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U.S. DEPARTMENT OF COMMERCE

FORM PTO-1584

NUM-150

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Patent and Trademark Office

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

1. Name of conveying party(ies)  
1) Kazuto KOBAYASHI  
2) Masamichi YANO

8-16-02

Additional name(s) of conveying party(ies) attached No

2. Name and address of receiving party(ies)

Name: Fujikoki Corporation

Internal Address:

Street Address: 17-24, Todoroki 7-chome, Setagaya-ku

City: Tokyo, Japan

Additional name(s) & address(es) attached  Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name

Other \_\_\_\_\_

Execution Date: 1) & 2) August 2, 2002

4. Application number(s) or patent number(s): 10/152,821

If the document is being filed together with a new application, the execution date of the application is

Additional numbers attached No

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

Name: RADER, FISHMAN & GRAUER

Internal Address: Suite 501

Street Address: 1233 20<sup>th</sup> Street, NW

City: Washington, D.C. Zip: 20036

6. Total number of applications and patents involved:..... 1

7. Total fee (37 CFR 3.41)..... \$ 40.00

- Enclosed
- Authorized to be charged to Deposit Account

8. Deposit account number:  
18-0013

(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 any attached copy is a true copy of the original document.

David K. Benson, Reg. No. 42,314

Name of Person Signing

Signature

August 16, 2002

Date

Total number of pages comprising cover sheet

08/21/2002 STON11 00000087 180013 10152821

01 FC:581 40.00 CH

Docket Number:

**ASSIGNMENT**

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in

**EXPANSION VALVE**

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, FUJIKOKI CORPORATION  
a Japanese corporation with offices at 17-24, Todoroki 7-chome,  
Setagaya-ku, Tokyo, Japan (hereinafter referenced  
as ASSIGNEES) is desirous of acquiring all interest in, to and  
under said invention, said application disclosing the invention  
and in, to and under any Letters Patent or similar legal  
protection which may be granted therefor in the United States and  
in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of Ten  
Dollar (\$10.00), and other good and valuable consideration, the  
receipt and sufficiency of which are hereby acknowledged, I, as a  
sole or joint inventor as indicated below, by these presents do  
hereby assign, sell and transfer unto the said ASSIGNEES, its  
successors, assigns, and legal representatives, the entire right,  
title and interest in the said invention, said application,  
including any divisions and continuations thereof, and in and to  
any and all Letters Patent of the United States, and countries  
foreign thereto, which may be granted for said invention, and in  
and to any all priority rights and/or convention rights under the  
International Convention for the Protection of Industrial  
Property, Inter-American Convention Relating to Patents, Designs  
and Industrial Models, and any other international agreements to  
which the United States of America adheres, and to any other  
benefits accruing or to accrue to me with respect to the filing  
of applications for patents or securing of patents in the United  
States and countries foreign thereto, and I hereby authorize and  
request the Commissioner of Patents to issue the said United  
States Letters Patent to said ASSIGNEES, as the assignee of the  
whole right, title and interest thereto;

And I further agree to execute all necessary or  
desirable and lawful future documents, including assignments in  
favor of ASSIGNEES or its designee, as ASSIGNEES or its  
successors, assigns and legal representatives may from time-to-  
time present to me and without further remuneration, in order to  
perfect title in said invention, modifications, and improvements  
in said invention, applications and Letters Patent of the United  
States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEES will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow: Serial Number: 10/152,821, Filing Date: May 23, 2002.

This assignment executed on the dates indicated below.

Kazuto KOBAYASHI

Name of first inventor Execution date of U.S. Patent Application  
c/o FUJIKOKI CORPORATION  
17-24, Todoroki 7-chome, Setagaya-ku, Tokyo, Japan

Residence of first inventor

Kazuto Kobayashi

Aug. 2, 2002

Signature of first inventor

Date of this assignment

Masamichi YANO

Name of second inventor Execution date of U.S. Patent Application  
c/o FUJIKOKI CORPORATION  
17-24, Todoroki 7-chome, Setagaya-ku, Tokyo, Japan

Residence of second inventor

MASAMICHI YANO

Aug. 2, 2002.

Signature of second inventor

Date of this assignment

Name of third inventor Execution date of U.S. Patent Application

Residence of third inventor

Signature of third inventor

Date of this assignment