

05-14-1998

FORM PTO-1595

RECO

U.S. DEPARTMENT OF COMMERCE

1-3-92

100709631

Patent and Trademark Office

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

1. Name of conveying party(ies):
Hiroaki SAEKI and Teruo ASAKAWA

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

Name: Tokyo Electron Ltd.

Additional name(s) of conveying
parties attached? - ☐ Yes ☒ No

Internal Address: 3-6, Akasaka 5-Chome

Minato-Ku, Tokyo-To

3. Nature of conveyance:

☒ Assignment ☐ Merger

☐ Security Agreement ☐ Change of Name

☐ Other _____

Street Address: 3-6, Akasaka 5-Chome

Minato-Ku, Tokyo-To

City/State/Zip: Tokyo-To, JAPAN

Execution Date(s): April 28, 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) April 28, 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. 76-54771

8. Deposit account number: 02-4300

(Attached duplicate copy of this page if
paying by deposit account)

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05/11/1998 DBUTLER 00000021 09071833

03 EC:581 Statement and signature. 40.00 DP

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

Name of Person Signing

[Signature]
Signature

May 4, 1998

Date

Reg. No. 32,263 Total no. of pages (including cover sheet, attachments & documents): 3

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

PATENT

REEL: 9156 FRAME: 0906

ASSIGNMENT

This assignment agreement is applicable to an invention entitled (Invention Title) _____
"CARRIER FOR CARRYING SEMICONDUCTOR WAFERS AND METHOD
OF DETECTING WAFERS ON CARRIER"

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 an International Application No. _____ filed on (date) _____ under the Patent Cooperation Treaty.
- ☐ 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 \$1.00 paid by the ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, have and do hereby assign 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.

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.

PATENT

REEL: 9156 FRAME: 0907

THIS IS PAGE 2 OF AN ASSIGNMENT FROM THE INVENTOR(S) TO

ASSIGNEE: TOKYO ELECTRON LIMITED

INVENTION TITLE: "CARRIER FOR CARRYING SEMICONDUCTOR WAFERS AND METHOD
OF DETECTING WAFERS ON CARRIER"

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.

Hiroaki SAEKI

Name of sole or first inventor

Hiroaki Saeiki

Signature

April 28, 1998

Date

Teruo ASAKAWA

Name of second inventor, if any

Teruo Asakawa

Signature

April 28, 1998

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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