

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>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Lee Chen</td> <td>12/05/2007</td> </tr> <tr> <td>Lin Xu</td> <td>12/05/2007</td> </tr> </tbody> </table>		Name	Execution Date	Lee Chen	12/05/2007	Lin Xu	12/05/2007
Name	Execution Date						
Lee Chen	12/05/2007						
Lin Xu	12/05/2007						
RECEIVING PARTY DATA							
Name:	Tokyo Electron Limited						
Street Address:	TBS Broadcast Center, 3-6 Akasaka 5-chome						
City:	Minato-Ku, Tokyo						
State/Country:	JAPAN						
Postal Code:	107-8481						
PROPERTY NUMBERS Total: 1							
<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>11951861</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11951861		
Property Type	Number						
Application Number:	11951861						
CORRESPONDENCE DATA							
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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NAME OF SUBMITTER:	Eric Strang						
Total Attachments: 2 source=TTCA-247_PRI_assign2#page1.tif source=TTCA-247_PRI_assign2#page2.tif							

CH \$40.00 11951861

ASSIGNMENT OF INVENTION AND PATENTS THEREON

For valuable consideration, I/we, **Lee CHEN**, 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 **SUPPRESSOR OF HOLLOW CATHODE DISCHARGE IN A SHOWER HEAD FLUID DISTRIBUTION SYSTEM**, and filed on ^{12/6/}2007 as Patent Application No. ^{11/}951861 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: _____


Full Name: Lee CHEN

Residence: 383 Colorado Drive, Cedar Creek, TX, 78612

ASSIGNMENT OF INVENTION AND PATENTS THEREON

For valuable consideration, I/we, **Lin XU**, 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 **SUPPRESSOR OF HOLLOW CATHODE DISCHARGE IN A SHOWER HEAD FLUID DISTRIBUTION SYSTEM**, and filed on ^{12/6/}2007 as Patent Application No. ^{11/}951861 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: _____

12/5/07

Full Name: Lin XU

Residence: 4139 Bellaire Blvd., Houston, TX 77025