Atty Docket No.:

260504US2



04-19-2005

PARTMENT OF COMMERCE Patent and Trademark Office

FORM PTO-1595 06-04

102983733 To the Director of the United States Patent and Trademark Office. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):	2. Name and address of receiving party(ies):	
Masaki KUROKAWA, Norifumi KIMURA,	Name: TOKYO ELECTRON LIMITED	
Takehiko FUJITA, Yoshikazu FURUSAWA, Katsuhiko KOMORI, Kazuhide HASEBE	Address: 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481, Japan	
Additional name(s) of conveying party(ies) attached? ☐ Yes ■ No		
3. Nature of Conveyance:		
Assignment		
☐ Security Agreement ☐ Change of Name		
☐ Other		
Execution Date: January 20, 2005	Additional name(s) and 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) 10/965,819	B. Patent No.(s)	
Additional numbers attache	ed? ☐ Yes ■ No	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total applications and patents involved: 1	
	7. Total fee (37 CFR 3.41): \$40.00	
Customer Number	Enclosed	
22850	☐ Authorized to be charged to deposit account	
Tel. (703) 413-3000 Fax. (703) 413-2220	8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account)	
DO NOT USE TH	HIS SPACE	
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.	14-1	
Steven P. Weihrouch	efette Jr. APR 1 4 2005	
Name of Person Signing Signature Date  Joseph Scatetta, Jr.		
Registration Number: 32,829 Registration	No. 26,803	
Total number of pages including	g this cover sheet: 3	
Do not detach the	nis portion	
Mail documents to be recorded with required cover sheet informatio	•	
Director of the United States Pat		
Mail Stop Assignment Ro Alexandria, Virg	ecordation Services	

04/15/2005 EEKUBAY1 0000003 10965849 40.00 OP 01 FC:8021

> **PATENT REEL: 016458 FRAME: 0325**

## ASSIGNMENT

In consideration of value received, I, having a mailing address at c/o Intellectual Property Department, 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:

FILM FORMATION METHOD AND APPARATUS FOR SEMICONDUCTOR PROCESS

said application having been filed on October 18, 2004 and assigned Application No. 10/965,819; 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)

[X] 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 invention 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., 1940 Duke Street, Alexandria, VA 22314

PATENT REEL: 016458 FRAME: 0326

Inventor: (Signature)	Date	Residence
Masaki Kurokawa Masaki Kurokawa	JAN. 2 0. 2005	Tokyo, Japan
Morifumi Kimura Norifumi Kimura	JAN. 2 0. 2005	Tokyo, Japan
Takehiko Fujita	<b>JAN.</b> 2 0. 2005	Tokyo, Japan
Yoshikana Furusawa Yoshikazu Furusawa	JAN. 2 0. 2005	Tokyo, Japan
Katsuhiko Komori Katsuhiko Komori	JAN. 2 0. 2005	Tokyo, Japan
Kapuhidu Hasefel Kazuhide Hasebe	JAN. 2 0. 2005	Tokyo, Japan

PATENT REEL: 016458 FRAME: 0327

**RECORDED: 04/14/2005**