

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jianping Zhao</td> <td>09/27/2011</td> </tr> <tr> <td>Lee Chen</td> <td>09/26/2011</td> </tr> <tr> <td>Merritt Funk</td> <td>09/23/2011</td> </tr> <tr> <td>Toshihiko Iwao</td> <td>09/28/2011</td> </tr> <tr> <td>Peter L.G. Ventzek</td> <td>09/28/2011</td> </tr> </tbody> </table>		Name	Execution Date	Jianping Zhao	09/27/2011	Lee Chen	09/26/2011	Merritt Funk	09/23/2011	Toshihiko Iwao	09/28/2011	Peter L.G. Ventzek	09/28/2011
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Application Number:	13249485												
CORRESPONDENCE DATA													
<p>Fax Number: (480)539-2100</p> <p>Phone: (480) 539-2102</p> <p>Email: TEHIPDocket@us.tel.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Tokyo Electron U.S. Holdings, Inc.</p> <p>Address Line 1: 2545 W. Frye Rd.</p> <p>Address Line 2: Suite 1</p> <p>Address Line 4: Chandler, ARIZONA 85224</p>													
ATTORNEY DOCKET NUMBER:	TEA-071												

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PATENT
 REEL: 026996 FRAME: 0475

NAME OF SUBMITTER:

James Klekotka

Total Attachments: 3

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ASSIGNMENT OF INVENTION AND PATENTS THEREON

For valuable consideration, I/we, **Jianping Zhao, Lee Chen, Merritt Funk, Toshihiko Iwao, Peter L.G. Ventzek**, hereby assign to **Tokyo Electron Limited**, a Corporation of Japan and having a place of business at **Akasaka Biz Tower, 3-1 Akasaka 5-chome, Minato-ku, Tokyo 107-6325, Japan**, and its successors and assigns (collectively hereinafter called "the Assignee"), my entire right, title and interest throughout the world in the inventions and improvements which are subject of an application of United States Patent entitled **Plasma Tuning Rods in Microwave Processing Systems**, and filed on **09/30/2011** as Patent Application No. **13/249485** to obtaining Letters Patent of the United States therefore, this assignment including said application, any continuation, division or continuation-in-part thereof and/or substituted therefore, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and agree for myself and my heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment. I hereby authorize and request that any one of the attorneys or agents of **Tokyo Electron U.S. Holdings, 2400 Grove Boulevard, Austin, Texas 78741**, to insert herein the filing date and application serial number of said application when known.

Inventor's Signature: *Jianping Zhao* Date: *9/27/2011*


Full Name: **Jianping Zhao**

Residence: **4045 Linkwood Drive, Apt. 711, Houston, Texas 77025 USA**
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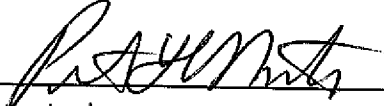
Inventor's Signature: *Lee Chen* Date: *9/26/2011*

Full Name: **Lee Chen**

Residence: **383 Colorado Drive, Cedar Creek, Texas 78612 USA**

Inventor's Signature:  Date: 9/23/11
Full Name: Merritt Funk
Residence: 8412 Silver Mountain Cove, Austin, Texas 78737 USA

Inventor's Signature: _____ Date: _____
Full Name: Toshihiko Iwao
Residence: c/o Tokyo Electron Limited, Akasaka Biz Tower, 3-1 Akasaka 5-chome,
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Inventor's Signature:  Date: 9/28/11
Full Name: Peter L.G. Ventzek
Residence: 10843 Redmond Road, Austin, Texas 78739 USA

Attorney Docket No. TEA-071

Inventor's Signature: _____ Date: _____

Full Name: Merritt Funk

Residence: 8412 Silver Mountain Cove, Austin, Texas 78737 USA

Inventor's Signature: 岩間 俊新 Date: 2011-9-28

Full Name: Toshihiko Iwao

Residence: c/o Tokyo Electron Limited, Akasaka Biz Tower, 3-1 Akasaka 5-chome,
Minato-ku, Tokyo 107-6325, Japan

Inventor's Signature: _____ Date: _____

Full Name: Peter L.G. Ventzek

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