

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Hongyu H. Yue</td> <td>02/01/2010</td> </tr> <tr> <td>Junjun Liu</td> <td>02/01/2010</td> </tr> <tr> <td>Dorel I. Toma</td> <td>02/01/2010</td> </tr> </tbody> </table>		Name	Execution Date	Hongyu H. Yue	02/01/2010	Junjun Liu	02/01/2010	Dorel I. Toma	02/01/2010		
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Tokyo Electron Limited</td> </tr> <tr> <td>Street Address:</td> <td>Akasaka Biz Tower, 3-1 Akasaka 5-chome</td> </tr> <tr> <td>City:</td> <td>Minato-ku, 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:	Akasaka Biz Tower, 3-1 Akasaka 5-chome	City:	Minato-ku, Tokyo	State/Country:	JAPAN	Postal Code:	107-6325
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PROPERTY NUMBERS Total: 1											
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Application Number:	12697985										
CORRESPONDENCE DATA											
<p>Fax Number: (480)530-2100</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (480) 539-2102</p> <p>Email: TEHIPDocket@us.tel.com</p> <p>Correspondent Name: Tokyo Electron U.S. Holdings, Inc.</p> <p>Address Line 1: 4350 West Chandler Blvd.</p> <p>Address Line 2: Suite 10/11</p> <p>Address Line 4: Chandler, ARIZONA 85226</p>											
ATTORNEY DOCKET NUMBER:	TDC-020										
NAME OF SUBMITTER:	Eric Strang										
<p>Total Attachments: 2</p> <p>source=TDC-020_PRI_assign2#page1.tif</p>											

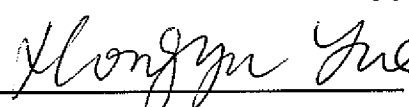
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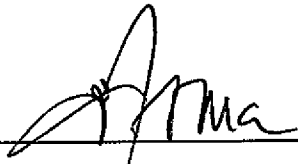
ASSIGNMENT OF INVENTION AND PATENTS THEREON

For valuable consideration, I/we, **Hongyu H. YUE, Junjun LIU, and Dorel I. TOMA**, 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 **ELECTROCHEMICAL SUBSTRATE SLICING USING ELECTROMAGNETIC WAVE EXCITATION**, and filed on ^{2/1/}₂₀₁₀ as Patent Application No. ^{12/}₆₉₇₉₈₅ 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: 2/1/10
Full Name: Hongyu H. YUE
Residence: 2333 Hunters Run Road, Plano, TX 75025

Inventor's Signature:  Date: 02/01/10
Full Name: Junjun LIU
Residence: 10713 Pall Mall Drive, Austin, TX 78748

Inventor's Signature: _____



Date: _____

02/01/10

Full Name: Dorel I. TOMA

Residence: 1036 Canyon View Road, Dripping Springs, TX 78620