

Correspondent Name and Address

Area Code and Telephone Number

Name **BorgWarner, Inc.**

Address (line 1) **Powertrain Technical Center**

Address (line 2) **3800 Automation Avenue**

Address (line 3) **Suite 100**

Address (line 4) **Auburn Hills, Michigan 48326**

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

6

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)

10/627,419

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 PCT PCT
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Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ **40.00**

Method of Payment:
Deposit Account

Enclosed ☒ Deposit Account ☐

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

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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

April 19, 2004

Date

**RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY**U.S. Department of Commerce
Patent and Trademark Office
PATENT**Conveying Party(ies)**☐ Mark if additional names of conveying parties attached*Enter additional Conveying Parties*

Name (line 1) John M. Kremer

Execution Date
Month Day Year
03/31/2004

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party☐ Mark if additional names of receiving parties attached

Name (line 1)

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

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)**

ASSIGNMENT

WHEREAS, we, Melissa Koenig of Howell in the County of Livingston and the State of Michigan, R. Keith Martin of Imlay City in the County of Lapeer and the State of Michigan, and John M. Kremer of Sterling Heights in the County of Macomb and the State of Michigan, have jointly invented certain new and useful improvements in:

***CONTROL STRATEGY FOR LOAD SHARING BETWEEN A
FRICTION CLUTCH AND ONE-WAY CLUTCH TO EFFECT
LOW AND REVERSE GEAR RATIOS IN A TRANSMISSION***

identified as BorgWarner, Inc. Case No. DKT01088A and described in a patent application executed by us on the 2nd day of April 2004, the 31st day of March 2004, and the 31st day of March 2004, respectively, (and we hereby authorized our attorney, A. Michael Tucker, to here insert the filing date and serial number of said application, as soon as it is known, Filed July 24, 2003, Serial No. 10/627,419) 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 3800 Automation Avenue, Auburn Hills, Michigan 48326-1786, 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

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 2ND day of APRIL 2004.

L.S.) Melissa Koenig
Melissa Koenig

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 Melissa Koenig, 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 2nd day of April 2004.

Debra L. Kochan
Notary Public
My Commission Expires: 06/15/2014

res: **DEBRA E. KOCHAN**
NOTARY PUBLIC MACOMB CO., MI
MY COMMISSION EXPIRES Nov 28, 2008

March 2004.

R. Keith Martin

)ss.

County of MACOMB)

ACTING IN OAKLAND

MARCH 2004.

Debra R. Kahan

My Commission Expires:

DEBRA E. KOCHAN
NOTARY PUBLIC MACOMB CO., MI
MY COMMISSION EXPIRES Nov 29, 2006

(L.S.) John M. Kremer
John M. Kremer

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 John M. Kremer, 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 31ST day of MARCH 2004.

Debra E. Kochan
Notary Public
My Commission Expires:

DEBRA E. KOCHAN
NOTARY PUBLIC MACOMB CO., MI
MY COMMISSION EXPIRES Nov 28, 2006