

08-04-2004

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PATENTS

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):

Robert C. Lam
Yih-Fang Chen
Kenji Maruo

7-2604

Execution Date(s) June 30, 2004

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

2. Name and address of receiving party(ies)

Name: BorgWarner Inc.

Internal Address:

Street Address: 3800 Automation Drive

City: Auburn Hills

State: Michigan

Country: USA Zip: 48326

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)

B. Patent No.(s)

07/28/2004 STEUMEL1 00000024 10898882

10898882

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Additional numbers attached? ☐ Yes ☒ No

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

Name: Catherine B. Martineau, Esq.

Internal Address: BorgWarner Inc.

Street Address: 3800 Automation Drive

City: Auburn Hills

State: Michigan Zip: 48326

Phone Number: 419-243-1294

Fax Number: 419-243-8502

Email Address: cmartineau@essp-law.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 _____

Authorized User Name _____

9. Signature:

Catherine B. Martineau
Signature26 July 2004
Date

Catherine B. Martineau

Name of Person Signing

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

4

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

ASSIGNMENT

WHEREAS, I, ROBERT C. LAM of 1307 Tulberry Circle, Rochester, Michigan 48306, Yih-Fang Chen, 6701 Innsbruck Court, Lisle, Illinois 60532 and Kenji Maruo, 2345 Aino, Fukuroi Shizuoka 437-8545, Japan have invented a POROUS FRICTION MATERIAL WITH NANOPARTICLES OF FRICTION MODIFYING LAYER for which we have executed application for United States Letters Patent under even date herewith; and

WHEREAS, BORGWARNER INC., of 3800 Automation Avenue, Auburn Hills, MI 48326, a corporation of Delaware, is desirous of acquiring the entire interest in and to said invention and any Letters Patent to issue therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar (\$1.00) and other valuable considerations to us in hand paid, the receipt whereof is hereby acknowledged, we, ROBERT C. LAM, YIH-FANG CHEN and KENJI MAURO do hereby sell, assign and transfer unto the said, BORGWARNER INC., its successors or assigns, the entire right, title and interest in and to said application and invention in the United States and all countries foreign thereto, including the right of priority under the International Convention of 1883 and later modifications thereof, and to any Letters Patent to issue therefor, and we hereby request the Commissioner of Patents and Trademarks of the United States to issue to said company any Letters Patent thereon, in accordance with the terms of this assignment.

We agree to execute any and all documents required by said company, its successors or assigns, for the prosecution of said application, or of any division, continuation, reissue, or reexamination thereof, or for securing foreign patents covering said invention, and also any documents required by it, its successors or assigns, to


more fully vest in it or them title to said invention, or to any application or patent that may be filed therefor or secured thereon.


 ROBERT C. LAM

STATE OF MICHIGAN)
 COUNTY OF Oakland) SS.

On this 30th day of JUNE, 2004, before me appeared ROBERT C. LAM, to me personally known, and acknowledged the signing of the above instrument to be his free act and deed.

(SEAL)


 Notary Public


DEBRA E. KOCHAN
 NOTARY PUBLIC MACOMB CO., MI
 MY COMMISSION EXPIRES NOV 28, 2008


 YIH-FANG CHEN

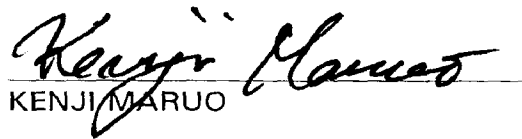
STATE OF MICHIGAN)
 COUNTY OF Macomb) SS.
Acting in Oakland

On this 30th day of JUNE, 2004, before me appeared YIH-FANG CHEN, to me personally known, and acknowledged the signing of the above instrument to be his free act and deed.

(SEAL)


 Notary Public

DEBRA E. KOCHAN
 NOTARY PUBLIC MACOMB CO., MI
 MY COMMISSION EXPIRES NOV 28, 2008


KENJI MARUO

STATE OF MICHIGAN)
) SS.
COUNTY OF _____)

On this ____ day of _____, 2004, before me appeared KENJI MARUO, to me personally known, and acknowledged the signing of the above instrument to be his free act and deed.

(SEAL)

Notary Public