

# Attorney Docket No. DKT 00056A (BWI-00062)

Form <b>PTO-1595</b> (Rev. 10/02)	RE	06-12	2-2003	U.S. DEPARTMENT OF COMMER U.S. Patent and Trademark O
OMB No. 0651-0027 (exp. 6/30/2005)				
Tab settings ⇔ ⇔ ♥		1 : Majaj (1822 Bajja (1817 Biaj)		▼
To the Honorable Commission	oner of Pa	1024	70780	ાંginal documents or copy thereof.
1. Name of conveying party(ies	s):		2. Name and add	lress of receiving party(ies)
Ed Elliot	1 6	1.7	Name: BorgW	/arner Inc.
Earl R. Austin III	()· 4	<i>[U.</i> ]		
Brad Paine	•		Internal Addre	ss:
Keith Miller				
Additional name(s) of conveying party(	(ies) attached?	Yes ✔ No	Marco - Andrea - Andr	
3. Nature of conveyance:				
Assignment	Merg	jer		
Security Agreement		and of Name	Street Address	Powertrain Technical Center
Corrective Assignme		nge of Name e Execution	3800 Automa	ition Avenue - Suite 100
Other_Dates of Assignees	and Attorney's	address,	*	
previously recorded	on Reel 013550	u, Frame 0994.	City: Auburn F	Hills State: MI Zip: 48326
July 16, 2002; J	July 23, 2002;	;	ì	ed States of America
Execution Date: July 12, 2002;	July 12, 2002			) & address(es) attached? Yes 🗸 !
4. Application number(s) or pat	ent number(	(s):		
If this document is being filed	d together wi	ith a new applic	cation, the execution	on date of the application is:
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A Patent Application No. (c)	10/104 23	•	D. Dotont No. /	
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5. Name and address of party to concerning document should Name: Patent Docket Admini Internal Address:  Street Address:  Powertrain 1  3800 Automation Avenue -  City: Auburn Hills State:	Addi to whom corribe mailed: strator - Borr  Fechnical Ce Suite 100	tional numbers attarespondence gWarner Inc.	ached? Yes V N 6. Total number of 7. Total fee (37 CF V Enclosed Authorized 8. Deposit account	applications and patents involved:  R 3.41)\$  to be charged to deposit account on the number:
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5. Name and address of party to concerning document should Name: Patent Docket Admini Internal Address:  Street Address:  Powertrain 1  3800 Automation Avenue -  City: Auburn Hills State: MI  9. Signature.	Addi to whom corribe mailed: strator - Borr  Fechnical Ce Suite 100	tional numbers attarespondence gWarner Inc.	ached? Yes V N 6. Total number of 7. Total fee (37 CF V Enclosed Authorized 8. Deposit account	applications and patents involved:  R 3.41)\$  to be charged to deposit account and number:

PATENT

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Form PTO-1595 <b>RE(</b> (Rev. 03/01)	itorney Docket No. DK I 00056A  (BWI-00062)  ET U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
OMB No. 0651-0027 (exp. 5/31/2002)	
To the Honorable Commissioner c. /1023079	255 Necoro trie attached original documents or copy thereof.
Name of conveying party(ies):	Name and address of receiving party(ies)
Ed Elliot Earl R. Austin III Brad Paine Keith Miller	Name: BorgWarner Inc. Internal Address:
Additional name of conveying party(ies) attached?   Yes   No	
3. Nature of conveyance:  ☐ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name	Street Address: 3800 Automation Avenue  Suite 100  City: Auburn Hills State: MI Zip: 48326
Other  Execution Date(s): July 12, 2002; July 12, 2002; July 16, 2002; July 23, 2002	Additional Name(s) & address(es) attached? ☐ Yes ☒ No
<ul> <li>4. Application number(s) or patent number(s):</li> <li>If this document is being filed together with a new application</li> <li>A. Patent Application No.(s)</li> <li>10/104,232 DOCUMENT I.D. NO.: 102197136</li> <li>Additional numbers atta</li> </ul>	B. Patent No.(s)
<ol><li>Name and address of party to whom correspondence concerning this document should be mailed:</li></ol>	6. Total number of applications and/or patents involved: 1
Name: Philip R. Warn, Esq. Internal Address: Warn, Burgess & Hoffmann, P.C.	7. Total fee (37 CFR 3.41) \$ 40.00  PREVIOUSLY Enclosed  Authorized to be charged to Deposit Account No.
Street Address: P.O. Box 70098  City: Rochester Hills State: MI Zip: 48307	8. The Commissioner is hereby authorized to charge any additional fees that may be required or credit any overpayments to Deposit Account No. 501612 (Warn, 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/inform is a true copy of the original document.  Philip R. Warn  Name of Person Signing	nation is true and correct and any attached copy

