T

To the Honorable Commissioner of Patents and Trad.	JU828689 Scuments or copy thereof.	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):	
Tetsu OSAWA	Name: TOKYO ELECTRON LIMITED	
Additional name(s) of conveying party(ies) attached?□ Yes ⊠ No.	Address:	
3. Nature of Conveyance:	3-6 Akasaka 5-chome, Minato-ku, Tokyo 107-8481, Japan	
 ☑ Assignment ☐ Merger ☐ Change of Name ☐ Other 	i. i.	
Execution Date: August 26, 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, th	e execution date of the application is: August 26, 1998	
A. Patent Application No.(s)	B. Patent No.(s)	
Additional number	ers attached? □ Yes 🗷 No	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1	
OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. Attorneys at Law Fourth Floor 1755 Jefferson Davis Highway Arlington, Virginia 22202	7. Total fee (37 CFR 3.41): \$40.00	
PO NOT	(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 in of the original document.	oformation is true and correct and any attached copy is a true copy	
Marvin J. Spivak	Date Date	
Name of Person Signing Signature Registration No. 24,913	Date Total number of pages including cover sheet: 3	
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PATENT REEL: 9441 FRAME: 0493

ASSIGNMENT

In consideration of value received, I, having a post office address at c/o Legal & Intellectual Property Dept., TOKYO ELECTRON LIMITED, 3-6 Akasaka 5-chome, Minato-ku, Tokyo 107-8481, Japan and a residence as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

SINGLE-SUBSTRATE-HEAT-TREATMENT APPARATUS IN SEMICONDUCTOR PROCESSING SYSTEM

said application having been filed on and assigned Serial No.; sell and assign to TOKYO ELECTRON LIMITED a corporation of Japan, having a business address at 3-6 Akasaka 5-chome, Minato-ku, Tokyo 107-8481, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent: (check one)

- imes executed concurrently herewith;
- executed separately herefrom;

and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents. to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invension in all countries.

I hereby grant the following law firm the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark Office for recordation of this document.

Oblon, Spivak, McClelland, Maier & Neustadt, P.C., Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202

> PATENT REEL: 9441 FRAME: 0494

ASSIGNMENT

Inventor: (Signature)	<u>Date</u>	Residence
		4959-9, Tana, Sagamihara-shi.
Tetsu Osang Tetsu Osang	August 26, 1998	Kanagawa-ken, Japan
Tetsu Osawa		

RECORDING OFFICER:

After recording please return to: Oblon. Spivak. McClelland, Maier & Neustadt, P.C.,

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PATENT REEL: 9441 FRAME: 0495