

01-18-2006

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office



103159789
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Gary E. Hart, Neil E. Robb, and Rick L. Boyer

Execution Date(s) 07-06-05 (All)

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other See Attachment

2. Name and address of receiving party(ies)

Name: BorgWarner Inc.

Internal Address: _____

Street Address: 3850 Hamlin Road

City: Auburn Hills

State: MI

Country: USA Zip: 45326

Additional name(s) & address(es) attached? Yes No

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

10/908,965

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Vincent C. Ilagan / Artz & Artz, P.C.

Internal Address: _____

Street Address: 28333 Telegraph Road

Suite 250

City: Southfield

State: MI Zip: 48034

Phone Number: 248-223-9500

Fax Number: 248-223-9522

Email Address: vci@artzlaw.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 50-0476

Authorized User Name _____

9. Signature:

Signature

January 12, 2006

Date

Vincent C. Ilagan

Name of Person Signing

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

16

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

3. **Nature of Conveyance**

Submitted to correct Assignee's name on a corrective document previously recorded on Reel 016361/Frame 0157.

C 8/9/05

08-16-2005

Form PTO-1595 (Rev. 09/04)
OMB No. 0651-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office



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PATENTS

RE

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 Gary E. Hart, Neil E. Robb, and Rick L. Boyer

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Assignment Merger
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 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other Corrective Document for 016361/0157

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A. Patent Application No.(s)
10/908,965

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Correct Assignee previously recorded for Reel/Frame
016361/0157 to BorgWarner Inc.

Additional numbers attached? Yes No

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Name: Vincent C. Ilagan / Artz & Artz, P.C.
 Internal Address: _____
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 Enclosed
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8. Payment Information

a. Credit Card Last 4 Numbers _____
 Expiration Date _____

b. Deposit Account Number 50-0476
 Authorized User Name _____

9. Signature: August 8, 2005
 Signature Date

Vincent C. Ilagan
 Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 11

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT
REEL: 017452 FRAME: 0679

Attorney Doc. #: DKT04172 (BWA 0285 PUS)

ASSIGNMENT OF APPLICATION

WHEREAS, I, Rick L. Boyer of Marshall, Michigan, hereafter referred to as Applicant, have invented certain new and useful improvements in:

MAGNETORHEOLOGICAL VISCOUS FAN COUPLING

X for which an application for a United States Patent was filed on June 2, 2005, Application Serial No. 10/908,965


_____ for which an application for a United States Patent was executed on _____, and

WHEREAS, BorgWarner Inc., a Corporation of the State of Delaware, herein referred to as Assignee and having a place of business at 385D Hamlin Road, Auburn Hills, Michigan 48326-2872 is desirous of acquiring the entire right, title and interest in the same;

NOW, therefore, in consideration of the sum of One Dollar (\$1.00), the receipt whereof is acknowledged, and other good and valuable consideration, We, the Applicants, by these presents do sell, assign and transfer unto said Assignee the full and exclusive right to the said invention, both domestic and foreign, and the entire right, title and interest in and to any and all Patents which may be granted therefor, both domestic and foreign, we hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said Assignee, of the entire right, title and interest in and to the same, for his sole use and for the use of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by ourselves had this assignment and sale not been made.

AND we hereby represent and warrant that we have not granted any rights inconsistent with the rights granted herein.

Date: July 6, 2005



Rick L. Boyer

State of _____)
) ss
County of _____)

Before me personally appeared _____ (Rick L. Boyer) and acknowledged the foregoing instrument to be his free act and deed this _____ day of _____, 2005.

Notary Public

County
State of Michigan
My Commission expires: _____

Attorney Doc. #: DKT04172 (BWA 0285 PUS)

ASSIGNMENT OF APPLICATION

WHEREAS, I, Gary E. Hart of Indianapolis, Indiana, hereafter referred to as Applicant, have invented certain new and useful improvements in:

MAGNETORHEOLOGICAL VISCOUS FAN COUPLING

X for which an application for a United States Patent was filed on June 2, 2005 Application Serial No. 10/908,965

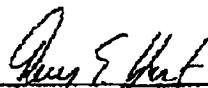
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AND we hereby represent and warrant that we have not granted any rights inconsistent with the rights granted herein.

Date: July 6, 2005


Gary E. Hart

State of _____)
) ss
County of _____)

Before me personally appeared _____ (Gary E. Hart) and acknowledged the foregoing instrument to be his free act and deed this _____ day of _____, 2005.

Notary Public

County
State of Michigan
My Commission expires: _____

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

07/13/2005
500039492

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
EFFECTIVE DATE:	07/06/2005

CONVEYING PARTY DATA

Name	Execution Date
Gary E. Hart	07/06/2005
Neil E. Robb	07/06/2005
Rick L. Boyer	07/06/2005

RECEIVING PARTY DATA

Name:	BorgWarner, Inc.
Street Address:	3850 Hamlin Road
City:	Auburn Hills
State/Country:	MICHIGAN
Postal Code:	48326-2872

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10908965

CORRESPONDENCE DATA

Fax Number: (248)223-9522
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 248-223-9500
 Email: nmt@artzlaw.com
 Correspondent Name: BorgWarner, Inc.
 Address Line 1: 3850 Hamlin Road
 Address Line 4: Auburn Hills, MICHIGAN 48326-2872

NAME OF SUBMITTER: Vincent C. Ilagan

Total Attachments: 3
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PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

08/05/2005
500043610

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the the Assignee previously recorded previously recorded on Reel 016257 Frame 0800. Assignor(s) hereby confirms the previously recorded as BorWarner, Inc. to BorgWarner Inc. 7										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Gary E. Hart</td> <td>07/06/2005</td> </tr> <tr> <td>Neil E. Robb</td> <td>07/06/2005</td> </tr> <tr> <td>Rick L. Boyer</td> <td>07/06/2005</td> </tr> </tbody> </table>		Name	Execution Date	Gary E. Hart	07/06/2005	Neil E. Robb	07/06/2005	Rick L. Boyer	07/06/2005		
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NAME OF SUBMITTER:	Vincent C. Ilagan										
<p>Total Attachments: 13 source=Original Assignment#page1.tif source=Original Assignment#page2.tif</p>											

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