Form PTO-1595 RE((Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002) 1023079	ET U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office				
To the Honorable Commissioner c.	P85 Accurate attached original documents or copy thereof.				
1. Name of conveying party(ies):	2. Name and address of receiving party(ies)				
Ed Elliot Earl R. Austin III 12 - 9 - 9 2 Brad Paine	Name: BorgWarner Inc.				
Keith Miller	Internal Address:				
Additional name of conveying party(ies) attached? Yes X No					
3. Nature of conveyance:	Street Address: 3800 Automation Avenue				
🛛 Assignment 🗌 Merger					
Security Agreement Change of Name	Suite 100				
	City: <u>Auburn Hills</u> State: <u>MI</u> Zip: <u>48326</u>				
Other Execution Date(s): <u>July 12, 2002; July 12, 2002;</u> July 16, 2002; July 23, 2002	Additional Name(s) & address(es) attached? Yes X No				
4. Application number(s) or patent number(s):	1 3 5				
If this document is being filed together with a new application A. Patent Application No.(s) 10/104,232 DOCUMENT I.D. NO.: 102197136	n, the execution date of the application is:				
Additional numbers att	ached? Yes No				
Name and address of party to whom correspondence concerning this document should be mailed:	6. Total number of applications and/or patents involved: 1				
Name: Philip R. Warn, Esq.	7. Total fee (37 CFR 3.41) \$ <u>40.00</u>				
Internal Address: Warn, Burgess & Hoffmann, P.C.	PREVIOUSLY Enclosed				
	Authorized to be charged to Deposit Account No.				
Street Address: P.O. Box 70098	 The Commissioner is hereby authorized to charge any additional fees that may be required or credit any overpayments to Deposit Account No. 501612 (Warn, 				
City: Rochester Hills State: MI Zip: 48307	Burgess & Hoffmann, P.C.). A duplicate copy of this sheet is enclosed.				
DO NOT USE	THIS SPACE				
9. Statement and signature.					
To the best of my knowledge and belief, the foregoing/informing is a true copy of the original document.					
Philip R. Warn Varn	December 3, 2002 Signature Date				
	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					

PATENT REEL: 013550 FRAME: 0994

Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2	n	08- 2 1-20		HEET	y Docket No. DKT 00056 (BWI-0006 U.S. DEPARTMENT OF COMMER U.S. Patent and Trademark Office	
To the Honorable Commis	ssioner of Pa	atents and Trademarks:	Please Record t		inal documents or copy thereof.	
Ed Elliot Earl R. Austin III	. Name of conveying party(ies): Ed Elliot FINANCE SECTION Earl R. Austin III		2. Name and address of receiving party(ies) Name: BorgWarner Inc.			
Brad Paine Keith Miller	4 -	19-02	Internal Add	Internal Address:		
Additional name of conveying pa	arty(ies) atta	ached? 🗌 Yes 🛛 No	· · · · · · · · · · · · · · · · · · ·	<u></u>		
3. Nature of conveyance:			Street Addre	ess: 3800 Aut	omation Avenue	
🛛 Assignment		Merger	Suite 100			
Security Agreement		Change of Name	City: Auburr	Hills	State: <u>MI</u> Zip: <u>48326</u>	
] Other ution Date(s): <u>July 12, 2002; July 16, 2002;</u> 23, 2002			ame(s) & add	ress(es) attached? 🗌 Yes 🛛 No	
10/104,232						
	<u></u>	Additional numbers at				
 Name and address of party concerning this document s 		correspondence			ons and/or patents involved: 1	
5. Name and address of party		correspondence	6. Total num	ber of applicati	ons and/or patents involved: 1	
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5. Name and address of party concerning this document s Name <u>: Philip R. Warn, Esq.</u>	should be r	correspondence nailed:	 6. Total num 7. Total fee X Enc 	aber of applicati (37 CFR 3.41) losed		
5. Name and address of party concerning this document s Name <u>: Philip R. Warn, Esq.</u>	should be r	correspondence nailed:	 6. Total num 7. Total fee X Enc Autl 8. The Commadditional overpaym 	(37 CFR 3.41) (37 CFR 3.41) losed norized to be ch missioner is her fees that may hents to Deposit	harged to Deposit Account No. eby authorized to charge any be required or credit any Account No. 501612 (Warn,	
 Name and address of party concerning this document s Name: Philip R. Warn, Esq. Internal Address: Warn. Burge Street Address: P.O. Box 70 	should be r	correspondence nailed:	 6. Total num 7. Total fee X Enc Autl 8. The Commadditional overpaym 	(37 CFR 3.41) (37 CFR 3.41) losed norized to be ch missioner is her fees that may lents to Deposit Hoffmann, P.C	harged to Deposit Account No.	
 Name and address of party concerning this document s Name: Philip R. Warn, Esq. Internal Address: Warn. Burge Street Address: P.O. Box 70 	should be r ess & Hoffi 0098	correspondence nailed: mann. P.C. Zip: 48307	 6. Total num 7. Total fee X Enc Autl 8. The Commadditional overpaym Burgess & 	(37 CFR 3.41) (37 CFR 3.41) losed norized to be ch missioner is her fees that may l ents to Deposit Hoffmann, P.C d.	harged to Deposit Account No. eby authorized to charge any be required or credit any Account No. 501612 (Warn,	
 5. Name and address of party concerning this document so Name: <u>Philip R. Warn, Esq.</u> Internal Address: <u>Warn, Burge</u> Street Address: <u>P.O. Box</u> 70 City: Rochester Hills Society 9. Statement and signature. 	should be r ess & Hoffi 0098 State: Ml	correspondence nailed: mann. P.C. Zip: 48307 DO NOT US	 6. Total num 7. Total fee 7. Total fee 8. The Commadditional overpaym Burgess & is enclose E THIS SPACE 	aber of applicati (37 CFR 3.41) losed norized to be ch nissioner is her fees that may hents to Deposit Hoffmann, P.C d.	harged to Deposit Account No. eby authorized to charge any be required or credit any Account No. 501612 (Warn, C.). A duplicate copy of this sheet	
 5. Name and address of party concerning this document so Name: Philip R. Warn, Esq. Internal Address: Warn, Burger Street Address: P.O. Box 70 City: Rochester Hills S 9. Statement and signature. To the best of my knowledg is a true copy of the origina Philip R. Warn 	should be r ess & Hoffi 0098 State: MI State: MI	correspondence mailed: mann. P.C. Zip: 48307 DO NOT US	 6. Total num 7. Total fee 7. Total fee 8. The Commadditional overpaym Burgess & is enclose E THIS SPACE 	aber of applicati (37 CFR 3.41) losed norized to be ch nissioner is her fees that may hents to Deposit Hoffmann, P.C d.	harged to Deposit Account No. eby authorized to charge any be required or credit any Account No. 501612 (Warn, C.). A duplicate copy of this sheet d any attached copy <u>August 13, 2002</u>	
 5. Name and address of party concerning this document is Name: <u>Philip R. Warn, Esq.</u> Internal Address: <u>Warn, Burge</u> Street Address: <u>P.O. Box</u> 70 City: Rochester Hills S 9. Statement and signature. To the best of my knowledg is a true copy of the origina 	should be r ess & Hoffi 0098 State: MI State: MI	correspondence mailed: mann. P.C. Zip: 48307 DO NOT US	 6. Total num 7. Total fee 7. Total fee 8. The Commadditional overpaym Burgess & is enclose E THIS SPACE 	aber of applicati (37 CFR 3.41) losed norized to be ch nissioner is her fees that may hents to Deposit Hoffmann, P.C d.	harged to Deposit Account No. eby authorized to charge any be required or credit any Account No. 501612 (Warn, C.). A duplicate copy of this sheet	
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REEL: 013550 FRAME: 0995

