

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>Paul J. Timans</td> <td>06/08/2007</td> </tr> <tr> <td>Conor Patrick O'Carroll</td> <td>06/12/2007</td> </tr> <tr> <td>Rudy Cardema</td> <td>06/08/2007</td> </tr> <tr> <td>Igor Fidelman</td> <td>06/11/2007</td> </tr> <tr> <td>Sing-Pin Tay</td> <td>06/08/2007</td> </tr> <tr> <td>Yao Zhi Hu</td> <td>06/08/2007</td> </tr> <tr> <td>Daniel J. Devine</td> <td>06/12/2007</td> </tr> </tbody> </table>		Name	Execution Date	Paul J. Timans	06/08/2007	Conor Patrick O'Carroll	06/12/2007	Rudy Cardema	06/08/2007	Igor Fidelman	06/11/2007	Sing-Pin Tay	06/08/2007	Yao Zhi Hu	06/08/2007	Daniel J. Devine	06/12/2007
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RECEIVING PARTY DATA																	
Name:	Mattson Technology, Inc.																
Street Address:	47131 Bayside Parkway																
City:	Fremont																
State/Country:	CALIFORNIA																
Postal Code:	94538																
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>11784503</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11784503												
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CORRESPONDENCE DATA																	
Fax Number:	(864)233-7342																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone:	864-271-1592																
Email:	docketing@dority-manning.com																
Correspondent Name:	Dority & Manning, P.A.																
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Address Line 4:	Greenville, SOUTH CAROLINA 29602																
ATTORNEY DOCKET NUMBER:	AGX-145																

OP \$40.00 11784503

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**PATENT
 REEL: 022602 FRAME: 0791**

NAME OF SUBMITTER:

Timothy A. Cassidy

Total Attachments: 6

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ATTORNEY DOCKET NO.: AGX-145**ASSIGNMENT**

WHEREAS, WE, Paul J. Timans, a citizen of the United Kingdom, residing at 1538 Canna Court, Mountain View, California 94043; Conor Patrick O'Carroll, a citizen of the United States, residing at 605 W. Kent Avenue, Vancouver BC, Canada V6P 6T7; Rudy Cardema, a citizen of the United States, residing at 1538 Wharten Court, San Jose, California 95132; Sing-Pin Tay, a citizen of Canada, residing at 45970 Tissiack Place, Fremont, California 94539; Yao Zhi Hu, a citizen of China, residing at 2576 Lady Palm Court, San Jose, California 95133; and Daniel J. Devine, a citizen of the United States, residing at 108 Newall Avenue, Los Gatos, California 95032, hereinafter referred to as the "Inventors", have jointly invented a certain new and useful improvements in "Method and System for Thermally Processing a Plurality of Wafer-Shaped Objects" as described and set forth in an application for Letters Patent of the United States of America, as filed April 6, 2007, and assigned USSN 11/784,503;

AND WHEREAS, Mattson Technology, Inc., hereinafter referred to as the "said COMPANY", a corporation duly organized, incorporated and existing under the laws of California, and having a place of business at 47131 Bayside Parkway, Fremont, California 94538, is desirous of acquiring or confirming its ownership of the entire right, title and interest in and to said invention, inventions or improvements, and in and to said application, and in and to any and all patents, both of the United States and of all foreign countries, that may be obtained therefore;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that we, the Inventors, for good and valuable consideration, the receipt and sufficiency of which we hereby acknowledge, have sold, assigned, transferred and conveyed, and by this Assignment, do

sell, assign, transfer and convey, unto said COMPANY, its successors and assigns, the entire right, title and interest throughout the world, in and to our invention, inventions or improvements described or set forth in said application, in any form or embodiment thereof, and in and to said application, and in and to any applications filed in any foreign country based thereon, including the right to file foreign applications under the provisions of any convention or treaty; and in and to any confirmation, divisional, continuation, continuation-in-part or substitute application which may be filed on said invention, inventions or improvements in the United States or in any foreign country; and in and to any and all patents, certificates, utility models, reissues, extensions, additions or confirmations thereof which may be granted in the United States or in any foreign country upon said invention, inventions or improvements, TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions, or improvements.

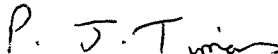
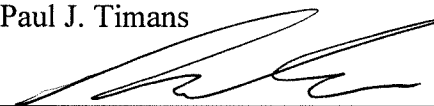

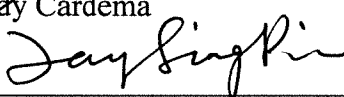
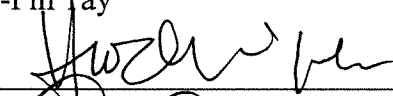

AND we do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said COMPANY, its successors and assigns, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said COMPANY, its successors and assigns.

