Citizenship \_\_\_\_\_

Post Office Address \_\_\_\_\_

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## Trust Agreement

Date: September 16, 2003

This Trust Agreement is entered by and between the Trustor and the Trustee concerning the right to receive any patent(s) on the invention entitled "Air Conditioning System" issuing from United States Patent Application Serial No. 10/601,630, filed on June 24, 2003, and any divisions, continuations, or reissues thereof in accordance with the following terms of trust (hereinafter "the patent(s)").

1. The Trustor hereby assigns to the Trustee the right to receive the patent(s) for the above-mentioned inventions for the purpose of entrusting to the Trustee the management and disposal of the trust property on behalf of the Beneficiary, and the Trustee hereby accepts such assignment.
  
2. The Beneficiary of this trust shall be as follows:  
Address: 23-2, Kanda Sudacho 1-chome, Chiyoda-ku, Tokyo  
101-0041, Japan  
Name: HITACHI AIR CONDITIONING SYSTEMS CO., LTD.  
President and director, Yoshihiko NAKAYAMA
  
3. Purpose of trust  
To maintain, manage and dispose of the right owned by the Trustor to receive the patent(s) for the above-mentioned invention.
  
4. Method for management of trust property  
Any and all acts necessary for maintenance, management and disposal of the right to receive the patent(s) for the above-mentioned invention.
  
5. Reason for terminal of the trust  
This Trust Agreement shall continue in effect for a period of full one year from the date of execution hereof.

This Trust Agreement shall also continue in effect for further one year under the same terms and conditions unless either of the Trustor or the Trustee shall notify the other party to the contrary not later than 30 days before expiration hereof, and the same shall apply to subsequent expiration.

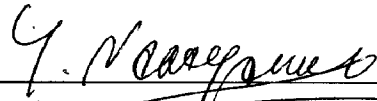
6. Other terms of trust

- (1) The Trustor shall pay to the Trustee necessary expenses for accomplishment of the above-mentioned purpose during the period of trust.
- (2) The Beneficiary shall be entitled to receive all earnings from exercise or otherwise disposal of the right to the patent(s) in trust.
- (3) The Trustor may give directions to the Trustee as to the method for maintenance, management and disposal of the trust property, and the Trustee may not dispose of the patent(s) in trust against the intention of the Trustor.
- (4) Even during the effective term of this Trust Agreement stipulated in the preceding Article, the Trustor may terminate this Trust Agreement by giving 30 days advance notice in writing to the Trustee, or the Trustee may terminate this Trust Agreement with the Trustor in the event of arising any situation where it becomes extremely difficult for the Trustee to perform its obligations under this Trust Agreement.
- (5) In the event of arising any situation where it becomes extremely difficult for the Trustor or the Trustee to perform its obligations under this Trust Agreement, any of the terms and conditions in this Trust Agreement may be changed through conference between the Trustor and the Trustee.

**Trustor:**

**Name:** HITACHI AIR CONDITIONING SYSTEMS CO., LTD.

**Address:** 23-2, Kanda Sudacho 1-chome, Chiyoda-ku, Tokyo  
101-0041, Japan


  
\_\_\_\_\_  
Yoshihiko NAKAYAMA  
President and director

16 / Sep / 03  
Date

**Trustee:**

**Name:** HITACHI, LTD.

**Address:** 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo  
101-0062, Japan

  
\_\_\_\_\_  
Yasuo SAKUTA, Patent Attorney  
~~Executive Managing Director,~~  
Intellectual Property Group  
(Authorized Signing Officer)

Sept. 30, 2003  
Date  
Executive Officer, Y.S.