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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Nobuo ISHII
Makoto ANDO

Execution Date(s) July 1, 2003

Additional name(s) 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 Correct Address for Second Assignee.

2. Name and address of receiving party(ies)

Name: TOKYO ELECTRON LIMITED
3-6, Akasaka 5-chome,
Minato-ku, Tokyo JAPAN
and
MAKOTO ANDO
1-1-I-312, Ogura
Saiwai-ku, Kawasaki-shi
Kanagawa, JAPAN

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)

10/466,306

B. Patent Registration No.(s)

Additional number(s) attached? ☐ Yes ☒ No

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

Name: Crowell & Moring LLP

Street Address: Intellectual Property Group
PO Box 14300
Washington, DC 20044-4300

Phone Number: 202-624-2500

Fax Number: 202-628-8844

Email Address: _____

6. Total number of applications and patents involved

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

- ☐ Authorized to be charged by credit card
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☒ Enclosed
☐ None required (government interest not affecting title)

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9. Signature:

Signature

April 7, 2005

Date

Herbert I. Cantor, Registration No. 24,392

Name of Person Signing

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HIC:vgp (doc. no. 101248.52581US)

04/11/2005 DBYRME 00000117 10466306

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40.00 DP

PATENT
REEL: 016436 FRAME: 0936

10/466306

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OMB No. 0651-0011 (exp. 4/94)

7-15-03

11-03-2003

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

PCT/PTO 15 JUL 2003

Attorney Docket No. 10986.52021US RJ

To the Honorable Commissioner of Patents
copy thereof.

102708276

tached original documents or

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2. Makoto ANDO

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☒ Assignment

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10466306

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B. Patent No(s).

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correspondence concerning document should be
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CROWELL & MORING, L.L.P.
Intellectual Property Group
P.O. Box 14300
Washington, D.C. 20044-4300

6. Total number of applications and patents involved:
1

7. Total Fee (37 CFR 3.41): \$ 40.00
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connection with this Assignment to Deposit Account
No. 05-1323

☐ Authorized to be charged to Deposit Account

8. Deposit Account No.

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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.

Herbert I. Cantor

33519

Reg. No. 24,392

July 15, 2003
Date

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PATENT

REEL: 016436 FRAME: 0937

UNITED STATES PATENT RIGHTS, OR
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ATTORNEY DOCKET NO.

ASSIGNMENT

Application No. _____

Filed _____

Insert Name(s)
of Inventor(s)

➡ WHEREAS, Nobuo ISHII and Makoto ANDO

Insert Title
of Invention

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in _____

➡ Plasma Device and Plasma Generation Method

for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application).

Insert Date
of Signing of
Application

➡ on July 1, 2003; and

Insert Name
of Assignee

➡ WHEREAS, (1) TOKYO ELECTRON LIMITED

(2) Makoto ANDO

Insert Address
of Assignee

➡ of (1) 3-6, Akasaka 5-chome, Minato-ku, Tokyo, Japan

(2) 1-1-I-312, Ogura, Saiwai-ku, Kawasaki-shi, Kanagawa, Japan

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and

CHECK BOX
IF APPROPRIATE

➡ ☒ in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) the request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional, conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of CROWELL & MORING, L.L.P. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	<u>July 1, 2003</u>	Name of Inventor	<u>Nobuo Ishii</u> Nobuo ISHII
Date	_____	Name of Inventor	_____ Makoto ANDO
Date	_____	Name of Inventor	_____
Date	_____	Name of Inventor	_____
Date	_____	Name of Inventor	_____
Date	_____	Name of Inventor	_____
Date	_____	Name of Inventor	_____
Date	_____	Name of Inventor	_____

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UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

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Insert Address
of Assignee

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(2) 1-1-I-312, Ogura, Saiwai-ku, Kawasaki-shi, Kanagawa, Japan

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may be granted therefor in the United States of America and

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☒ in any and all foreign countries.

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paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned
has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said
Assignee the full and exclusive right to the said invention in the United States of America, its territories,
dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s)
which may be granted therefor in the United States of America, its territories, dependencies and possessions,
and if the box above is designated, in any and all foreign countries;

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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date _____	Name of Inventor _____ Nobuo ISHII
Date <u>July 1, 2003</u>	Name of Inventor <u>Makoto Ando</u> Makoto ANDO
Date _____	Name of Inventor _____
Date _____	Name of Inventor _____
Date _____	Name of Inventor _____
Date _____	Name of Inventor _____
Date _____	Name of Inventor _____
Date _____	Name of Inventor _____