AND we do hereby covenant and warrant that we have full right to convey the entire right, title and interest herein assigned free and clear of all license, encumbrances and liens whatsoever, and that we have not executed and will not execute any instruments in conflict herewith.

AND we, for the consideration aforesaid, do hereby covenant and agree to and with the said COMPANY, its successors and assigns, that we, our heirs, executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful

oaths, and make, execute and deliver any and all other instruments in writing, and any and all further applications, papers, power, affidavits, assignments, disclaimers and other documents, which in the opinion of counsel for said COMPANY, its successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure to and vest in said COMPANY, its successors and assigns, the entire right, title and interest in and to said invention, inventions or improvements, application or applications, patents, rights, titles, benefits, privileges and advantages hereby sold, assigned, confirmed, transferred and conveyed.

IN WITNESS WHEREOF, the Assignors have executed this document on the date indicated below:

 _____	Date: <u>8 JUN 07</u>
Paul J. Timans	
 _____	Date: <u>12 JUN 07</u>
Conor Patrick O'Carroll	
 _____	Date: <u>JUNE 8, 2007</u>
Rudy Cardema	
 _____	Date: <u>8 June 2007</u>
Sing-Pin Tay	
 _____	Date: <u>6/8/2007</u>
Yao Zhi Hu	
 _____	Date: <u>6-12-2007</u>
Daniel J. Devine	

ATTORNEY DOCKET NO.: AGX-145**ASSIGNMENT**

WHEREAS, WE, Igor Fidelman, a citizen of the United States, residing at 71 Leeds Court East, Danville, California 94526, hereinafter referred to as the “Inventors”, have jointly invented a certain new and useful improvements in “Method and System for Thermally Processing a Plurality of Wafer-Shaped Objects” as described and set forth in an application for Letters Patent of the United States of America, as filed April 6, 2007, and assigned USSN 11/784,503;

AND WHEREAS, Mattson Technology, Inc., hereinafter referred to as the “said COMPANY”, a corporation duly organized, incorporated and existing under the laws of California, and having a place of business at 47131 Bayside Parkway, Fremont, California 94538, is desirous of acquiring or confirming its ownership of the entire right, title and interest in and to said invention, inventions or improvements, and in and to said application, and in and to any and all patents, both of the United States and of all foreign countries, that may be obtained therefore;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that we, the Inventors, for good and valuable consideration, the receipt and sufficiency of which we hereby acknowledge, have sold, assigned, transferred and conveyed, and by this Assignment, do sell, assign, transfer and convey, unto said COMPANY, its successors and assigns, the entire right, title and interest throughout the world, in and to our invention, inventions or improvements described or set forth in said application, in any form or embodiment thereof, and in and to said application, and in and to any applications filed in any foreign country based thereon, including the right to file foreign applications under the provisions of any convention or treaty; and in and

to any confirmation, divisional, continuation, continuation-in-part or substitute application which may be filed on said invention, inventions or improvements in the United States or in any foreign country; and in and to any and all patents, certificates, utility models, reissues, extensions, additions or confirmations thereof which may be granted in the United States or in any foreign country upon said invention, inventions or improvements, TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions, or improvements.

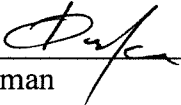
AND we do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said COMPANY, its successors and assigns, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said COMPANY, its successors and assigns.

AND we do hereby covenant and warrant that we have full right to convey the entire right, title and interest herein assigned free and clear of all license, encumbrances and liens whatsoever, and that we have not executed and will not execute any instruments in conflict herewith.

AND we, for the consideration aforesaid, do hereby covenant and agree to and with the said COMPANY, its successors and assigns, that we, our heirs, executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful oaths, and make, execute and deliver any and all other instruments in writing, and any and all further applications, papers, power, affidavits, assignments, disclaimers and other documents, which in the opinion of counsel for said COMPANY, its successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure to and vest in said COMPANY, its successors and assigns, the entire right, title and interest in and to said invention,

inventions or improvements, application or applications, patents, rights, titles, benefits, privileges and advantages hereby sold, assigned, confirmed, transferred and conveyed.

IN WITNESS WHEREOF, the Assignors have executed this document on the date indicated below:

Igor Fidelman  Date: 6/11/07