

RE

05-17-2000



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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
John M. Kremer, Paul T. McCrary and
Keith R. Martin
Additional name(s) of conveying party(ies) attached: Yes No

2. Name and address of receiving party(ies):
Name: Borg Warner Automotive Inc.
Internal Address: 3001 W. Big Beaver Road
Suite 200
P.O. Box 5060
Troy, Michigan 48007-5060
Street Address: _____
Country: _____
Additional name(s) and address(es) attached: Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
Other _____
Execution Date: December 22, 1999

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is: _____
A. Patent Application No.(s) 09/379,406
B. Patent No.(s) _____
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: U. S. Docket Administrator
Internal Address: Borg Warner Automotive Inc.
3001 W. Big Beaver Road
Suite 200
Street Address: P.O. Box 5060
City: Troy State: MI Zip: 48007-5060

6. Total number of applications and patents involved:
7. Total fee (37 C.F.R. 3.41) \$ 40.00
 Enclosed
 Authorized to be charged to deposit account
8. Deposit Account No.: 50-0852
(Attach duplicate copy of this page if paying by deposit account)

05/17/2000 JSHABRAZZ 00000047 09379406

01 FC:581

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DO NOT USE THIS SPACE

9. 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.
John C. Evans [Signature] April 26, 2000
Name of Person Signing Signature Date
Total number of pages including cover sheet, attachments and document:

Mail documents to be recorded with required cover sheet information to:
Assistant Commissioner of Patents, Box Assignments
Washington, D.C. 20231

02-09-2000

FORM PTO-1595
(Rev. 6-93)

OMB No. 0551-0011 (exp. 4/94)

MWD 1.12.00

RECOI



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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
John M. Kremer, Paul T. McCrary and
Keith Martin

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):

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Internal Address: 3001 W. Big Beaver Road

Suite 200

P.O. Box 5060

Troy, Michigan 48007-5060

Street Address: _____

Country: _____

Additional name(s) and address(es) attached: Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name

Other _____

Execution Date: January 7, 2000

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) 09/379,406

B. Patent No.(s) _____

Additional numbers attached? Yes No

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Name: U. S. Docket Administrator

Internal Address: Borg Warner Automotive Inc.

3001 W. Big Beaver Road

Suite 200

Street Address: P.O. Box 5060

City: Troy State: MI Zip: 48007-5060

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. 3.41) \$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit Account No.: 50-0852

(Attach duplicate copy of this page if paying by deposit account)

12/08/2000 DNGUYEN 00000285 09379406

1 FC:581

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9. 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.

John C. Evans
Name of Person Signing

Signature

January 7, 2000
Date

Total number of pages including cover sheet, attachments and document:

4

Mail documents to be recorded with required cover sheet information to:
Assistant Commissioner of Patents, Box Assignments
Washington, D.C. 20231

ASSIGNMENT

WHEREAS, we, John M. Kremer of Sterling Heights, Michigan, Paul T. McCrary of Belleville, Michigan and R. Keith Martin of Imlay City, Michigan have invented certain new and useful improvements in

MULTI-DISK FRICTION DEVICE HAVING FORCED LUBRICATION ON DEMAND

identified as Borg-Warner Case No. DKT99025 and described in a patent application executed by us on the 10th day of December, 1999; the 3rd day of December, 1999; and the 3rd day of December, 1999; respectively; (and we hereby authorize our attorney, Greg Dziegielewski, to here insert the filing date and serial number of said application, as soon as it is known, Filed August 24, 1999, Serial No. 09/379,406) preparatory to obtaining Letters Patent of the United States therefor; and

WHEREAS, BORG-WARNER AUTOMOTIVE, 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 Big Beaver Road, Troy, Michigan 48007 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 deliver, 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, we have hereunto set my hand and seal this 22 day of

December 1999

John M. Kremer
John M. Kremer

State of MI)
347-54-6587) ss.
County of Macomb)

Paul T. McCrary
Paul T. McCrary

State of MI)
321-92-1117) ss.
County of WAYNE)

R. Keith Martin
R. Keith Martin

State of MI)
34-68-2979) ss.
County of Lapeer)

I, the undersigned, a Notary Public in and for the State and County aforesaid, do hereby certify that John M. Kremer, Paul T. McCrary and R. Keith Martin personally known to me to be the same persons whose names is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the same instrument as their free and voluntary act, for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and notarial seal this 22 day of December, 1999.

SEAL

Theresia A Wilmoth
Notary Public
My commission expires: Notary Public, Macomb County, MI
My Commission Expires May 26, 2002
acting in
Oakland
County

Practitioner's Docket No. DKT 99025 (P-3007.1) BWA

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Assignments
Commissioner of Patents and Trademarks
Washington, D.C. 20231

CORRECTION OF RECORDED COVER SHEET ERROR(S) (37 C.F.R. 3.34)

NOTE: See 37 CFR 3.34.

- 1. Applicant has noted an error in the cover sheet for the assignment(s) (document(s)) previously recorded on January 7, 2000.
Date of recordal

Reel 010528 Frame 0744

- 2. Attached hereto is:
 - the originally recorded document.
 - a copy of the originally recorded document.
- 3. Also attached hereto is a corrected cover sheet for recordation.

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))

I hereby certify that this correspondence is, on the date shown below, being:

MAILING

deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

FACSIMILE

transmitted by facsimile to the Patent and Trademark Office.

Date: April 26, 2000

Signature

Patricia Priebe

(type or print name of person certifying)

(Correction of Recorded Cover Sheet Error(s) [16-8]—page 1 of 2)

4. The error in the originally recorded cover sheet is apparent when that cover sheet is compared with the recorded document because:

Please correct the Execution Date, which should be December 22, 1999. Also add a middle initial to Keith Martin should read Keith R. Martin.

5. The recording fee is shown in the corrected cover sheet filed herewith. Payment of this recording fee is in the manner set forth in the corrected cover sheet.

NOTE: "A fee is required for each application, patent and registration against which the document is recorded as identified in the cover sheet." 37 CFR 3.41

Reg. No.: 20,124

Tel. No.: (248) 689-3510

Customer No.:


SIGNATURE OF PRACTITIONER

John C. Evans

(type or print name of practitioner)

PO Box 4390

P.O. Address

Troy, MI 48099

(Correction of Recorded Cover Sheet Error(s) [16-8]—page 2 of 2)