05-22-2003 Form PTO-1595 U.S. DEPARTMENT OF COMMERCE (Rev. 10/02) U.S. Patent and Trademark Office OMB No. 0651-0027 (exp. 6/30/2005) 102454366 Tab settings □ □ □ ▼ To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. Name of conveying party(ies): 2. Name and address of receiving party(ies) Name: BorgWarner Inc. Emilio Fabricius 5-14-63 Erik Seeber Internal Address: _____ Dieter Zimprich Nico Sigel Additional name(s) of conveying party(ies) attached? Yes V No 3. Nature of conveyance: ✓ Assignment Merger Street Address: 3800 Automation Avenue Security Agreement Change of Name All dated in the European style of City: Auburn Hills State: MI Zip: 48326 dates 18 April 2003 22 April 2003 Execution Date: 21 April 2003 Additional name(s) & address(es) attached? Yes V No 4. Application number(s) or patent number(s): A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? Yes V No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41).....\$40.00 Catherine B. Martineau ✓ Enclosed Internal Address:______ Authorized to be charged to deposit account 8. Deposit account number: Street Address:_ P.O. Box 916 15-0825 City: Toledo State: OH Zip: 43697-0916 DO NOT USE THIS SPACE 9. Signature. Cotherne B. Marken

> Total number of pages including cover sheet, attachments, and documents: Mail documents to be recorded with required cover sheet information to:

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

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Name of Person Signing

Catherine B. Martineau

PATENT REEL: 014054 FRAME: 0345 03040/DKT01138

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ASSIGNMENT

WHEREAS, we, EMILIO FABRICIUS of Im Bruckenfeld 8, 68723

Oftersheim, GERMANY, ERIK SEEBER, of Hugelstrasse 47, 64283 Darmstadt,

Germany, DIETER ZIMPRICH, of Konrad-Adenauer-Ring 65, 69214 Eppelheim,

Germany, and NICO SIGEL, of Einsteinstrasse 104, 81675 Munchen, Germany

have invented a FRICTION PLATE GROOVE PATTERN 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 48326-5060, a corporation of Delaware, is desirous of acquiring its

rights in and to said invention and any Letters Patent to issue therefor subject

to German law;

WHEREAS, we, EMILIO FABRICIUS, ERIK SEEBER, DIETER ZIMPRICH and

NICO SIGEL have notified BorgWarner Inc., under German law and BorgWarner

Inc., desires to claim all of its rights to said invention under German law.

NOW THEREFORE, in accordance with German law, BorgWarner Inc.

claims all of its rights to said invention. We, EMILIO FABRICIUS, ERIK SEEBER,

DIETER ZIMPRICH and NICO SIGEL, subject to German law, 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

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PATENT

REEL: 014054 FRAME: 0346

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, reissue or continuation thereof, or for securing foreign patents covering said invention, and also any documents required by it, its successors or assigns, more fully to vest in it or them the title to said invention, or to any application or patent that may be filed therefor or secured thereon.

Witnesses:	EMILIO FABRICIUS
	Date: 18 04 2003
Witnesses:	ENIL SEEGER SEEBER
	Date: 18.04.2003
Witnesses:	DIETER ZIMPRICH
	Date: 22,09. 2003
Witnesses:	
	NICO SIGEL
	Date:

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, reissue or continuation thereof, or for securing foreign patents covering said invention, and also any documents required by it, its successors or assigns, more fully to vest in it or them the title to said invention, or to any application or patent that may be filed therefor or secured thereon.

Witnesses:	
	EMILIO FABRICIUS
	Date:
Witnesses:	
	ERIK SEEGER
	Date:
Witnesses:	
	DIETER ZIMPRICH
	Date:
Witnesses:	NICO SIGEL
	Date: 21.4.03

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PATENT REEL: 014054 FRAME: 0348

RECORDED: 05/14/2003