

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Naoki MATSUMOTO</td> <td>12/19/2012</td> </tr> <tr> <td>Wataru YOSHIKAWA</td> <td>12/21/2012</td> </tr> <tr> <td>Yasuhiro SEO</td> <td>01/05/2013</td> </tr> <tr> <td>Kazuyuki KATO</td> <td>12/19/2012</td> </tr> </tbody> </table>		Name	Execution Date	Naoki MATSUMOTO	12/19/2012	Wataru YOSHIKAWA	12/21/2012	Yasuhiro SEO	01/05/2013	Kazuyuki KATO	12/19/2012		
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<table border="1"> <tr> <td>Name:</td> <td>TOKYO ELECTRON LIMITED</td> </tr> <tr> <td>Street Address:</td> <td>3-1 Akasaka 5-chome, Minato-ku</td> </tr> <tr> <td>Internal Address:</td> <td>Akasaka Biz Tower</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>107-6325</td> </tr> </table>		Name:	TOKYO ELECTRON LIMITED	Street Address:	3-1 Akasaka 5-chome, Minato-ku	Internal Address:	Akasaka Biz Tower	City:	Tokyo	State/Country:	JAPAN	Postal Code:	107-6325
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
<p>Fax Number: 2027836031 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 202-783-6040 Email: mshirai@rfem.com Correspondent Name: Rothwell, Figg, Ernst & Manbeck, P.C. Address Line 1: 607 14th Street, N.W. Address Line 2: Suite 800 Address Line 4: Washington, DISTRICT OF COLUMBIA 20005</p>													
ATTORNEY DOCKET NUMBER:	4030-0290US												
NAME OF SUBMITTER:	Steven P. Weihrouch												

CH \$40.00 13728551

Total Attachments: 6

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ASSIGNMENT BY INVENTOR(S) OF PATENT APPLICATION FOR ALL COUNTRIES

BE IT KNOWN THAT, for good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR(S)) by

Name: TOKYO ELECTRON LIMITED

Address: Akasaka Biz Tower, 3-1 Akasaka 5-chome, Minato-ku, Tokyo 107-6325, Japan

(hereinafter ASSIGNEE),

the receipt and adequacy of which is hereby acknowledged, ASSIGNOR(s) hereby sell(s), assign(s) and transfer(s) to ASSIGNEE

all of his/her right, title and interest in, to and under the invention and application entitled (INSERT TITLE HERE):

PLASMA PROCESSING APPARATUS AND PLASMA PROCESSING METHOD

for which application for Letters Patent of the United States ASSIGNOR(S) is/are the sole or a joint inventor and which application was executed on even date herewith or is identified as follows

U.S. Serial No. or PCT Appln. No.: 13/728,551

Filing Date: December 27, 2012

(Rothwell, Figg, Ernst & Manbeck is hereby authorized to insert the series code, serial or application number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained on said application or on any continuation, division, reissue, reexamination or extension thereof and all rights connected therewith, and all applications for Letters Patent which may hereafter be filed for said invention in any country or countries foreign to the United States, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof and all rights of priority in any such country or countries based upon the filing of the said application for Letters Patent of the United States which are created by any law, treaty or international convention, for the full term or terms for which the same may be granted, including all rights to recover damages for any and all past infringement; and

ASSIGNOR(S) agree(s) to execute all papers necessary in connection with said application and any continuing, divisional, reissue or reexamination applications thereof and to execute separate assignments in connection with such applications as ASSIGNEE may deem necessary.

ASSIGNOR(S) agree(s) to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent, reissue patent or reexamination certificate issued thereon and to cooperate with ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

ASSIGNOR(S) covenant(s) that he/she has the full right to convey the entire interest herein assigned and has not executed, and will not execute, any agreement in conflict herewith.

ASSIGNOR(S) acknowledge(s) that ASSIGNEE may appoint any attorney or practitioner of ASSIGNEE'S choice to prosecute any application or other legal proceeding involving said invention and ASSIGNOR(S) further acknowledge(s) that any attorney or practitioner so appointed by ASSIGNEE does not represent ASSIGNOR(S) and that such appointment by ASSIGNEE does not create any attorney-client relationship between ASSIGNOR(S) and any attorney or practitioner appointed by ASSIGNEE.

IN WITNESS WHEREOF, ASSIGNOR(S) has/ have affixed his/her signature below.

Signature: <i>Naoki Matsumoto</i>	Date: <i>Dec. 18, 2012</i>
Typed Name: Naoki MATSUMOTO	
Signature:	Date:
Typed Name: Wataru YOSHIKAWA	
Signature:	Date:
Typed Name: Yasuhiro SEO	
Signature: <i>Kazuyuki KATO</i>	Date: <i>Dec. 19, 2012</i>
Typed Name: Kazuyuki KATO	

NO LEGALIZATION REQUIRED. THIS DOCUMENT MAY BE NOTARIZED IF DESIRED FOR FURTHER PROOF OF EXECUTION.

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Address: Akasaka Biz Tower, 3-1 Akasaka 5-chome, Minato-ku, Tokyo 107-6325, Japan

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IN WITNESS WHEREOF, ASSIGNOR(S) has/ have affixed his/her signature below.

Signature:	Date:
Typed Name: Naoki MATSUMOTO	
Signature: <i>Wataru Yoshikawa</i>	Date: 2012.12.2 /
Typed Name: Wataru YOSHIKAWA	
Signature:	Date:
Typed Name: Yasuhiro SEO	
Signature:	Date:
Typed Name: Kazuyuki KATO	

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Signature:	Date:
Typed Name: Naoki MATSUMOTO	
Signature:	Date:
Typed Name: Wataru YOSHIKAWA	
Signature: <i>Yasuhiro Seo</i>	Date: Jan. 5, 2013
Typed Name: Yasuhiro SEO	
Signature:	Date:
Typed Name: Kazuyuki KATO	

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