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

1. Name of conveying party(ies): Tadashi TAKAI, Masanori TAKAGI, Yukio ITO and Makoto ITO. Additional name(s) of conveying party(ies) attached? [ ] Yes [X] No

9.24.03

2. Name and address of receiving party(ies) Name: Hitachi Air Conditioning Systems Co., Ltd. Address: 23-2, Kanda Sudacho 1-chome Chiyoda-ku, Tokyo 101-0041, JAPAN

3. Nature of conveyance: [X] Assignment [ ] Merger [ ] Security Agreement [ ] Change of Name [ ] Other. Execution Date: 09/05, 12, 16 and 05/ 2003, respectively.

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

4. Application number(s) or patent number(s): Serial No. 09/849,538 filed 7 May 2001 Attorney Docket No. 500.40107X00

B. Patent Registration No.(s) Additional number(s) attached [ ] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Antonelli, Terry, Stout & Kraus, LLP Internal Address: Suite 1800 Street Address: 1300 North Seventeenth Street City: Arlington State: VA Zip: 22209-3801

6. Total number of applications and patents involved 01 7. Total fee (37 CFR 3.41) \$40.00 [X] Enclosed [X] Deficiencies authorized to be charged to Deposit Account 8. Deposit account number: 01-2135 (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 the attached copy is a true copy of the original document.

Paul J. Skwierawski, Reg. No. 32,173 Paul J. Skwierawski 24 September 2003 Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: 02

Mail documents to be recorded with required cover sheet information to: Commissioner of Patent & Trademarks, Box Assignments Washington, D.C. 20231

09/29/2003 KZEWDIE 00000007 09849538 02 FC:8021 40.00 DP

### ASSIGNMENT (讓渡証)

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 23-2, Kanda Sudacho 1-chome, Chiyoda-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

#### Air Conditioner Management System

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, U.S. Serial No. 09/849,538 filed on May 7, 2001, 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)

- |     |   |                 |
|-----|---|-----------------|
| 1)  | <u>Tadashi Takai</u><br>Tadashi TAKAI     | <u>9/5/03</u>   |
| 2)  | <u>Masanori Takagi</u><br>Masanori TAKAGI | <u>9/12/03</u>  |
| 3)  | <u>Yukio ITO</u><br>Yukio ITO             | <u>09/16/03</u> |
| 4)  | <u>Makoto ITOH</u><br>Makoto ITOH         | <u>09/05/03</u> |
| 5)  | _____                                     | _____           |
| 6)  | _____                                     | _____           |
| 7)  | _____                                     | _____           |
| 8)  | _____                                     | _____           |
| 9)  | _____                                     | _____           |
| 10) | _____                                     | _____           |