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1. A. Name of conveying parties:
[1] Tsuyoshi HAYAKAWA
[2] Hideaki SHIRAI
B. Additional name(s) of conveying party(ies) attached?
 Yes No

2. A. Name and address of receiving party:

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

3. A. Nature of conveyance:
 Assignment Merger
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B. Additional name(s) & address(es) attached?
 Yes No

B. Execution Date: [ALL] February 13, 2012

4. A. Patent Application No. 13/366,822

B. Patent No.(s)

Additional numbers attached? Yes No

C. Title of Application: TIG WELDING METHOD AND APPARATUS

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

Name: James A. Oliff

Address: **OLIFF & BERRIDGE, PLC**
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6. Total number of applications and patents involved: 1

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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.


James A. Oliff, Registration No. 27,075
Jana Nelson, Registration No. 66,070

Date: March 21, 2012

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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

DENSO CORPORATION

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

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)

TIG WELDING METHOD AND APPARATUS

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 February 6, 2012
Serial No. 13 / 366,822

Assignee's attorney 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>Tsuyoshi Hayakawa</u> (SIGNATURE)	Tsuyoshi Hayakawa (TYPE NAME)	<u>February 13, 2012</u> (DATE)
2)	<u>Hideaki Shirai</u> (SIGNATURE)	Hideaki Shirai (TYPE NAME)	<u>February 13, 2012</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