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To the Director of the United States Patent and Trademark Office. Please record the att

Jae Young JEONG  
Takashi FUSE  
Kiwamu FUJIMOTO

1-27-64

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

### 3. Nature of Conveyance:

☒ Assignment
 ☐ Merger  
☐ Security Agreement
 ☐ Change of Name  
☐ Other

Execution Date: December 26, 2003

2. Name and address

102658220

Name: TOKYO ELECTRON LIMITED

Address: 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481, Japan

Additional name(s) and 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:

A. Patent Application No.(s)

10/745,519

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Customer Number

22850

Tel. (703) 413-3000  
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6. Total applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

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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.*

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Date \_\_\_\_\_

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Registration No. 27,013

Total number of pages including this cover sheet: 3

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**PATENT**  
**REEL: 014925 FRAME: 0516**

# Assignment of Application

Page 1 of 2

WHEREAS, I (WE) Jae Young Jeong of 407-6, Seonghwan-ri, Seonghwan-eub, Cueonan-kun, Chungnam,  
South Korea;  
Takashi Fuse of E-BEAM Ltd., 2-12-6, Konan, Minato-ku, Tokyo 108-0075, Japan; and  
Kiwamu Fujimoto of 2381-1, Kitagejo, Fujii-cho, Nirasaki-shi, Yamanashi 407-0192,  
Japan

INSERT NAMES  
AND RESIDENCE  
ADDRESS OF  
THE INVENTORS:

\_\_\_\_\_, respectively,  
have invented certain new and useful improvements in: PLASMA ETCHING METHOD

INSERT TITLE  
OF INVENTION:

for which an application for Letters Patent was executed on even date herewith  
(Application No. 10/745,519, filed December 29, 2003), and

INSERT DATE IN-  
VENTORS SIGNED  
DECLARATION:

WHEREAS, TOKYO ELECTRON LIMITED

INSERT NAME  
AND ADDRESS OF  
COMPANY OR  
OTHER ASSIGNEE

(hereinafter referred to as "ASSIGNEE") having a place of business at: 3-6, Akasaka 5-chome, Minato-ku,  
Tokyo 107-8481, Japan

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

03/03

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: Dec. 26, 2003

Jae Young Jeong  
(Signature of Inventor) Jae Young Jeong

Date: Dec. 26, 2003

Takashi Fuse  
(Signature of Inventor) Takashi Fuse

Date: Dec. 26, 2003

Kiwamu Fujimoto  
(Signature of Inventor) Kiwamu Fujimoto

Date: \_\_\_\_\_

\_\_\_\_\_  
(Signature of Inventor)

Date: \_\_\_\_\_

\_\_\_\_\_  
(Signature of Inventor)

Date: \_\_\_\_\_

\_\_\_\_\_  
(Signature of Inventor)

Date: \_\_\_\_\_

\_\_\_\_\_  
(Signature of Inventor)

Date: \_\_\_\_\_

\_\_\_\_\_  
(Signature of Inventor)

**OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.**  
ATTORNEYS AT LAW  
1940 DUKE STREET  
ALEXANDRIA, VIRGINIA 22314

03/03