

Mail Stop:
Assignment Recordation Services
Director of the U.S. Patent
and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

RECORDATION FORM COVER SHEET
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Attorney Docket No. 151251

Please record the attached document.

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

1. A. Name of conveying parties:
 (1) Daisuke ITOMURA
 (2) Ryonosuke TERA
 (3) Yasuaki HIROKAWA
 (4) Hayato NAGAYA

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

B. Additional name(s) & address(es) attached?
 Yes No

3. A. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

B. Execution Date: (1), (2) and (4): October 18, 2011; (3): October 14, 2011

4. A. Patent Application No. 13/282,918

B. Patent No.(s)

Additional numbers attached? Yes No

C. Title of Application: PLASMA GENERATING APPARATUS

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

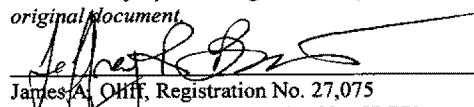
Address: **OLIFF & BERRIDGE, PLC**
P.O. Box 320850
Alexandria, VA 22320-4850
Phone Number: 703-836-6400
Fax Number: 703-836-2787

6. Total number of applications and patents involved: 1

7. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of \$40.00.

8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.

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.



 James A. Oliff, Registration No. 27,075
 Jeffrey R. Bonsquet, Registration No. 57,771

Date: October 27, 2011

CH \$40.00 150461 13282918

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

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

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

(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

PLASMA GENERATING APPARATUS

(Title of Invention)

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 October 27, 2011
Serial No. 13 / 282,918;

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>Daisuke Itomura</u> (SIGNATURE)	<u>Daisuke Itomura</u> (TYPE NAME)	<u>October 18, 2011</u> (DATE)
2)	<u>Ryonosuke Tera</u> (SIGNATURE)	<u>Ryonosuke Tera</u> (TYPE NAME)	<u>October 18, 2011</u> (DATE)
3)	<u>Yasuaki Hirokawa</u> (SIGNATURE)	<u>Yasuaki Hirokawa</u> (TYPE NAME)	<u>October 14, 2011</u> (DATE)
4)	<u>Hayato Nagaya</u> (SIGNATURE)	<u>Hayato Nagaya</u> (TYPE NAME)	<u>October 18, 2011</u> (DATE)
5)	_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
6)	_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
7)	_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
8)	_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)

PATENT