Form PTO-1595 (Rev. 03/01)	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies): John C. Green Robert J. Telep	Name and address of receiving party(ies) Name: _BorgWarner Inc. Internal Address:
Additional name(s) of conveying party(ies) attached? Yes Vo	
3. Nature of conveyance:	
✓ Assignment Merger	
Security Agreement Change of Name	Street Address: Powertrain Technical Center 3800 Automation Avenue, Suite 100
Other	
December 8, 2003	City: Auburn Hills State: MI Zip: 48326-1782
Execution Date:	Additional name(s) & address(es) attached? Yes 🗸 No
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application, the execution date of the application is: $\frac{12/9/03}{1}$	
A. Patent Application No.(s)	B. Patent No.(s)
Additional numbers attached? Yes Vo	
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:
concerning document should be mailed:	
Name:BORGWARNER INC	7. Total fee (37 CFR 3.41)\$40.00
Internal Address:	✓ Enclosed
	Authorized to be charged to deposit account
Powertrain Technical Center	
Street Address: 3800 Automation Avenue, Suite 100	8. Deposit account number:
Street Address:	02-0910
City: Auburn Hills State: MI Zip: 48326-1782	
DO NOT USE THIS SPACE	
9. Signature.	
	111
Frank Tian /	12/09/2003
Name of Person Signing	Signature Date
	r sheet, attachments, and documents:

12/11/2003 FFANAEIA 00000057 10731320

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

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PATENT

REEL: 014786 FRAME: 0328

Attorney docket no.: BW-DKT02020A

ASSIGNMENT AND AGREEMENT

For value received, I, John C. Green, of Sterling Heights in the State of Michigan and Robert J. Telep, of Livonia in the State of Michigan, hereby sell, assign and transfer to Borg Warner, Inc., a Corporation of Delaware, having a place of business at Powertrain Technical Center, 3800 Automation Avenue, Suite 100, Auburn Hills, MI 48326-1782, 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 "VCT SENSOR AND ACTUATOR MODULE" described in an application for Letters Patent of the United States and provisional application number 60/508,957, executed by me of even date here with, and all the rights and privileges in said application(s) 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 treatics, 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.

Date: 12 - 8 - 03

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