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FORM PTO-1596 1-31-92 REGISTRATION FORM COVER SHEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Docket No.: 50222-159 PATENTS ONLY

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

1. Name of Conveying Party(ies): Mitsuo SUGITA, Noboru NAKAGAWA, Tadashi AOKI, and Toshihiro TERANISHI Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes	2. Name and address of receiving party(ies): Name: Kabushiki Kaisha Saginomiya Seisakusho Address: 55-5, Wakamiya 2-chome, Nakano-ku TOKYO, 165-0033, JAPAN Additional name(s) & address(es) attached? <input type="checkbox"/> Yes
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other Execution Date: January 27, 1999	

4. Application number(s) or patent number(s):
 If the document is being filed together with a new application, the execution date of the application is: January 28, January 27, January 27, and January 27, 1999 (respectively)

A. Patent Application No(s). <p style="font-size: 2em; text-align: center;">09/230886</p>	B. Patent No(s). Additional numbers attached? <input type="checkbox"/> Yes
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5. Name and address of party to whom correspondence concerning document should be mailed: Name: MCDERMOTT, WILL & EMERY Internal Address: Street Address: 600 13 th Street, N.W. City: Washington State: DC Zip: 20005	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 500417
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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.

Robert L. Price, 22,685 February 2, 1999

Name and Registration No. of Person Signing	Signature	Date
Total number of pages comprising cover sheet:		1

CMB No. 0851-0011 (exp. 4/94)

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- | | |
|----------------------------|--------------------------------|
| (1) <u>Mitsuo SUGITA</u> | (4) <u>Toshihiro TERANISHI</u> |
| (2) <u>Noboru NAKAGAWA</u> | (5) _____ |
| (3) <u>Tadashi AOKI</u> | (6) _____ |

who have made a certain new and useful invention, hereby sell, assign and transfer unto

Kabushiki Kaisha Saginomiya Seisakusho,
55-5, Wakamiya 2-chome, Nakano-ku, TOKYO, 165-0033, Japan

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

CHANNEL-SWITCHING VALVE AND METHOD OF CONTROLLING THE SAME, AND
REFRIGERATING CYCLE AND METHOD OF CONTROLLING THE SAME

(a) for which an application for United States Letters Patent was filed on _____, and identified by United States Serial No. _____; or

(b) for which an application for United States Letters Patent was executed on _____,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS

DATE SIGNED

- 1) Mitsuo Sugita
Name: Mitsuo SUGITA
- 2) Noboru Nakagawa
Name: Noboru NAKAGAWA
- 3) Tadashi Aoki
Name: Tadashi AOKI
- 4) Toshihiro Teranishi
Name: Toshihiro TERANISHI
- 5) _____
Name: _____
- 6) _____
Name: _____

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