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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):

- (1) Hiroaki MAKINO
(2) Takeshi IZAWA
(3) Yasushi AKAHORI
(4) Yoshinori SHIRAFUJI
(5) Koji YAMASHITA



Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

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

Name: MITSUBISHI DENKI KABUSHIKI KAISHA

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Tokyo, 100 Japan

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Additional name(s) & address(es) attached?

☐ Yes ☒ NoExecution Date: May 6, 1998

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)

09/002,395

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.
Attorneys at Law
Fourth Floor
1755 Jefferson Davis Highway
Arlington, Virginia 22202

6. Total number of applications and patents involved:

17. Total fee (37 CFR 3.41): \$ 40.00

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number: 15-0030

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Registration Number **27,295**

Date

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PATENT

REEL: 9259 FRAME: 0765

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Assignment Of Application

Page 1 of 2

WHEREAS, I (WE) Hiroaki MAKINO, Takeshi IZAWA, Yasushi AKAHORI,

Yoshinori SHIRAFUJI and Koji YAMASHITA all of Tokyo, Japan

INSERT NAMES
AND RESIDENCE
ADDRESSES OF
THE INVENTORS:

_____, respectively,

INSERT TITLE
OF INVENTION:

have invented certain new and useful improvements in: REFRIGERANT CIRCULATING
APPARATUS AND METHOD OF ASSEMBLING A REFRIGERANT CIRCUIT ,

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

for which an application for Letters Patent was executed on May 6, 1998
(Application No. 09/002,395 , filed January 2, 1998), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE:

WHEREAS, mitsubishi denki kabushiki kaisha
(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 therefor in the United States and its territorial possessions and in
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.

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: May 6, 1998	<u>Hiroaki Makino</u> (Signature of Inventor) Hiroaki MAKINO
Date: May 6, 1998	<u>Takeshi Izawa</u> (Signature of Inventor) Takeshi IZAWA
Date: May 6, 1998	<u>Yasushi Akaori</u> (Signature of Inventor) Yasushi AKAHORI
Date: May 6, 1998	<u>Yoshinori Shirafuji</u> (Signature of Inventor) Yoshinori SHIRAFUJI
Date: May 6, 1998	<u>Koji Yamashita</u> (Signature of Inventor) Koji YAMASHITA
Date: _____	(Signature of Inventor) _____
Date: _____	(Signature of Inventor) _____
Date: _____	(Signature of Inventor) _____

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