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ER SHEET

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1. Name of conveying party(ies):
Takashi AKAHORI, Masaki TOZAWA, Yoko NAITO,
Risa NAKASE, Osamu YOKOYAMA, Shuichi ISHIZUKA,
Shunichi ENDO, Masahide SAITO, Takeshi AOKI &
Tadashi HIRATA

2. Name and address of receiving party(ies):

Name: Tokyo Electron Limited

Internal Address: _____

3. Nature of conveyance:

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

Street Address: 3-6, Akasaka 5-Chome

City/State/Zip: Minato-Ku, Tokyo-To, JAPAN

Execution Date(s): July 6, 1998

Additional name(s) & 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: (Date) July 6, 1998

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Michael A. Makuch
Beveridge, DeGrandi, Weilacher & Young, L.L.P.
1850 M Street, N.W.
Suite 800
Washington, DC 20036

6. Total number of applications and patents
involved (number) 1

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

☒ Enclosed

☐ Charge to deposit account

☐ Other _____

Attorney Docket No. 76-54955

8. Deposit account number: 02-4300

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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.

Michael A. Makuch

July 10, 1998

Name of Person Signing

Signature

Date

Reg. No. 32,263 Total no. of pages (including cover sheet, attachments & documents): 4

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

PATENT
REEL: 9540 FRAME: 0778

ASSIGNMENT

This assignment agreement is applicable to an invention entitled (Invention Title) _____
"PLASMA FILM FORMING METHOD AND PLASMA FILM FORMING APPARATUS"

The PATENT RIGHTS referred to in this agreement are:

- (check one) ☒ a patent application for this invention, executed by the ASSIGNOR(S) concurrently with this assignment.
- ☐ U.S. patent application Serial No. _____, filed _____.
- ☐ a U.S. patent application based on PCT International Application No. _____ filed on (date) _____ (U.S. patent application Serial No. _____, if known).
- ☐ U.S. patent No. _____, issued _____.

The PATENT RIGHTS also include all divisions, reissues, continuations and extensions of the patents and patent applications identified above.

The PATENT RIGHTS assigned under this agreement are:

- (check one) ☒ U.S. patent rights only.
- ☐ Worldwide patent rights. In this case, the assignee shall have the right to claim the benefit of the filing date of any U.S. or foreign patent application for this invention.

The ASSIGNOR(S) referred to in this agreement is (or are) the inventor(s) whose signatures appear on page 2 of this Assignment and any Supplemental Sheet(s).

The ASSIGNEE referred to in this agreement is:

(Name of Assignee) TOKYO ELECTRON LIMITED

(Address) 3-6, Akasaka 5-Chome, Minato-Ku, Tokyo-To, Japan

The ASSIGNEE is:

- (check one) ☐ An Individual.
- ☐ A Partnership.
- ☒ A Corporation of Japan (specify state or country)
- ☐ (other) _____

The ASSIGNOR(S), in consideration of \$10.00 paid by the ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, hereby assign(s) the following rights to the ASSIGNEE, its successors and assigns:

the full and exclusive right to the invention;

the entire right, title and interest in and to the PATENT RIGHTS;

the right to sue and recover for any past infringement; and,

the right to claim priority under 35 USC 119, 35 USC 120, or any other applicable provisions, based on any earlier patent applications for this invention.

ASSIGNEE: TOKYO ELECTRON LIMITEDINVENTION TITLE: "PLASMA FILM FORMING METHOD AND PLASMA FILM FORMING APPARATUS"

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any facts known to the ASSIGNOR(S) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

The ASSIGNORS authorize any attorneys and agents who have a power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filing date in this document after it has been executed.

<u>Takashi AKAHORI</u>	<u><i>Takashi Akahori</i></u>	<u>July 6, 1998</u>
Name of sole or first inventor	Signature	Date
<u>Masaki TOZAWA</u>	<u><i>Masaki Tozawa</i></u>	<u>July 6, 1998</u>
Name of second inventor, if any	Signature	Date
<u>Yoko NAITO</u>	<u><i>Yoko Naito</i></u>	<u>July 6, 1998</u>
Name of third inventor, if any	Signature	Date
<u>Risa NAKASE</u>	<u><i>Risa Nakase</i></u>	<u>July 6, 1998</u>
Name of fourth inventor, if any	Signature	Date
<u>Osamu YOKOYAMA</u>	<u><i>Osamu Yokoyama</i></u>	<u>July 6, 1998</u>
Name of fifth inventor, if any	Signature	Date
<u>Shuichi ISHIZUKA</u>	<u><i>Shuichi Ishizuka</i></u>	<u>July 6, 1998</u>
Name of sixth inventor, if any	Signature	Date
<u>Shunichi ENDO</u>	<u><i>Shunichi Endo</i></u>	<u>July 6, 1998</u>
Name of seventh inventor, if any	Signature	Date
<u>Masahide SAITO</u>	<u><i>Masahide Saito</i></u>	<u>July 6, 1998</u>
Name of eighth inventor, if any	Signature	Date
<u>Takeshi AOKI</u>	<u><i>Takeshi Aoki</i></u>	<u>July 6, 1998</u>
Name of ninth inventor, if any	Signature	Date

ASSIGNEE: TOKYO ELECTRON LIMITED

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any facts known to the ASSIGNOR(S) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

Tadashi HIRATA

Tadashi Hirata

July 6, 1998

Name of sole or first inventor

Signature

Date _____

Name of second inventor, if any

Signature

Date _____

Name of third inventor, if any

Signature

Date _____

Name of fourth inventor, if any

Signature

Date _____

Name of fifth inventor, if any

Signature

Date _____

Name of sixth inventor, if any

Signature

Date _____

Name of seventh inventor, if any

Signature

Date _____

Name of eighth inventor, if any

Signature _____

Date _____

Name of ninth inventor, if any

Signature

Date _____

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RECORDED: 07/10/1998

PATENT
REEL: 9540 FRAME: 0781