

**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>Asao Yamashita</td> <td>05/31/2007</td> </tr> <tr> <td>Merritt Funk</td> <td>06/01/2007</td> </tr> <tr> <td>Daniel Prager</td> <td>05/31/2007</td> </tr> <tr> <td>Radha Sundararajan</td> <td>06/06/2007</td> </tr> <tr> <td>Lee Chen</td> <td>06/06/2007</td> </tr> </tbody> </table>		Name	Execution Date	Asao Yamashita	05/31/2007	Merritt Funk	06/01/2007	Daniel Prager	05/31/2007	Radha Sundararajan	06/06/2007	Lee Chen	06/06/2007
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Radha Sundararajan	06/06/2007												
Lee Chen	06/06/2007												
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<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><b>Application Number:</b></td> <td>11762563</td> </tr> </tbody> </table>		Property Type	Number	<b>Application Number:</b>	11762563								
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<b>Application Number:</b>	11762563												
<b>CORRESPONDENCE DATA</b>													
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<b>NAME OF SUBMITTER:</b>	James E Klekotka												

**CH \$40.00 11762563**

**PATENT**

**500295500**

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Total Attachments: 5

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ASSIGNMENT OF INVENTION AND PATENTS THEREON

For valuable consideration, I/we, **Asao Yamashita, Merritt Funk, Daniel Prager, Radha Sundararajan, 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 **Method and Apparatus for Creating a Gate Optimization Evaluation Library**, and filed on \_\_\_\_\_ as Patent Application No.

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: Asao Yamashita Date: 5/31/07

Full Name: Asao Yamashita

Residence: 734 Huntington Drive, Fishkill, New York 12524 USA

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Full Name: Merritt Funk

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

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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.**

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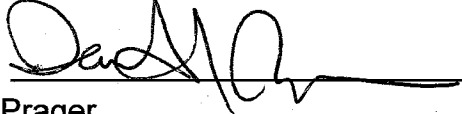
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Inventor's Signature:  Date: 6/1/07

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Atty Ref: ES-129

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