

10-09-2007



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HDP Docket No. 4041J-001223  
Express Mail Label No.

Documents or the new address(es) below.

9/17/07

To the Director of the U.S. Patents and Trademark Office

1. Name of conveying parties & Execution Dates:

Hiroki Naganawa	June 13, 2007
Shun Kurata	July 2, 2007
Fumiaki Nakamura	June 15, 2007
Kinji Ochiai	July 3, 2007
Hiroki Ohara	July 3, 2007
Hiroki Oguchi	July 3, 2007

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

2. Name and address of receiving party(ies)

1) Name: **DENSO Corporation**  
Address: 1-1, Showa-cho  
Kariya-city, Aichi-pref.  
Japan 448-8661

2) Name: **DENSO Airc Corporation**

Address: 89-8, Hoden, Nodera-cho  
Anjo-city, Aichi-pref.  
Japan 444-1165

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

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

This document is being filed together with a new application.

A. Patent Application No.(s)  
11/647,469

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  
Phone Number: 248-641-1600  
Fax Number: 248-641-0270  
Email Address: \_\_\_\_\_

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

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- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_ Expiration Date \_\_\_\_\_  
b. Deposit Account Number 08-0750  
Authorized User Name H. Keith Miller

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 Name/Number: 11647469  
 \$40.00 CR  
 08/21/2007  
 Ref: 08/21/2007  
 08/21/2007  
 08/21/2007

9. Signature :

Signature

H. Keith Miller, Esq., Reg. No. 22,484

September 17, 2007

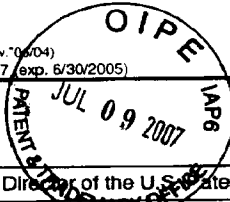
Date

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Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

07-13-2007



103426457

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Hiroki Ohara July 3, 2007  
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Authorized User Name H. Keith Miller, Esq.

**9. Signature:**

H. Keith Miller, Esq., Reg. No. 22,484

July 9, 2007

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07/12/2007 DBYRME 00000022 11647469

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EV (40.00 DP) 755 418 780 US

# ASSIGNMENT BY INVENTORS

Sole or Joint

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

## METHOD OF MANUFACTURING DOUBLE PIPE

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. 11/647469 filed December 28, 2006

AND WHEREAS,

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

**DENSO AIRS CORPORATION, 89-8, Hoden, Nodera-cho, Anjo-city, Aichi-pref., 444-1165 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).

Hiroki Naganawa  
Inventor 1: **Hiroki Naganawa**

June 13, 2007  
Date

Takanori Kubo  
Witness

Shun Kurata  
Inventor 2: **Shun Kurata**

July 2, 2007  
Date

Takanori Kubo  
Witness

Fumiaki Nakamura  
Inventor 3: **Fumiaki Nakamura**

June 15, 2007  
Date

Takanori Kubo  
Witness

Kinji Ochiai  
Inventor 4: **Kinji Ochiai**

July, 3, 2007  
Date

Takanori Kubo  
Witness

Hiroki Ohara  
Inventor 5: **Hiroki Ohara**

July, 3, 2007  
Date

Takanori Kubo  
Witness

Hiroki Oguchi  
Inventor 6: **Hiroki Oguchi**

July, 3, 2007  
Date

Takanori Kubo  
Witness

PATENT