04-04-2006 Atty Docket No.: 282316US26 U.S. DEPARTMENT OF COMMERCE FORM PTO-1595 Patent and Trademark Office 103210897 ed original documents or copy thereof. To the Director of the United States Patent and 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Masahiro OGASAWARA TOKYO ELECTRON LIMITED Address: 3-6, Akasaka 5-chome Minato-ku, Tokyo 107-8481 Japan Addianal name(s) of conveying party(ies) attached?

Yes No 3. Nature of Conveyance: Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name Other Additional name(s) and address(es) attached?

Yes No Execution Date: March 22, 2006 4. Application number(s) or patent number(s): This document is being filed together with a new application B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached? ☐ Yes ■ No 5. Name and address of party to whom correspondence 6. Total applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Customer Number Enclosed ☐ Authorized to be charged to deposit account Tel. (703) 413-3000 8. Deposit account number: 15-0030 Fax. (703) 413-2220 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature To the best of my knowledge and belief, the foregoing information is frue and correct and any attached copy is a true copy of the original document. Philip J. Hoffmann Name of Person Signing Date Registration Number: 46,340 Total number of pages including this cover sheet: 3

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Mail documents to be recorded with required cover sheet information to:

PATENT REEL: 017734 FRAME: 0931

Assignment of Application

WHEREAS, I (WE)	Masahiro OGASAWARA of c/o TOKYO ELECTON AT LIMITED, 2381-1, Kitagejo, Fujii-cho,		
	Nirasaki-shi, Yamanashi 407-851		

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		, re	
have invented certain	new and useful improvements in	PLASMA ETCHING METHOD, PLASMA ETCH	ING
APPARATUS, CON	TROL PROGRAM, COMPUTER	RECORDING MEDIUM AND RECRODING MED	IUM
HAVING PROCESS	ING RECIPE RECORDED TH	EREON	
(Application No.		, filed), and

INSERT NAME AND ADDRESS OF COMPANY OR

(hereinafter referred to as "ASSIGNEE") having a place of business at: <u>3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 Japan</u> is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

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Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Mai er & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:	March 22, 2006	(Signature of Inventor) Masahiro OGASAWARA	
		(Signature of Inventor) Masahiro OGASAWARA	
Date:			
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		(Signature of Inventor)	

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