FORM PTO-1595 1-31-92 DOCKET NO. 0057-2195-3/dml

00000209 08954230

10/28/1999 HTHAI1

01 FC:581

11-02-1999 101189217

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

| To the Honorable Commissioner of Patents and Trademarks. Pleas  | e record the attached original documents or copy thereof.   |  |
|---|---|--|
| 1. Name of conveying party(ies):  | Name and address of receiving party(ies):   |  |
| Yoshihiro SUMIDA, Keisuke HOKAZONO<br>and Tomohiko KASAI  | Name: MITSUBISHI DENKI KABUSHIKI KAISHA   |  |
| Additional name(s) of conveying party(ies) attached?  □ Yes   ■ No  | Address: 2-3, Marunouchi 2-chome, Chiyoda-ku,<br>Tokyo 100 JAPAN  |  |
| 76180   | Additional name(s) & address(es) attached?<br>□ Yes ⊠ No  |  |
| 3. Nature of Conveyance:  | 165 2140  |  |
| □ Assignment     □ Merger     □ Security Agreement □ Change of Name     □ Other   |   |  |
| Execution Date: October 7, 1997   |   |  |
| 4. Application number(s) or patent number(s):   |   |  |
| If this document is being filed together with a new application, the  | e execution date of the application is:N/A  |  |
| A. Patent Application No.(s)  | B. Patent No.(s)  |  |
| 08/954,230  |   |  |
| Additional numbers attached? □ Yes ⊠ No   |   |  |
| 5. Name and address of party to whom correspondence concerning document should be mailed:   | 6. Total number of applications and patents involved:   |  |
| OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. Attorneys at Law Fourth Floor 1755 Jefferson Davis Highway Arlington, Virginia 22202  | 7. Total fee (37 CFR 3.41):\$ 40.00  ⊠ Enclosed □ Authorized to be charged to deposit account  8. Deposit account number: 15-0030   |  |
|   | (Attach duplicate copy of this page if paying by deposit account)   |  |
|   |   |  |
| DO NOT USE T  | 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.  C. Irvin McClelland Name of Person Signing Registration No. 21,124  Total number of pages including cover sheet: 3     |   |  |
| OHD No. 0054 0044 (over 4/04)   |   |  |
| OMB No. 0651-0011 (exp. 4/94)  Do not detach this portion   |   |  |
| Mail documents to be recorded with required cover sheet information to:   |   |  |
| Commissioner of Patents and Trademarks<br>Box Assignments<br>Washington, D.C. 20231   |   |  |
| Public burden reporting for this sample cover sheet is est<br>recorded, including time for reviewing the document and gat<br>sample cover sheet. Send comments regarding this burden<br>Information Systems, PK2-1000C, Washington, D.C. 20231,<br>Reduction Project, (0651-0011), Washington, D.C. 20503 | imated to average about 30 minutes per document to be<br>hering the data needed, and completing and reviewing the<br>estimate to the U.S. Patent and Trademark Office, Office of<br>and to the Office of Management and Budget, Paperwork |  |

PATENT REEL: 010345 FRAME: 0262

|   | WHEREAS, I (WE) Yoshihiro SUMIDA, Keisuke HOKAZONO   |
|---|--|
| NSERT NAMES                                       | and Tomohiko KASAI of Tokyo, Japan   |
| ND RESIDENCE<br>DDRESSES OF<br>HE INVENTORS:      |  |
|   |  |
|   |  |
|   |  |
|   | •  |
|   |  |
|   | í  |
|   |  |
|   |  |
|   |  |
|   |  |
| NSERT TITLE                                       | , respectively   |
| F INVENTION:                                      | have invented certain new and useful improvements in: REFRIGERATING AIR-   |
| CERT DATE IN                                      | CONDITIONING APPARATUS   |
| NSERT DATE IN-<br>ENTORS SIGNED<br>ECLARATION:    | for which an application for Letters Patent was executed on October 7, 1997  |
|   | (Application No. 08/954, 230 , filed October 20, 1997 ), and   |
| ISERT NAME ND ADDRESS OF OMPANY OR THER ASSIGNEE: | WHEREAS, MITSUBISHI DENKI KABUSHIKI KAISHA   |
| THER ASSIGNEE.                                    | (hereinafter referred to as "ASSIGNEE") having a place of business at: 2-3, Marunouchi   |
|   | 2-chome, Chiyoda-ku, TOKYO 100 JAPAN   |
|   | is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and ir any and all foreign countries; |

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

1/95

1

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, 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 by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

| Date:  | October 7, 1997 | Joshihiro Sumi da                        |
|--------|-----------------|--|
|        |                 | (Signature of Inventor) Yoshihiro SUMIDA |
| Date:  | October 7, 1997 | Keisulse, Hotragona                      |
|        |                 | (Signature of Inventor) Keisuke HOKAZONO |
| Date:  | October 7, 1997 | Signature of Inventori Tomohiko KASAI    |
|        |                 | (Signature of Inventor) Tomohiko KASAI   |
| Date:_ |                 | (Signature of Inventor)                  |
|        |                 | (5)                                      |
| Date:  |                 | (Signature of Inventor)                  |
|        |                 | ( <b>3)</b>                              |
| Date:  | 46.484          | (Signature of Inventor)                  |
|        |                 | (Signature of Inventor)                  |
| Date:  |                 |  |
|        |                 | (Signature of Inventor)                  |
| Date:  |                 |  |
|        |                 | (Signature of Inventor)                  |

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

ATTORNEYS AT LAW FOURTH FLOOR 1755 JEFFERSON DAVIS HIGHWAY ARLINGTON, VIRGINIA 22202

1/95

PATENT REEL: 010345 FRAME: 0264