

10-25-2005

RE



10/17/05

103107024

To the Director of the U.S. Patents and

Documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):
Kazuyuki SUGAWARA

Execution Date(s) September 20, 2005
Additional name of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

2. Name and address of receiving party(ies)

Name: Tokyo Electron Limited
Internal Address: _____

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

City: _____
State: _____
Country: _____ Zip: _____
Additional Name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)
29/236,991

B. Patent No.(s)

10/18/2005 SZEWDIE1 00000051 29236991

40.00 DP

05 FC:8021 Additional numbers attached? Yes No

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

Name: Smith, Gambrell & Russell

Internal Address: _____

Street Address: 1850 M Street, N.W.

Suite 800

City: Washington

State: DC Zip: 20036

Phone Number : (202) 263-4300

Fax Number: (202) 263-4329

Email Address: _____

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 02-4300
Authorized User Name _____

9. Signature :

October 17, 2005

Signature

Date

Michael A. Makuch

Total number of pages including cover sheet, attachments, and documents 3

Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

This assignment agreement is applicable to an invention entitled :

A WAFER-BOAT FOR HEAT-PROCESSING OF SEMICONDUCTOR WAFERS

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 No. 29/236,991 filed August 25, 2005
 - a U.S. patent application based on PCT International Application No. _____ filed _____
(U.S. patent application Serial No. _____)
 - 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 ASSIGNORS referred to in this agreement are the inventors whose signatures appear on page 2 of this Assignment

THE ASSIGNEE referred to in this agreement is:

(name and address)

- TOKYO ELECTRON LIMITED**
- 3-6, Akasaka 5-chome, Minato-Ku**
- Tokyo 107-8481**
- J A P A N**

THE ASSIGNEE is: An Individual.
 A Partnership.
 (state/country) A Corporation of JAPAN
 (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 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; 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 ASSIGNOR(S) 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.

* * * *

Kazuyuki SUGAWARA kazuyuki - Sugawara September 20, 2005
Name of sole or first inventor Signature Date

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