

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT										
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Tadahiro Ishizaka</td> <td>12/17/2007</td> </tr> <tr> <td>Kentaro Asakura</td> <td>12/25/2007</td> </tr> <tr> <td>Masanao Ando</td> <td>12/17/2007</td> </tr> <tr> <td>Toshio Hasegawa</td> <td>12/17/2007</td> </tr> </tbody> </table>		Name	Execution Date	Tadahiro Ishizaka	12/17/2007	Kentaro Asakura	12/25/2007	Masanao Ando	12/17/2007	Toshio Hasegawa	12/17/2007
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Kentaro Asakura	12/25/2007										
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Toshio Hasegawa	12/17/2007										
<b>RECEIVING PARTY DATA</b>											
<b>Name:</b>	Tokyo Electron Limited										
<b>Street Address:</b>	TPS Broadcast Center, 3-6 Akasaka 5-chome										
<b>City:</b>	Minato-ku, Tokyo										
<b>State/Country:</b>	JAPAN										
<b>Postal Code:</b>	107-8481										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11968369</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11968369						
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Application Number:	11968369										
<b>CORRESPONDENCE DATA</b>											
<b>Fax Number:</b>	(480)539-2100										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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<b>ATTORNEY DOCKET NUMBER:</b>	TTCA-233										
<b>NAME OF SUBMITTER:</b>	Audunn Ludviksson										
Total Attachments: 4											

**CH \$40.00 11968369**

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**PATENT  
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ASSIGNMENT OF INVENTION AND PATENTS THEREON

For valuable consideration, I/we, **Tadahiro Ishizaka, Kentaro Asakura, Masanao Ando, and Toshio Hasegawa**, hereby assign to **Tokyo Electron Limited**, a Corporation of Japan and having a place of business at **TBS Broadcast Center, 3-6 Akasaka 5-chome, Minato-Ku, Tokyo 107-8481 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 **METHOD FOR IN-SITU REFURBISHING A CERAMIC SUBSTRATE HOLDER**, and filed on 1/2/2008 as Patent Application No. 11/968369 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: Tadahiro Ishizaka Date: Dec. 17/07  
Full Name: Tadahiro Ishizaka  
Residence: 305 Beryl Way, Watervliet, NY 12189, US

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Full Name: Kentaro Asakura  
Residence: 2330-6 Shinohara, Kai-Shi, Yamanashi-ken, Japan, 400-0115

Inventor's Signature: Masan Ando Date: Dec/17/2007  
Full Name: Masanao Ando  
Residence: 7 Fox Hollow, Rensselaer, NY 12144, US

Inventor's Signature: Toshio Hasegawa Date: Dec./17/07  
Full Name: Toshio Hasegawa  
Residence: 59 Mansion Blvd, Apt. J, Delmar, NY 12054, US

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