

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>David R. Sigler</td> <td>09/13/2012</td> </tr> <tr> <td>Michael J. Karagoulis</td> <td>09/14/2012</td> </tr> </tbody> </table>		Name	Execution Date	David R. Sigler	09/13/2012	Michael J. Karagoulis	09/14/2012						
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<table border="1"> <tr> <td>Name:</td> <td>GM GLOBAL TECHNOLOGY OPERATIONS LLC</td> </tr> <tr> <td>Street Address:</td> <td>300 RENAISSANCE CENTER</td> </tr> <tr> <td>Internal Address:</td> <td>MAIL CODE 482-C23-B21; P.O. BOX 300</td> </tr> <tr> <td>City:</td> <td>DETROIT</td> </tr> <tr> <td>State/Country:</td> <td>MICHIGAN</td> </tr> <tr> <td>Postal Code:</td> <td>48265-3000</td> </tr> </table>		Name:	GM GLOBAL TECHNOLOGY OPERATIONS LLC	Street Address:	300 RENAISSANCE CENTER	Internal Address:	MAIL CODE 482-C23-B21; P.O. BOX 300	City:	DETROIT	State/Country:	MICHIGAN	Postal Code:	48265-3000
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CORRESPONDENCE DATA													
Fax Number:	2486894071												
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
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ATTORNEY DOCKET NUMBER:	GP-308819-DIV2-RD-SDJ												
NAME OF SUBMITTER:	Michael J. Druzinski												
Total Attachments: 1 source=AssignmentGP-308819DIV2RDSJ#page1.tif													

CH \$40.00 13617166

PATENT

**ASSIGNMENT**

Pursuant to an agreement with my employer, I formally assign to GM GLOBAL TECHNOLOGY OPERATIONS LLC, the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application GP-308819-DIV2-RD-SDJ entitled

**CUTTING TOOL FOR FORMING AND RE-FORMING WELDING ELECTRODES WITH  
CONTOURED FACES**

for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 60770 to insert the application number and filing date of said application here in parentheses ( 13/617,166 filed 09/14/2012 ) when known.

This application is a division of Serial No. 11/536,001 filed on September 28, 2006.

Inventor's signature David R. Sigler Date 9/13/12

Full name : DAVID R. SIGLER

Residence : SHELBY TOWNSHIP, MICHIGAN

Inventor's signature Michael J. Karagoulis Date 9/14/12

Full name : MICHAEL J. KARAGOULIS

Residence : OKEMOS, MICHIGAN