



To the Honorable Commissioner of
Please record the attached original

101395364

ATTN. BOX ASSIGNMENTS

1. Name of conveying parties:
1) Nobuo ISHII
2) Yasuo KOBAYASHI
3) Tamotsu MORIMOTO
4) Makoto ANDO
5) Naohisa GOTO

6-5-00

2. Name and address of receiving parties:
1) Tokyo Electron Limited
4) Makoto ANDO
5) Naohisa GOTO

Address: 1) 3-6, Akasaka 5-chome, Minato-Ku,
Tokyo-To, Japan

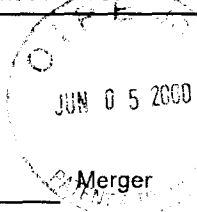
Additional name(s) of conveying party(ies) attached? Yes No

Address: 4) 1-1-I-312, Ogura, Saiwai-ku
Kawasaki-shi, Kanagawa-ken, Japan

3. Nature of conveyance:

Address: 5) 2-8-1, Shiroyamate, Hachioji-shi
Tokyo-to, Japan

Assignment Merger
 Security Agreement Change of Name



City: _____
State: _____ Zip Code: _____

Other

Additional names & Addresses attached?
 Yes No

Execution Date: 1) April 14, 2000; 2, 3) April 11, 2000;
4, 5) April 17, 2000

4. Application number or patent number: If this document is being filed together with a new application, the execution date of the application: _____

A. Patent Application Number:
09/494,031

B. Patent Number(s):

Additional numbers attached? Yes No

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

Name: Mr. Ernest F. Chapman

6. Total number of applications and registrations involved:
1

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT
& DUNNER, L.L.P.

7. Total fee (37 CFR 3.41): \$40

07/05/2000 JSB0027 00000127 09454031

Enclosed (Please charge deficiency to deposit account)

01 FC:581 40.00 00
Street Address: 1300 I Street, N.W.

Authorized to be charged to deposit account

City: Washington

8. Deposit account number: 06-0916

State: DC Zip: 20005-3315

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.

David W. Hill

June 5, 2000

Registration No. 28,220

Signature

Date

Total number of pages including cover sheet, attachments and documents: 4

JOINT INVENTION
(U.S. Rights Only)

ASSIGNMENT

WHEREAS, We, the below named inventors, hereinafter referred to as assignors, have made an invention entitled:

PLASMA TREATMENT SYSTEM

for which we executed an application for United States Letters Patent concurrently herewith or on _____ or filed an application for United States Letters Patent on Jan. 31, 2000 (Application No. 09/494,031); and

WHEREAS, Tokyo Electron Limited, a corporation of Japan, whose post office address is 3-6, Akasaka 5-chome, Minato-ku, Tokyo-to, Japan; Makoto ANDO, whose post office address is 1-1-I-312, Ogura, Saiwai-ku, Kawasaki-shi, Kanagawa-ken, Japan; and Naohisa GOTO, whose post office address is 2-8-1, Shiroyamate, Hachioji-shi, Tokyo-to, Japan, (hereinafter referred to as assignees), are each desirous of securing an undivided one third of the entire right, title, and interest in and to this invention, and to, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignees is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignees, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignees, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignees, its successors and assigns, any facts known to us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignees, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignees, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignees, its successors and assigns.

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

AND, WE HEREBY authorize and request the attorneys we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. 09/494,031, filed Jan. 31, 2000) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, we have hereunto set our hands.

First Assignor

Nobuo ISHII
1-30, Ao-Gein 6-chome,
Minoo-shi, Osaka-fu, Japan

Citizenship: Japan

Signature: Nobuo Ishii

Date: April 14, 2000

Second Assignor

Yasuo KOBAYASHI
6-4, Hon-Cho 1-Chome,
Nirasaki-Shi, Yamanashi-ken, Japan

Citizenship: Japan

Signature: Yasuo Kobayashi

Date: April 11, 2000

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

Third Assignor

Tamotsu MORIMOTO
346-5-2-408, Toda-Teramae, Sutama-Cho,
Kita-Koma-Gun, Yamanashi-ken, Japan

Citizenship: Japan

Signature: Tamotsu Morimoto

Date: April 11, 2000

Fourth Assignor

Makoto ANDO
1-1-1-312, Ogura, Saiwai-ku,
Kawasaki-shi, Kanagawa-ken, Japan

Citizenship: Japan

Signature: Makoto Ando

Date: April 17, 2000

Fifth Assignor

Naohisa GOTO
2-8-1, Shiroyamate, Hachioji-shi,
Tokyo-to, Japan

Citizenship: Japan

Signature: Naohisa Goto

Date: April 17, 2000

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.