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Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C 20231

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Form PTO-1595 R (Rev. 03/01) 0MB No. 0651-0027 (exp. 5/31/2002, 05FICE OF PUBLICATION CONTRACTOR	Attorney Docket No. DKT 00056A  (BWI-00062)  HEET U.S. DEPARTMENT OF COMMERCE  U.S. Patent and Trademark Office
To the Honorable Commissioner of Patents and Trademarks: 1  1. Name of conveying party(ies):  Ed Elliot FIMANCE  Earl R. Austin III  Brad Paine  Keith Miller	2. Name and address of receiving party(ies)  Name: BorgWarner Inc.  Internal Address:
3. Nature of conveyance:  Assignment	Street Address: 3800 Automation Avenue  Suite 100  City: Auburn Hills State: MI Zip: 48326  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 A. Patent Application No.(s)  10/104,232	n, the execution date of the application is: B. Patent No.(s) B. Patent No.(s)
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.  Internal Address: Warn. Burgess & Hoffmann. P.C.	7. Total fee (37 CFR 3.41) \$ 40.00  Enclosed  Authorized to be charged to Deposit Account No.
Street Address: P.O. Box 70098	8. The Commissioner is hereby authorized to charge any additional fees that may be required or credit any overpayments to Deposit Account No. 501612 (Warn,

9. Statement and signature.

City: Rochester Hills

To the best of my knowledge and belief, the foregoing/Information is true and correct and any attached copy is a true copy of the original document.

Zip: 48307

Philip R. Warn Name of Person Signing

Signature

is enclosed.

August 13, 2002

Burgess & Hoffmann, P.C.). A duplicate copy of this sheet

Date

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

Mail documents to be recorded with required cover sheet information to: 00000192 10104232

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State: MI

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

08/20/2002 GTON11

(BWI-00062)

#### **ASSIGNMENT BY JOINT INVENTORS**

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 & Ellet
	Name: Ed Elliot
M'/'	(First Joint Inventor)
State of Michigan )	
'1.11	
County of Macomb ) ss.	
On this 164 day of July oregoing individual, who executed the hat he executed the same of his own from	, 2002, before me personally appeared the foregoing instrument and who acknowledged to me see will for the purpose therein set forth.
	Joan E. Henrion
sea!)	Notary Public,  Macomb County, State of Michiga

Page 1 of 3

My Commission Expires:

PATENT REEL: 014150 FRAME: 0880

## **ASSIGNMENT BY JOINT INVENTORS**

	Eace R. Claster III
	Name: Earl R. Austin III (Second Joint Inventor)
State of Muking ) ss County of Chillinan )	
On this <u>Z3</u> day of <u>u</u> foregoing individual, who executed the that he executed the same of his own f	2002, before me personally appeared the effecting instrument and who acknowledged to me ree will for the purpose therein set forth.
(seal)	Notary Public,  Washing County, State of Mulager  My Commission Expires:  JOAN C. HALL  Notary Public, Washings County, Meldon  My Commission expired April 24, 2003
	Name: Brad Paine (Third Joint Inventor)
State of ) ss County of )	S.
On this day of foregoing individual, who executed the	, 2002, before me personally appeared the foregoing instrument and who acknowledged to me ree will for the purpose therein set forth.
(seal)	Notary Public, County, State of
	My Commission Expires:

Page 2 of 3

## **ASSIGNMENT BY JOINT INVENTORS**

	Name: Earl R. Austin III
	(Second Joint Inventor)
State of)	
) ss. County of)	
On this day of foregoing individual, who executed the that he executed the same of his own from	, 2002, before me personally appeared the foregoing instrument and who acknowledged to me see will for the purpose therein set forth.
	Notary Public,
(seal)	County, State of
	My Commission Expires:
	Name: Brad Paine
	(Third Joint Inventor)
State of Musissippi ) ss. County of Alobersha )	
On this 124 day of 444 the	2002, before me personally appeared the foregoing instrument and who acknowledged to me
that he executed the same of his own fr	ee will for the purpose therein set forth.
(	Well 9. Llav
	Notary Public,
(seal)	County, State of Muss
	My Commission Expires: 8-7-03

Page 2 of 3

### **ASSIGNMENT BY JOINT INVENTORS**

Keith Mille
Name: Keith Miller
(Fourth Joint Inventor)
State of Musicsupple ) ss.  County of Halobusta )  On this 12h day of Hele, , 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,   Notary Public,   My Commission Expires: 2-2-03

Page 3 of 3

**RECORDED: 06/09/2003**