

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
David C. Mills	09/09/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BorgWarner Inc.
<b>Street Address:</b>	3850 Hamlin Road
<b>City:</b>	Auburn Hills
<b>State/Country:</b>	MICHIGAN
<b>Postal Code:</b>	48326
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13393660
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<b>Correspondent Name:</b>	Gerald E. McGlynn, III
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<b>Address Line 2:</b>	Suite 600
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<b>ATTORNEY DOCKET NUMBER:</b>	0267.00100
<b>NAME OF SUBMITTER:</b>	Gerald E. McGlynn, III
<b>Total Attachments: 2</b> source=Assignment Signed#page1.tif source=Assignment Signed#page2.tif	

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## ASSIGNMENT

WHEREAS, I, David C. Mills of Lake Orion, Michigan, have invented certain new and useful improvements in:

***HYDRAULIC CIRCUIT FOR AUTOMATIC TRANSMISSION HAVING AREA CONTROLLED SHIFT ACTUATOR VALVE WITH FLOW FORCE COMPENSATION***

identified as BorgWarner Inc. Case No. DKT09016 and described in a patent application executed by me on the 9<sup>TH</sup> day of SEPTEMBER 2009, preparatory to obtaining Letters Patent of the United States therefor; and

WHEREAS, BorgWarner Inc., a corporation duly organized and existing under and by virtue of the laws of the State of Delaware, and having a place of business at 3850 Hamlin Road, Auburn Hills, Michigan 48326, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention or inventions and in, to and under Letters Patent therefor in the United States and all other countries.

NOW, THEREFORE, BE IT KNOWN THAT, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I have sold, assigned, transferred and set over and by these presents do hereby sell, assign, transfer and set over to and unto said ASSIGNEE, its successors and assigns, the entire right, title, and interest in and to said invention or inventions and in, to and under the above identified application and all other applications for Letters Patent of the United States and for patents, utility models and other industrial property in all other countries for the above entitled invention or inventions, including any and all priority rights or dates pursuant to the provisions of any International Convention for the protection of industrial property; and in, to and under all Letters Patent that may be issued for said invention or inventions in the United States and all other countries, and in, to and under all divisions, reissues, continuations, continuations-in-part, Requests for Continued Examination, and extensions thereof, and covenant that I have the full right so to do; and I hereby authorize and request the Commissioner of Patents to issue all United States Letters Patent on the invention or inventions included herein to said ASSIGNEE, as assignee of the entire interest, and I authorize said ASSIGNEE to file applications for patents, utility models and other industrial property based on said invention or inventions in ASSIGNEE's name and to claim the above identified priority rights or dates.

I further agree that I will communicate to said ASSIGNEE or its representatives or agents all facts and information known or available to me respecting said invention or inventions, including evidence for interference purposes or for other legal proceedings, whenever requested; testify in any interference or other legal proceedings; execute and delivery, on request, all lawful papers including original, divisional, continuing and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, depositions, etc., and generally do everything possible to aid said ASSIGNEE, its successors and assigns, but at the expense of ASSIGNEE, in obtaining and enforcing proper protection for said invention or inventions, in the United States and all other countries.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 9<sup>TH</sup> day of SEPTEMBER 2009.

(L.S.)   
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David C. Mills