WHEREAS, the undersigned, hereinafter referred to as Assignors, have invented certain new and useful improvements in

THROTTLE PLATE WEDGE

for which Assignors have made United States application for patent, under Serial No. 10/104,232, filed March 22, 2002, and

WHEREAS, BorgWarner Inc., a Delaware corporation, having a place of business at 3001 West Big Beaver Road - Suite 200, Troy, Michigan 48084, hereinafter referred to as Assignee, is desirous of acquiring an interest therein:

NOW. THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, Assignors by these presents do sell, assign and transfer unto Assignee, its successors in interest, the full and exclusive right in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States and the Paris Convention, to the said invention as described in the aforesaid application, said application for patent and all Letters Patent therefore to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof, as fully and entirely as the same would have been held by Assignors had this assignment and sale not been made; and Assignors hereby covenant and agree to execute all instruments or documents required or requested for the making and prosecution of applications for patent in the United States and in all foreign countries, for litigation regarding, or for the purpose of protecting title to the said invention, the United States application for patent, or Letters Patent therefor for the benefit of Assignee without further or other compensation than that above set forth; and Assignors hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent to Assignee.

Edward Elliot

(First Joint Inventor)

State of <u>Illichigan</u>) County of <u>Macomb</u>) ss.

On this $\frac{164}{100}$ day of $\frac{1000}{1000}$, 2002, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purpose therein set forth.

<u>Joan E. Henrion</u> Notary Public, <u>Macomb</u> County, State of <u>Michuga</u>...

(seal)

My Commission Expires:

Page 1 of 3

PATENT REEL: 013550 FRAME: 0996

Fack R. Cluster TI

Name: Earl R. Austin III (Second Joint Inventor)

State of M	Julijon)
County of	etertenau) ss.

On this 23 day of 4 day of 2002, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purpose therein set forth.

(seal)

Notary Public. Gran County, State of Plube My Commission Expires: C

JOAN C. HALL. Notary Public, Washtenaw County, Miching -My Commission expired April 24, 2004

Name: Brad Paine (Third Joint Inventor)

State of _____)) ss.

County of ______)

On this _____ day of _____, 2002, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purpose therein set forth.

Notary Public,

____ County, State of_____

My Commission Expires: _____

Page 2 of 3

PATENT REEL: 013550 FRAME: 0997

(seal)

Name: Earl R. Austin III (Second Joint Inventor)

State of _____))) ss. County of _____)

On this _____ day of ______, 2002, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purpose therein set forth.

(seal)

Notary Public, County, State of

My Commission Expires: _____

Name: Brad Paine (Third Joint Inventor)

State of <u>Mississippi</u> County of <u>Jalobushe</u> ____)ss. し_)

On this 12^{H} day of 4000, 2002, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purpose therein set forth.

1. Hav Votary Public, Will Duan County, State of Miss My Commission Expires: 8-7.03

(seal)

Page 2 of 3

PATENT REEL: 013550 FRAME: 0998

Name: Keith Miller (Fourth Joint Inventor)

State of <u>IMANAL</u> ilopusha SS. County of $\underline{\mathcal{A}}$

file day of ___, 2002, before me personally appeared the On this foregoing individual, who executed the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purpose therein set forth.

Notary Public. alobish County, State of M My Commission Expires: _______

(seal)

PATENT REEL: 013550 FRAME: 0999

RECORDED: 08/19/2002