

PATENT ASSIGNMENT

Electronic Version v1.1

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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 style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Tadd Hohlfelder</td> <td>06/29/2009</td> </tr> <tr> <td>Brad Moran</td> <td>06/26/2009</td> </tr> <tr> <td>Rubin Matthews</td> <td>06/26/2009</td> </tr> <tr> <td>Thomas Gannon</td> <td>06/29/2009</td> </tr> </tbody> </table>		Name	Execution Date	Tadd Hohlfelder	06/29/2009	Brad Moran	06/26/2009	Rubin Matthews	06/26/2009	Thomas Gannon	06/29/2009
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>TTM Technologies, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>2630 South Harbor Boulevard</td> </tr> <tr> <td>City:</td> <td>Santa Ana</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>92704</td> </tr> </table>		Name:	TTM Technologies, Inc.	Street Address:	2630 South Harbor Boulevard	City:	Santa Ana	State/Country:	CALIFORNIA	Postal Code:	92704
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CORRESPONDENCE DATA											
<p>Fax Number: (310)586-0281</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 310-586-7700</p> <p>Email: simpsonk@gtlaw.com</p> <p>Correspondent Name: GREENBERG TRAUIG LLP (LA)</p> <p>Address Line 1: 2450 COLORADO AVENUE, SUITE 400E</p> <p>Address Line 2: INTELLECTUAL PROPERTY DEPARTMENT</p> <p>Address Line 4: SANTA MONICA, CALIFORNIA 90404</p>											
ATTORNEY DOCKET NUMBER:	047406-017900										
NAME OF SUBMITTER:	Charles Berman										

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PATENT
REEL: 022889 FRAME: 0720

Total Attachments: 3

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ASSIGNMENT

WHEREAS, WE, **Tadd Hohlfelder**, residing at S 4300 Oak Knoll Road, Fall Creek, Wisconsin 54742; **Brad Moran**, residing at 19021 70th Avenue, Chippewa Falls, Wisconsin 54729; **Rubin Matthews**, residing at 16626 Hwy 178, Jim Falls, Wisconsin 54748; and **Thomas Gannon**, residing at 221 W. Cedar Street, Chippewa Falls, Wisconsin 54729; the undersigned inventors and the ASSIGNORS herein, have invented **A SYSTEM FOR FILLING HOLES IN A PRINTED CIRCUIT BOARD WITH A FLUID FILL MATERIAL**, for which we have filed an application for Letters Patent of the United States on June 29, 2009, as Application Serial No. 12/494,235, and of which inventions and improvements we are the joint owners; and

WHEREAS, **TTM Technologies, Inc.**, a corporation organized and existing under the laws of the State of Delaware, having a place of business at 2630 South Harbor Boulevard, Santa Ana, California 92704, the ASSIGNEE herein, desires to acquire the entire right, title and interest in and to said inventions, applications and Letters Patent to be granted and issued thereon;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) by the ASSIGNEE to each of us paid, and other valuable consideration, the receipt and legal sufficiency of all of which is hereby acknowledged, we, the said ASSIGNORS, have sold and do hereby sell, assign, transfer and set over unto said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said inventions and all improvements thereon, in and to said application for Letters Patent thereon, in and to applications pertaining to or based upon said inventions and applications, including divisional applications, continuing applications, continuations-in-part applications, international patent applications before any international body, and in and to any and all Letters Patent which may be granted and issued on said inventions and applications, or any of them, not only for, to and in the United States of America, its territories and possessions, but for, to and in all countries foreign thereto, together with and including all priority rights based upon any and all applications in the United States of America covered by this Assignment.

And for the above-named considerations, we do hereby agree that we will, at the request of said ASSIGNEE, execute any and all applications for Letters Patent for said inventions and any and all other papers and documents and do all other and further lawful acts that said ASSIGNEE may deem necessary or desirable to obtain Letters Patent on said inventions, to secure the grant of such Letters Patent and to perfect and vest in the ASSIGNEE the entire right, title and interest in the inventions, applications and Letters Patent.

And for the above-named considerations, we do hereby authorize and empower the ASSIGNEE, its successors and assigns, to apply for and obtain, in its or their own names, Letters Patent for the said inventions before competent International Authorities and in any and all countries foreign to the United States in which applications for Letters Patent can be so made or Letters Patent so obtained.

Dated: June 29, 2009

By 
TADD HOHLFELDER

Witnessed By:

signature _____
name: _____
address: _____

Witnessed By:


signature _____
name: _____
address: 970 A 24th St.
Chetek, WI 54725

Dated: June 24, 2009

By 
BRAD MORAN

Witnessed By:

signature _____
name: _____
address: _____

Witnessed By: 
signature _____
name: SHERILYN HUNT
address: 2332 E Princeton Ave
Fox Claire WI 54703

[signatures continued on following page]

[signatures continued from previous page]

Dated: June 26, 2009

By *Rubi Matthews*
RUBIN MATTHEWS

Witnessed By:

signature
name: _____
address: _____

Witnessed By: *Sherilyn Hunt*
signature
name: SHERILYN HUNT
address: 2732 E Princeton Ave
Lawrenceville GA 30043

Dated: June 29, 2009

By *Thomas P. Gannon*
THOMAS GANNON

Witnessed By:

signature
name: _____
address: _____

Witnessed By: *Jim Augustine*
signature
name: JIM AUGUSTINE
address: E 7796 640TH AVE
ELK MOUND, WI 54739

IF NOT WITNESSED, THIS ASSIGNMENT SHOULD BE SIGNED BEFORE A NOTARY PUBLIC TO PROVIDE PROOF OF SIGNATURE WHICH IS OFTEN REQUIRED IN SOME JURISDICTIONS

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