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Our Ref.: 2018-1571

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

12.27.06

1. Name of conveying party(ies):

1 Katsuya Torii 5
2 Yasushi Kawano 6
3 Masamichi Akagawa 7
4 8

Additional name/s of conveying party/ies attached?

3. Nature of conveyance:

Assignment Merger
 Security Assignment Change of Name
 Other _____

Execution Date: December 14, 2006; December 15, 2006; December 15, 2006

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

1) Name: Denso Corporation
Street Address: 1-1, Showa-cho
City: Kariya-city, Aichi-pref.
State/Country: Japan Zip: 448-8661

2) Name _____
Street Address: _____
City: _____
State: _____ Zip: _____

Additional name/s & address/es attached? Yes No

113235 U.S. PTO
11/643981



122206

4. Application number(s) or patent number(s): This assignment is being filed together with a new application.

A. Patent Application No(s).
(1) To be assigned
(2)
(3)

B. Patent No(s).
(1)
(2)
(3)

Additional numbers attached Yes No

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

Name: Larry S. Nixon

Internal Address: _____

Street Address: Nixon & Vanderhye P.C.
901 North Glebe Road
11th Floor

City: Arlington State: VA Zip: 22203

6. Total number of applications & patents involved: 1

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

Enclosed
 Authorized to be charged to deposit account #14-1140

8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our **Account No. 14-1140.**

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9. Statements 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.

Larry S. Nixon Larry S. Nixon by December 22, 2006
Name of Person Signing Signature Date
Reg. No. 25,640

Total number of pages including **original** cover sheet, attachments, and document: Reg # 31,097 [2]

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
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PATENT
REEL: 018725 FRAME: 0297

ASSIGNMENT OF U.S. PATENT APPLICATION

(Inventors) Katsuya Torii
Yasushi Kawano
Masamichi Akagawa

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee) DENSO CORPORATION a corporation of Japan
(Address) 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan

(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions in the invention, and all applications for patent and any Letters Patent which may be granted therefore, known as

(Title) VALVE ASSEMBLY HAVING A SEALING MEMBER
for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed on _____ or has already filed U.S. application Serial No. _____, on _____.

The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date December 14, 2006 Signature of inventor

Katsuya Torii
Katsuya Torii

Date December 15, 2006 Signature of inventor

Yasushi Kawano
Yasushi Kawano

Date December 15, 2006 Signature of inventor

Masamichi Akagawa
Masamichi Akagawa

Date December 14, 2006

Witnessed by: Hidetoshi Ohsami

Date December 15, 2006

Witnessed by: Atsuo Washikita

Date December 15, 2006

Witnessed by: Yoshiyuki Okubo