PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Marty Gardner	08/28/2002
Michael Duffield	09/05/2002

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	6883481

CORRESPONDENCE DATA

Fax Number: (607)256-3628

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 607-256-2000

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Correspondent Name: BorgWarner Inc.

Address Line 1: 3850 Hamlin Road

Address Line 4: Auburn Hills, MICHIGAN 48326

NAME OF SUBMITTER: Meghan Van Leeuwen

Total Attachments: 1

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PATENT REEL: 015972 FRAME: 0458 \$40.00

CH \$40

Attorney docket no: BW-DKT01013A

ASSIGNMENT AND AGREEMENT

For value received, I, Marty Gardner, of Ithaca in the State of New York, and Michael Duffield, of Medina in the State of New York, hereby sell, assign and transfer to BorgWarner, Inc., having an office at BorgWarner Powertrain Technical Center, 3800 Automation Drive, Suite 100, Auburn Hills, MI 48236-1782, and its successors, assigns and legal representatives (hereinafter referred to as the "Assignee"), the entire right, title and interest, for the United States of America, in and to certain inventions related to the "HYBRID MULTI-POSITION CAM INDEXER HAVING CONTROLS LOCATED IN ROTOR" described in an application for Letters Patent of the United States, executed by me of even date here with, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and I also concurrently hereby sell, assign and transfer to Assignee the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

I authorize Assignee to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from me, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Assignee to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

I request that any and all patents for said inventions be issued to Assignee in the United States and in all countries foreign to the United States, or to such nominees as Assignee may designate.

I agree that, when requested, I shall, without charge to Assignee, but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Marty Gapdiner

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Michael Duffield

Date:

Date: