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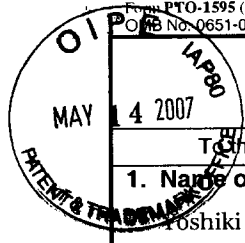
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COVER SHEET ONLY

HDP Docket No. 4041J-001250
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Record the attached documents or the new address(es) below.

5-14-07



To the Director of the

1. Name of conveying parties & Execution Dates:

Toshiki Katoh February 20, 2007
 Mitsugu Nakamura February 20, 2007
 Arinori Shimizu February 22, 2007
 Sadayuki Kamiya February 22, 2007
 Hiroki Naganawa February 22, 2007
 Takaharu Nagoya February 22, 2007
 Takayuki Hirose February 22, 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

2. Name and address of receiving party(ies)

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

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

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

A. Patent Application No.(s)
11/708,166

This document is being filed together with a new application.

B. Patent No.(s)

05/17/2007 DBYRNE 00000047 11708166

Additional numbers attached? Yes No

01 FC:8021

(40.00 DP)

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

- Authorized to be charged by credit card
- 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, Esq.

9. Signature :

May 14, 2007

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

Date

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

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

EV 755 416 483 US

PATENT
 REEL: 019325 FRAME: 0766

ASSIGNMENT BY INVENTORS

Sole or Joint

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

PIPE JOINT APPARATUS, PIPE JOINT STRUCTURE OF HEAT EXCHANGER, AND METHOD OF ASSEMBLING PIPE TO HEAT EXCHANGER

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. Appl. No. 11/708,166 filed February 15, 2007

AND WHEREAS,

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

Yoshiki Katoh

Inventor 1: **Yoshiki Katoh**

February 20, 2007 *Toshihiro Yamamoto*
Date Witness

Mitsugu Nakamura

Inventor 2: **Mitsugu Nakamura**

February 20, 2007 *Toshihiro Yamamoto*
Date Witness

Arinori Shimizu

Inventor 3: **Arinori Shimizu**

February 22, 2007 *Hiroaki Nakamura*
Date Witness

Sadayuki Kamiya

Inventor 4: **Sadayuki Kamiya**

February 22, 2007 *Takashi Audo*
Date Witness

Hiroki Naganawa

Inventor 5: **Hiroki Naganawa**

February 22, 2007 *Fumitoshi Okamoto*
Date Witness

IF ADDITIONAL INVENTORS, check and continue on page 2.

ASSIGNMENT BY INVENTORS
Sole or Joint

Takaharu Nagoya

Inventor 6: **Takaharu Nagoya**

February 22, 2007

Date

Shuzo Asano

Witness

Takayuki Hirose

Inventor 7: **Takayuki Hirose**

February 22, 2007

Date

Hideaki Sato

Witness