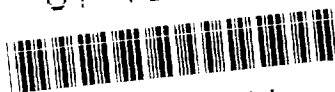


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PATENTS ONLY

FINANCE SECTION

1-13-03

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

New

Resubmission (Non-Recordation)  
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Mark if additional names of conveying parties attached

Name (line 1)  Execution Date  
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Month Day Year

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**Application Number(s) or Patent Number(s)**

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**

**Patent Number(s)**

<input type="text" value="10/280,775"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

If this document is being filed together with a new Patent Application, enter the date the patent application was

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>
PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>

**Number of Properties**

Enter the total number of properties involved.

#

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed  Deposit Account

Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the

Deposit Account Number:

#

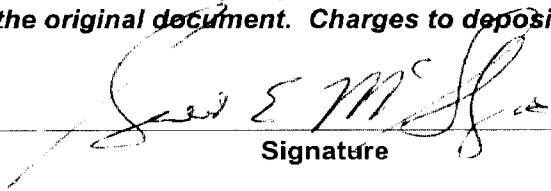
Authorization to charge additional fees: Yes  No

**Statement and Signature**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Gerald E. McGlynn, III

Name of Person Signing



Signature

January 8, 2003

Date

## ASSIGNMENT

WHEREAS, we, Mark Buchanan of Rochester Hills in the County of Oakland and the State of Michigan and Melissa Koenig of Howell in the County of Livingston and the State of Michigan have jointly invented certain new and useful improvements in

### ***DUAL CLUTCH TRANSMISSION CLUTCH COOLING CONTROL METHOD***

identified as BorgWarner Inc. Case No. DKT01095 and described in a patent application executed by us on the 29<sup>th</sup> day of October 2002, and the 29<sup>th</sup> day of October 2002, respectively, (and we hereby authorized our attorney, Marc Luddy, to here insert the filing date and serial number of said application, as soon as it is known, Filed: October 25, 2002, Serial No. 10/280,775) 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 3001 W. Big Beaver Road, Suite 200, P.O. Box 5060, Troy, Michigan 48007-5060, 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, we 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, and extensions thereof, and covenant that we have the full right so to do; and we 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 we 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.

We further agree that we will communicate to said ASSIGNEE or its representatives or agents all facts and information known or available to us 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 29th day of OCTOBER 2002.

(L.S.) Mark Buchanan  
Mark Buchanan

State of MICHIGAN )  
 )ss.  
County of MACOMB )  
ACTING IN OAKLAND

I, the undersigned, a Notary Public in and for the State and County aforesaid, do hereby certify that Mark Buchanan, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the same instrument as his free and voluntary act, for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunder set my hand and notarial seal this 29th day of OCTOBER 2002.

Cebra E. Kuchan  
Notary Public  
My Commission Expires:

CEBRA E. KUCHAN  
NOTARY PUBLIC MACOMB CO., MI  
MY COMMISSION EXPIRES Nov 29, 2006

