

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Christopher E. Whitney	06/07/2011
Adam J. Heisel	06/07/2011
RECEIVING PARTY DATA	
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13152328
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ATTORNEY DOCKET NUMBER:	P015426/PTUS/RRM(GMC11117
NAME OF SUBMITTER:	Mona-Lisa Cichosz
Total Attachments: 1 source=Assignment P015426-GMC11117#page1.tif	

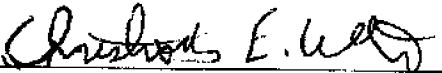
CH \$40.00 13152328

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 P015426/PTUS/RRM entitled

METHOD AND APPARATUS FOR EXECUTING A TRANSMISSION SHIFT IN A POWERTRAIN SYSTEM INCLUDING A TORQUE MACHINE AND AN ENGINE

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize any patent practitioner associated with Customer No. 70465 to insert the application number and filing date of said application here in parentheses (13/152,328 filed 03-JUN-2011) when known.

Inventor's signature  Date 6-7-2011

Full name : CHRISTOPHER E. WHITNEY

Declaration dated :

Residence : COMMERCE, MICHIGAN

6-7-2011

Inventor's signature



Date 6-7-2011

Full name : ADAM J. HEISEL

Declaration dated :

Residence : GARDEN CITY, MICHIGAN

6-7-2011