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ASSIGNMENT

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PATENTS ONLY

Please record the attached original document or copy thereof.

1. Name of Party(ies) conveying an interest:

Christopher J. Kowalsky
Larry Pritchard
Brian Kapler

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

2. Name and Address of Party(ies) receiving an interest:

BorgWarner, Inc.
3800 Automation Ave., Suite 100
Auburn Hills, MI 48236

Additional name(s) and addresses attached?

☐ Yes ☒ No

3. Description of the interest conveyed:

☒ Assignment☐ Change of Name

Other:

☐ Security Agreement☐ Merger

Execution Date: 12/12/03; 12/12/03; and 12/12/03

4. Application number(s) or patent number(s). Additional sheet attached? ☐ Yes ☒ No

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

A. Patent Application No.(s)

B. Patent No.(s)

10/638,781

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

BORGWARNER, INC.
ATTENTION: PATENT DOCKET
ADMINISTRATOR
3800 Automation Ave., Suite 100
Auburn Hills, MI 48236

6. Number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)

\$ 40.00

☒ Enclosed☐ Authorized to be charged to Deposit Account
No. 23-1925 (BRINKS HOFER GILSON & LIONE)8. ☒ Please charge any deficiencies in fee or credit any
overpayment to Deposit Account No. 23-1925.

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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.

David D. Murray

Name of Person Signing

Signature

January 7, 2004

Date

Total number of pages including cover sheet, attachments, and document: 6

BRINKS
HOFER
GILSON
& LIONEBRINKS HOFER GILSON & LIONE
PO Box 10395
Chicago, IL 60611-5599PATENT
REEL: 014870 FRAME: 0165

ASSIGNMENT

WHEREAS, We, Christopher John Kowalsky of Windsor, Ontario, Canada; Larry Pritchard of Macomb, in the State of Michigan, and Brian Kappler of Lake Orion, in the State of Michigan have invented certain new and useful improvements in Electromagnetic Clutch Assembly Having Solenoid Type Operator identified as BorgWarner Case No. DKT02182 and described in a patent application filed August 11, 2003, assigned Serial No. 10/638,781, all 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 Ave., Suite 100, Auburn Hills, Michigan 48236-1782, 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

DKT02182

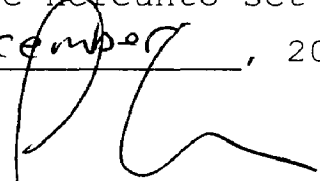
States and for patents, utility models and other industrial property in all other countries for the above entitled invention or inventions, including any and all priority rights or dates pursuant to the provisions of any International Convention for the protection of industrial property; and in, to and 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, power of attorney, oaths, affidavits, depositions, etc., and

DKT02182

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.

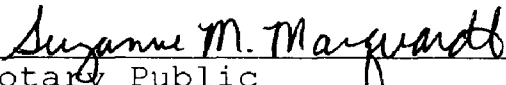
IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 12th day of December, 2003.


Christopher John Kowalsky

STATE OF MICHIGAN)
) --SS:
COUNTY OF OAKLAND)

I, the undersigned, a Notary Public in and for the State and County aforesaid, do hereby certify that Christopher John Kowalsky, 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.

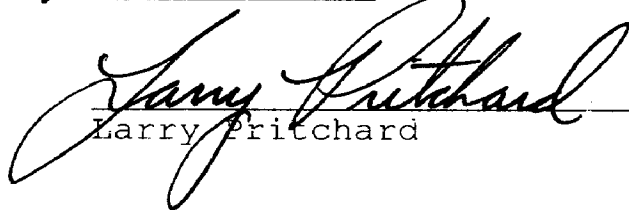
IN WITNESS WHEREOF, I have hereunto set my hand and notarial seal this 12th day of December, 2003.


Notary Public
My commission expires 6-17-07

SEAL

**SUZANNE M. MARQUARDT
NOTARY PUBLIC OAKLAND CO., MI
MY COMMISSION EXPIRES Jun 17, 2007**


IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 12th day of DECEMBER., 2003.


Larry Pritchard

STATE OF MICHIGAN)
) --SS:
COUNTY OF OAKLAND)

I, the undersigned, a Notary Public in and for the State and County aforesaid, do hereby certify that Larry Pritchard, 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 hereunto set my hand and notarial seal this 12th day of December, 2003.


Notary Public
My commission expires 6-17-61

SEAL

SUZANNE M. MARQUARDT
NOTARY PUBLIC OAKLAND CO., MI
MY COMMISSION EXPIRES Jun 17, 2007

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 12th day of DECEMBER, 2003.

B.K.
Brian Kappler

STATE OF MICHIGAN)
) --SS:
COUNTY OF OAKLAND)

I, the undersigned, a Notary Public in and for the State and County aforesaid, do hereby certify that Brian Kappler, 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 hereunto set my hand and
notarial seal this 12th day of December, 2003.

Suzanne M. Marguardt
Notary Public
My commission expires 6-17-61

SEAL,

SUZANNE M. MARQUARDT
NOTARY PUBLIC OAKLAND CO., MI
MY COMMISSION EXPIRES Jun 17, 2007