



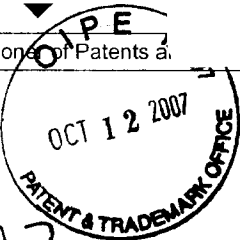
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To the Honorable Commissioner of Patents & Trademarks

103454052

... documents or copy thereof.

1. Name of conveying party(ies) Hisashi INOUE Atsushi ENDO



10.12.07

Additional name of conveying party(ies) attached? [] Yes [X] No

2. Name and address of receiving party(ies)

Name: Tokyo Electron Limited

Internal Address:

Street Address: 3-6, Akasaka 5-Chome

Minato-Ku, Tokyo 107-8481, JAPAN

City: State: Zip:

Additional Name(s) & address(es) attached? [] Yes [X] No

3. Nature of conveyance:

- [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other

Execution Date: July 20, 2007 and July 27, 2007, respectively

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:

A. Patent Application No.(s)

11/882,605

B. Patent No.(s)

Additional numbers attached? [] Yes [X] No

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

Name: Smith, Gambrell & Russell

Internal Address:

Street Address: 1130 Connecticut Avenue, N.W.

Suite 1130

City: Washington State: DC Zip: 20036

6. Total number of applications and patents involved: 1

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

- [X] Enclosed [] Authorized to be charged to deposit account

8. Deposit account number:

02-4300

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

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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.

Dennis C. Rodgers

Name of Person Signing

Signature

October 12, 2007

Date

10/15/2007 SZEWDIE1 00000010 11002605

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48.00 OP

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

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

ASSIGNMENT

This assignment agreement is applicable to an invention entitled:

HEAT PROCESSING APPARATUS FOR SEMICONDUCTOR PROCESS

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 _____, 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 ASSIGNEES referred to in this agreement are:

(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 JAPAN (specify state or country)
- (other)

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



The ASSIGNOR(S), receipt of which is acknowledged, hereby assign(s) the following rights to the ASSIGNEES, their 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 ASSIGNEES as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEES, their successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEES, or their 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 ASSIGNEES, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEES, their 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.

Hisashi INOUE Hisashi Inoue 2007/12/20
Name of sole or first inventor Signature Date

Atsushi ENDO Atsushi Endo 2007/7/27
Name of second inventor Signature Date