

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Lee Chen</td> <td>08/20/2009</td> </tr> <tr> <td>Jianping Zhao</td> <td>08/05/2009</td> </tr> <tr> <td>Ronald V. Bravenec</td> <td>08/06/2009</td> </tr> <tr> <td>Merritt Funk</td> <td>08/10/2009</td> </tr> </tbody> </table>		Name	Execution Date	Lee Chen	08/20/2009	Jianping Zhao	08/05/2009	Ronald V. Bravenec	08/06/2009	Merritt Funk	08/10/2009
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Lee Chen	08/20/2009										
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<b>RECEIVING PARTY DATA</b>											
Name:	Tokyo Electron Limited										
Street Address:	Akasaka Biz Tower, 3-1 Akasaka 5-chome										
City:	Minato-ku, Tokyo										
State/Country:	JAPAN										
Postal Code:	107-6325										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12555080</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12555080						
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Application Number:	12555080										
<b>CORRESPONDENCE DATA</b>											
Fax Number:	(480)539-2100										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	(480) 539-2102										
Email:	TEHIPDocket@us.tel.com										
Correspondent Name:	Tokyo Electron U.S. Holdings, Inc.										
Address Line 1:	4350 West Chandler Blvd.										
Address Line 2:	Suite 10/11										
Address Line 4:	Chandler, ARIZONA 85226										
ATTORNEY DOCKET NUMBER:	TEA-044										
NAME OF SUBMITTER:	Eric Strang										

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Total Attachments: 2

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ASSIGNMENT OF INVENTION AND PATENTS THEREON

For valuable consideration, I/we, **Lee CHEN, Jianping ZHAO, Ronald V. BRAVENEC, and Merritt FUNK**, 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 **STABLE SURFACE WAVE PLASMA SOURCE**, and filed on <sup>9/8/</sup>2009 as Patent Application No. <sup>12/</sup>555080 preparatory 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:  Date: 8/20/2009

Full Name: Lee CHEN

Residence: 383 Colorado Drive, Cedar Creek, TX 78612

Inventor's Signature:  Date: Aug. 5. 2009

Full Name: Jianping ZHAO

Residence: 4045 Linkwood Drive, Apt. 711, Houston, TX 77025

Inventor's Signature: Ronald Bravenec Date: 8/6/09

Full Name: Ronald V. BRAVENEK

Residence: 503 Lockhart Drive, Austin, TX 78704

Inventor's Signature: Merritt Funk Date: 8/10/09

Full Name: Merritt FUNK

Residence: 8412 Silver Mountain Cove, Austin, TX 78709