

## 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>Joel Cowgill</td> <td>06/27/2012</td> </tr> <tr> <td>Ben W. Moscherosch</td> <td>06/25/2012</td> </tr> </tbody> </table>		Name	Execution Date	Joel Cowgill	06/27/2012	Ben W. Moscherosch	06/25/2012						
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Joel Cowgill	06/27/2012												
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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>P.O. Box 300</td> </tr> <tr> <td>Internal Address:</td> <td>Mail Code 482-C23-B21</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:	P.O. Box 300	Internal Address:	Mail Code 482-C23-B21	City:	Detroit	State/Country:	MICHIGAN	Postal Code:	48265-3000
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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>13568624</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13568624								
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CORRESPONDENCE DATA													
Fax Number: 2486410270 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Email: madams@hdp.com Correspondent Name: HARNESS, DICKEY & PIERCE, P.L.C. Address Line 1: P.O. BOX 828 Address Line 4: Bloomfield Hills, MICHIGAN 48303													
ATTORNEY DOCKET NUMBER:	P019322-PTUS-CD												
NAME OF SUBMITTER:	Michael D. Wiggins												
Total Attachments: 1 source=Assignment_P019322#page1.tif													

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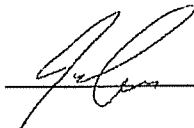
ASSIGNMENT

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 P019322-PTUS-CD entitled

CYLINDER TO CYLINDER BALANCING USING FULLY FLEXIBLE VALVE  
ACTUATION AND CYLINDER PRESSURE FEEDBACK

for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 74175 to insert the application number and filing date of said application here in parentheses (13 / 568, 624 filed 08/07/2012) when known.

Inventor's signature



Date 6/29/2012

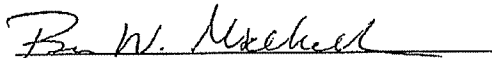
Full name :

Joel Cowgill

Residence :

White Lake, Michigan

Inventor's signature



Date 06/25/2012

Full name :

Ben W. Moscherosch

Residence :

Waterford, Michigan