

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>George E. Doerr</td> <td>06/19/2012</td> </tr> <tr> <td>Christopher J. Mielke</td> <td>06/19/2012</td> </tr> <tr> <td>Mirosław Zaloga</td> <td>06/19/2012</td> </tr> </tbody> </table>		Name	Execution Date	George E. Doerr	06/19/2012	Christopher J. Mielke	06/19/2012	Mirosław Zaloga	06/19/2012
Name	Execution Date								
George E. Doerr	06/19/2012								
Christopher J. Mielke	06/19/2012								
Mirosław Zaloga	06/19/2012								
RECEIVING PARTY DATA									
Name:	GM GLOBAL TECHNOLOGY OPERATIONS LLC								
Street Address:	300 RENAISSANCE CENTER, PO BOX 300								
Internal Address:	MC 482-C23-B21								
City:	DETROIT								
State/Country:	MICHIGAN								
Postal Code:	48265-3000								
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>13526889</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13526889				
Property Type	Number								
Application Number:	13526889								
CORRESPONDENCE DATA									
Fax Number:	(734)542-9569								
Phone:	734-542-0900								
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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>									
Correspondent Name:	MACMILLAN, SOBANSKI & TODD, LLC								
Address Line 1:	720 WATER STREET								
Address Line 2:	ONE MARITIME PLAZA, FIFTH FLOOR								
Address Line 4:	TOLEDO, OHIO 43604								
ATTORNEY DOCKET NUMBER:	P017078(18010)								
NAME OF SUBMITTER:	Renee D. East								
Total Attachments: 1 source=Assignment_P017078#page1.tif									

CH \$40.00 13526889

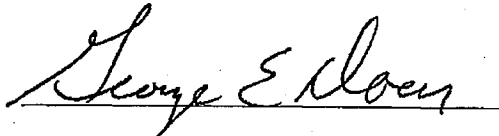
ASSIGNMENT

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 P017078-GMVE-DPH entitled

FULLY ENGAGED JOINT ASSEMBLY

for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 81466 to insert the application number and filing date of said application here in parentheses (13/526889 filed June 19, 2012) when known.

Inventor's signature



Date

6/19/2012

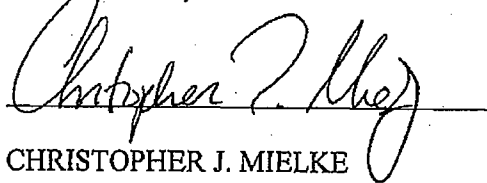
Full name :

GEORGE E. DOERR

Residence :

CLARKSTON, MICHIGAN

Inventor's signature



Date

06/19/2012

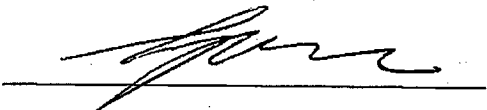
Full name :

CHRISTOPHER J. MIELKE

Residence :

SHELBY TOWNSHIP, MICHIGAN

Inventor's signature



Date

06/19/2012

Full name :

MIROSLAW ZALOGA

Residence :

SHELBY TOWNSHIP, MICHIGAN

PATENT