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Priority Docket No. 4041K-000163

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U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks, P.O. Box 1000, Washington, D.C. 20231, with attached original documents or copy thereof.

1. Name of conveying party(ies):

Tatsuo Ozaki
Masanobu Toyoda

12-19-03

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

3. Nature of conveyance:

Assignment Merger

Execution Date(s): December 10, 2003

2. Name and address of receiving party(ies)

Name: DENSO CORPORATION

Address: 1-1, Showa-cho

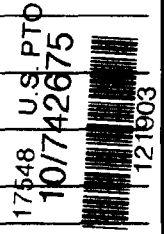
Kariya-city, Aichi-pref.

448-8661 Japan

Street Address: _____

City: _____ State: _____ Zip: _____

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



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

If this document is being filed together with a new application, the execution date of the application is: December 10, 2003

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

10 742675

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

December 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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Washington, D.C. 20231

12/30/2003 HLE333 00000039 10742675

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U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by

(Insert
ASSIGNEE's
Name(s)
Address(es))

DENSO CORPORATION
1-1 SHOWA-CHO KARIYA-CITY AICHI-PREF. 448-8661 JAPAN

(hereinafter "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of
Invention)

HEAT EXCHANGER AND METHOD OF MANUFACTURING CORE PLATE

relating to International Patent Application PCT/JP _____/_____ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(Insert date
of execution
of application,
if not
concurrent)

(a) executed on _____ ;
(b) filed on _____ ,
Serial No. _____ / _____ ;

_____) is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

1)	<u>Tatsuo Ozaki</u> (SIGNATURE)	<u>Tatsuo Ozaki</u> (TYPE NAME)	<u>December 10, 2003</u> (DATE)
2)	<u>Masanobu Toyoda</u> (SIGNATURE)	<u>Masanobu Toyoda</u> (TYPE NAME)	<u>December 10, 2003</u> (DATE)
3)	_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
4)	_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
5)	_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
6)	_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
7)	_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
8)	_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)

PATENT