07-27-2001 33082M093 07-27-2001 101790046
OTIN COVER SHEET
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copies thereof.
1. Name(s) of conveying party(ies): Takehiko ORII and Mitsunori NAKAMORI
2. Name(s) and Address(es) of receiving party(ies):
TOKYO ELECTRON LIMITED 3-6, Akasaka 5-chome Minato-ku, Tokyo 107-8481, JAPAN
3. Nature of conveyance: Assignment Execution Date: July 10, 2001
<ul> <li>4A. Patent Application No.(s):</li> <li>Application execution date : July 10, 2001</li> <li>4B. Patent No.(s):</li> </ul>
5. Name and Address of Party to whom correspondence regarding this document should be mailed:
SMITH, GAMBRELL & RUSSELL, LLP 1850 M Street N.W., Suite 800 Washington, DC 20036
(202) 659-2811
6. Total number of applications and patents involved : one
<ol> <li>Total fee: \$40.00.</li> <li>(Enclosed. Please charge any deficiency or refund any excess to counsel's deposit account.)</li> </ol>
8. Deposit account no.: 02-4300
DO NOT USE THIS SPACE
9. <u>Statement and Signature:</u> 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. Name of Person Signing : Michael A. Makuch, Reg. No. 32,263
Signature: <u>M</u> Date: July 19, 2001

PATENT REEL: 012000 FRAME: 0282

## ASSIGNMENT

This assignment agreement is applicable to an invention entitled:

CLEANING PROCESSING METHOD AND CLEANING PROCESSING APPARATUS

The PATENT RIGHTS referred to in this agreement are:

(check one)  $\square$  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)  $\square$  U.S. patent rights only.

 $\Box$  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 107-8481, Japan

The ASSIGNEE is: (check one) 
An Individual. A Partnership. A Corporation of <u>Japan</u> (specify state or country) (other)

The ASSIGNOR(S), 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;

PATENT REEL: 012000 FRAME: 0283

## THIS IS PAGE 2 OF AN ASSIGNMENT FROM THE INVENTOR(S) TO ASSIGNEE: TOKYO ELECTRON LIMITED INVENTION TITLE: CLEANING PROCESSING METHOD AND CLEANING PROCESSING APPARATUS

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.

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.

Takehiko ORII Name of First Inventor

July 10, 2001 Date

Mitsunori NAKAMORI Name of Second Inventor, if any

Jakekiko Orii Signature Mitsunon Makamori

Signature

July 10, 2001 Date

Name of Third Inventor, if any

Signature

Date

Name of Fourth Inventor, if any

Signature

Date