**PATENT ASSIGNMENT**

Electronic Version v1.1  
Stylesheet Version v1.1

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<tr>
<th>SUBMISSION TYPE:</th>
<th>NEW ASSIGNMENT</th>
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<td>NATURE OF CONVEYANCE:</td>
<td>ASSIGNMENT</td>
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**CONVEYING PARTY DATA**

<table>
<thead>
<tr>
<th>Name</th>
<th>Execution Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yuepeng Wan</td>
<td>04/21/2006</td>
</tr>
<tr>
<td>Santhana Raghavan Parthasarathy</td>
<td>04/21/2006</td>
</tr>
<tr>
<td>Carl Chartier</td>
<td>04/21/2006</td>
</tr>
<tr>
<td>Adrian Servini</td>
<td>04/20/2006</td>
</tr>
<tr>
<td>Chandra P. Khattak</td>
<td>04/21/2006</td>
</tr>
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**RECEIVING PARTY DATA**

<table>
<thead>
<tr>
<th>Name:</th>
<th>GT EQUIPMENT TECHNOLOGIES, INC.</th>
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<tbody>
<tr>
<td>Street Address:</td>
<td>243 Daniel Webster Highway</td>
</tr>
<tr>
<td>City:</td>
<td>Merrimack</td>
</tr>
<tr>
<td>State/Country:</td>
<td>NEW HAMPSHIRE</td>
</tr>
<tr>
<td>Postal Code:</td>
<td>03054</td>
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**PROPERTY NUMBERS Total: 1**

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<tr>
<th>Property Type</th>
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<tr>
<td>Application Number:</td>
<td>11413425</td>
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</table>

**CORRESPONDENCE DATA**

Fax Number: (603)886-4796  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Phone: 603-886-6100  
Email: Patents@MaineandAsmus.com  
Correspondent Name: Vernon C. Maine  
Address Line 1: Maine & Asmus, PO Box 3445  
Address Line 4: Nashua, NEW HAMPSHIRE 03061-3445

**ATTORNEY DOCKET NUMBER:** GT015-US

**NAME OF SUBMITTER:** Vernon C. Maine
ASSIGNMENT

We, the undersigned individuals, have invented a method and apparatus entitled INCREASED POLYSILICON DEPOSITION IN A CVD REACTOR, (Att'y Dkt. No. GT015) and having on the 20th day of April, 2006, executed applications for patent as inventors, (and we hereby authorize our attorney to prosecute said application and to here insert the filing date and serial number of said application when known, US Application Serial No. 11/1413,425, filed on the 25th day of April, 2006; PCT Application Serial No. , filed on the day of , 200_ ) describing the same and based thereon, for good and valuable consideration, receipt of which is hereby acknowledged from GT EQUIPMENT TECHNOLOGIES INC., a Delaware entity, hereinafter called Assignee (which term shall include its successors and assigns) do hereby sell, assign and transfer unto Assignee our entire right, title, and interest as inventors, in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto, in and to and under said application (which term shall include hereinafter where the context so admits all divisional, continuing, reissue and other patent applications based thereon) and the inventions (which term shall include each and every such invention, or any part thereof) therein described, and any and all patents and like rights of exclusion (including extensions thereof) of any country which may be granted on or for said inventions or on said application,

And for the same consideration we do also hereby sell, assign and transfer unto the Assignee all our rights under the International Convention for the Protection of Industrial Property and all other treaties of like purpose in respect of said inventions and said applications and we do hereby authorize Assignee to apply in our names for patents and like rights of exclusion on or for said inventions in all countries, claiming (if Assignee so desires) the priority of the filing date of said application under provisions of said Convention or any such other treaty;

And for the same consideration we do hereby agree for ourselves and for our respective heirs, executors and administrators, promptly upon request of the Assignee, to execute and deliver without further compensation any power of attorney, assignment, original, divisional, continuing, reissue or other application or applications for patent or patents or like rights of exclusion of any country, or other lawful documents and any further assurances that may be deemed necessary or desirable by Assignee to fully to secure to it our said right, title, and interest as aforesaid in and to said inventions, application, and said several patents and like rights of exclusion, or any of them;

And we do hereby authorize and request the Commissioner of Patents of the United States of America and corresponding Officer of each country foreign thereto to issue to the Assignee any and all patents and like rights of exclusion which may be granted in any country upon said application or on or for said inventions,

And we do hereby covenant for ourselves and for our respective legal representatives and agree with Assignee that we have granted no right or license to make, use or sell said inventions to anyone except the Assignee, that prior to the execution of this deed our right, title and interest in and to said inventions as the inventor has not been otherwise encumbered, and that we have not executed and will not execute any instrument in conflict herewith.

ASSIGNMENT SIGNATURE PAGE(S) ATTACHED

Assignment, page 1 of 2
ASSIGNMENT SIGNATURE PAGE # of

OFFICIAIY REPEAT THIS PAGE AS OFTEN AS NECESSARY TO OBTAIN ALL SIGNATURES)

TITLE: INCREASED POLYSILICON DEPOSITION IN A CVD REACTOR

ATTY DKT NO. G7005

IN WITNESS of these grants and covenants of Assignment, made by us in favor of

(Assignee) G.T. EQUIPMENT TECHNOLOGIES INC,

we hereunto set our hands and seals.

#1 Yuepeng Wan

#2 Santhana Raghavan Parthasarathy

#3 Carl Chartier

#4 Adrian Servini

#5 Chandra P. Khattak

State of

County of

Before me this ___ day of __________, 2006, Yuepeng Wan, Santhana Raghavan Parthasarathy, Carl Chartier, Adrian Servini, Chandra P. Khattak, personally appeared or provided satisfactory identification and acknowledged the foregoing instrument to be their free act and deed.

SEAL:

Notary Public/Justice of the Peace

Assignment, page 2 of 2

RECORDED: 05/31/2006

PATENT

REEL: 017699 FRAME: 0827