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102535839
PATENTS ONLY

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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):

8.19.03

Masao Yasuno
Chiharu Kamiya
Kousei Banno
Hiroyuki Saito

Additional name of conveying party(ies) attached? Yes No

3. Nature of conveyance:

Assignment Merger

Execution Date(s):

Masao Yasuno June 20, 2003
Chiharu Kamiya June 24, 2003
Kousei Banno June 25, 2003
Hiroyuki Saito June 25, 2003

2. Name and address of receiving party(ies)

1) Name: DENSO CORPORATION

Address: 1-1, Showa-cho
Kariya-city, Aichi-pref.
448-8661 Japan

2) Name: SHIMIZU INDUSTRY CO., LTD

Address: 1-Chasenbo-shita, Hitotsugi-cho
Kariya-city, Aichi-pref.
448-0003 Japan

Additional Name(s) & address(es) attached? Yes No

22389 U.S. PTO
10/643715
08/19/03

4. Application number(s) or patent number(s):

10643715

If this document is being filed together with a new application, the execution date of the application is: June 20, 2003

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: H. Keith Miller, Esq.

Internal Address: Harness, Dickey & Pierce, P.L.C.

Street Address: P.O. Box 828

City: Bloomfield Hills State: MI Zip: 48303

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

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

Enclosed
 Authorized to be charged to deposit account

8. The Commissioner is hereby authorized to charge any additional fees that may be required or credit any overpayments to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.

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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.

H. Keith Miller, Esq.
Name of Person Signing

Signature

August 19, 2003
Date

Total number of pages including cover sheet, attachments, and documents: 2

Mail documents to be recorded with required cover sheet information to:

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08/21/2003 EFLORES 00000036 10643715

FC:8021 40.00 OP

PATENT
REEL: 014423 FRAME: 0087

ASSIGNMENT BY INVENTORS

Sole or Joint

WHEREAS, the undersigned, hereinafter referred to as Assignor(s), have invented

AIR PASSAGE SWITCHING SYSTEM AND MANUFACTURING METHOD OF SWITCHING DOOR

for which the undersigned executed an application for Letters Patent of the United States of America:

- (A) × even date herewith
 (B) on
 (C) in U.S. Appln. No. filed

AND WHEREAS,

DENSO CORPORATION of 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan

SHIMIZU INDUSTRY CO.,LTD of 1-CHASENBO-SHITA, HITOTSUGI-CHO, KARIYA-CITY, Aichi-pref.,
448-0003 JAPAN

hereinafter referred to as Assignee, is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, Assignors by these presents do sell, assign and transfer unto Assignee, its successors in interest, the full and exclusive right in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States and the Paris Convention, to the said invention as described in the specification executed by Assignors of even date preparatory to filing a United States application for patent therefor, said invention and all United States applications for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignors had this assignment and sale not been made; and Assignors hereby covenant and agree to execute all instruments or documents required or requested for the making and prosecution of United States application for patent and all foreign countries on, for litigation regarding, or for the purpose of protecting title to the said invention, the United States application for patent, or Letters Patent therefor for the benefit of Assignee without further or other compensation than that above set forth; and Assignors hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee(s).

Masao Yasuno

Inventor 1: **Masao Yasuno**

June 20, 2003

Date

Shiho Hashimoto

Witness

Chiharu Kamiya

~~Chiharu Kamiya~~

Inventor 2: **Chiharu Kamiya**

June 24, 2003

Date

Masaru Joda

Witness

Kousei Banno

~~Kousei Banno~~

Inventor 3: **Kousei Banno**

June 25, 2003

Date

Masaru Joda

Witness

Hiroyuki Saito

Inventor 4: **Hiroyuki Saito**

June 25, 2003

Date

Masaru Joda

Witness