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11-24-2000

FORM PTO-1594
1-31-92U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 07553.0017

101526693

To the Honorable Commissioner of Patents and
Please record the attached original documents or copy thereof.

ATTN. BOX ASSIGNMENTS

1. Name of conveying parties:

- 1) Mitsuru ISHIKAWA
- 2) Masaaki HAGIHARA
- 3) Koichiro INAZAWA

Additional name of conveying party attached? ☐ Yes ☒ No

2. Name and address of receiving parties:

Name: Tokyo Electron Limited

Internal Address:

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

City:

State:

Zip Code:

3. Nature of conveyance:

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

Other

Execution Date: Inventors 1 and 2 : October 4, 2000
Inventor 3: October 2, 2000

Additional name & Address attached?

☐ Yes ☒ No4. Application number or patent number: If this document is being filed together with a new application, the execution date of the application: Inventors 1 and 2: October 4, 2000 and Inventor 3: October 2, 2000

A. Patent Application Number:

B. Patent Number:

Additional numbers attached? ☐ Yes ☒ No

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

Name: Mr. Ernest F. Chapman

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

Street Address: 1300 I Street, N.W.

City: Washington

State: DC Zip: 20005-3315

6. Total number of applications and registrations involved: 1

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

☒Enclosed (Please charge deficiency to deposit account)
☐

Authorized to be charged to deposit account

8. Deposit account number: 06-0916

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

Registration No. 28,220

Signature

October 26, 2000

Date

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

PATENT
REEL: 011259 FRAME: 0645

ATTORNEY DOCKET NO.:

SOLE/JOINT INVENTION
(U.S. Rights Only)

A S S I G N M E N T

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled: Etching Method

for which I/WE executed an application for United States Letters Patent concurrently herewith or on _____ or filed an application for United States Letters Patent on _____, 19____ (Serial No. _____); and

WHEREAS, Tokyo Electron Limited
a corporation of Japan, whose post office
address is 3-6, Akasaka 5-chome, Minato-ku, Tokyo, Japan
(hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, 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 assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/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 I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/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 assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, 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 assignee, its successors and assigns.

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

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

1. Full Name of sole or First Assignor :	Assignor's Signature	: Date
	Mitsuru ISHIKAWA	: <u>Mitsuru Ishikawa</u>
Address	c/o Tokyo Electron Yamanashi Limited	: citizenship
	2381-1, Kitagejo, Fujii-cho, Nirasaki-shi, Yamanashi, Japan	: Japanese
2. Full Name of Second Assignor :	Assignor's Signature	: Date
	Masaaki HAGIHARA	: <u>Masaaki Hagihara</u>
Address	c/o Tokyo Electron Massachusetts, Inc. Boston Plant	: citizenship
	123, Brimbal Avenue, Beverly, Massachusetts, U.S.A.	: Japanese
3. Full Name of Third Assignor :	Assignor's Signature	: Date
	Koichiro INAZAWA	: <u>Koichiro Inazawa</u>
Address	c/o Tokyo Electron Yamanashi Limited	: citizenship
	2381-1, Kitagejo, Fujii-cho, Nirasaki-shi, Yamanashi, Japan	: Japanese

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P. • WASHINGTON, D.C.