

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Mark D. Gugel</td> <td>03/29/2012</td> </tr> <tr> <td>Bradley J. Blaski</td> <td>03/29/2012</td> </tr> </tbody> </table>		Name	Execution Date	Mark D. Gugel	03/29/2012	Bradley J. Blaski	03/29/2012				
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Mark D. Gugel	03/29/2012										
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RECEIVING PARTY DATA											
<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>City:</td> <td>Detroit</td> </tr> <tr> <td>State/Country:</td> <td>MICHIGAN</td> </tr> <tr> <td>Postal Code:</td> <td>48265</td> </tr> </table>		Name:	GM Global Technology Operations LLC	Street Address:	300 Renaissance Center	City:	Detroit	State/Country:	MICHIGAN	Postal Code:	48265
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13441016</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13441016						
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Application Number:	13441016										
CORRESPONDENCE DATA											
<p>Fax Number: (313)556-2451 Phone: 313-402-8177 Email: charles.leahy@sbcglobal.net <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> Correspondent Name: Charles E. Leahy Address Line 1: 75 Clairview Rd Address Line 4: Grosse Pointe Shores, MICHIGAN 48236</p>											
ATTORNEY DOCKET NUMBER:	P018519-MAN-LDA										
NAME OF SUBMITTER:	Charles E. Leahy										
Total Attachments: 1 source=Assignment-P018519#page1.tif											

CH \$40.00 13441016

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 P018519-MAN-LDA entitled

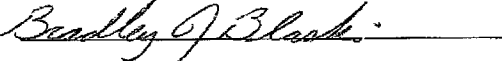
FORMING METHOD FOR PROJECTION WELDING PROJECTIONS

for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 91734 to insert the application number and filing date of said application here in parentheses (13441016 filed 06-APR-2012) when known.

Inventor's signature  Date 3/29/2012

Full name : MARK D. GUGEL

Residence : ROCHESTER HILLS, MICHIGAN

Inventor's signature  Date 3/29/12

Full name : BRADLEY J. BLASKI

Residence : STERLING HEIGHTS, MCHIGAN