

10-23-2000



SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

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101494534

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; Pete Brykailo; Richard J. Vaughan,
Daniel P. O'Brien; Thomas A. Horn; Bennett J. Arndt

2. Name and address of receiving party(ies):

Name: BorgWarner Automotive, Inc.

Internal Address: _____

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☐ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____Street Address: 3001 West Big Beaver Rd., Suite 200P.O. Box 5060City: Troy State: MI ZIP: 48007

Execution Date: _____

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

09/608,767

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

MRO 10-10-00

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Ellen LyonsInternal Address: Patent Docket AdministratorBorgWarner Automotive, Inc.Street Address: 3001 West Big Beaver Rd., Suite 200P.O. Box 5060City: Troy State: MI ZIP: 48007

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☒ Authorized to be charged to deposit account

8. Deposit account number:

02-2712

10/20/2000 DBYRNE 00000126 09608767

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40.00 DP

9. Statement and signature.

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.

Gerald E. McGlynn, III

Name of Person Signing

Signature

October 4, 2000

Date

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

6

PATENT

REEL: 011165 FRAME: 0596

ASSIGNMENT

WHEREAS, we, John C. Green of Sterling Heights in the County of Macomb and the State of Michigan, Pete Brykailo of Warren in the County of Macomb and the State of Michigan, Richard J. Vaughan of Rochester in the County of Oakland and the State of Michigan, Daniel P. O'Brien of Dixon in the County of Lee and the State of Illinois, Thomas A. Horn of Eastpointe in the County of Macomb and the State of Michigan, and Bennett J. Arndt of Canton in the County of Wayne and the State of Michigan have jointly invented certain new and useful improvements in

***Improved Exhaust Gas Recirculation System for an Internal Combustion Engine
Having an Integrated Vacuum Regulator and Delta Pressure Sensor***

identified as BorgWarner Case No. DKT98044 and described in a patent application executed by us on the 1st day of August 2000, the 18th day of September 2000, the 16th day of September 2000, the 8th day of September 2000, the 1st day of August 2000, and the 2nd day of August 2000, respectively, (and we hereby authorized our attorney, Marc Luddy, to here insert the filing date and serial number of said application, as soon as it is known, Filed June 30, 2000, Serial No. 09/608,767) preparatory to obtaining Letters Patent of the United States therefore; and

WHEREAS, BorgWarner Inc., a corporation duly organized and existing under and by virtue of the laws of the State of Delaware and having a place of business at 3001 W. Big Beaver, Suite 200, P.O. Box 5060, Troy, Michigan 48007-5060 hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention or inventions, and in, to and under Letters Patent therefor in the United States and all other countries.

NOW, THEREFORE, BE IT KNOWN THAT, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold, assigned, transferred and set over and by these presents do hereby sell, assign, transfer and set over to and unto said ASSIGNEE, its successors and assigns, the entire right, title, and interest in and to said invention or inventions, and in, to and under the above identified application and all other applications for Letters Patent of the United States and for patents, utility models and other industrial property in all other countries for the above entitled invention or inventions, including any and all priority rights or dates pursuant to the provisions of any International Convention for the protection of industrial property; and in, to and under all Letters Patent that may be issued for said invention or inventions in the United States and all other countries, and in, to and under all divisions, reissues, continuations, and extensions

thereof, and covenant that we have the full right so to do; and we hereby authorize and request the Commissioner of Patents to issue all United States Letters Patent on the invention or inventions included herein to said ASSIGNEE, as assignee of the entire interest, and we authorize said ASSIGNEE to file applications for patents, utility models and other industrial property based on said invention or inventions in ASSIGNEE's name and to claim the above identified priority rights or dates.

We further agree that we will communicate to said ASSIGNEE or its representatives or agents all facts and information known or available to us respecting said invention or inventions, including evidence for interference purposes or for other legal proceedings, whenever requested; testify in any interference or other legal proceedings; execute and delivery, on request, all lawful papers including original, divisional, continuing and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, depositions, etc., and generally do everything possible to aid said ASSIGNEE, its successors and assigns, but at the expense of ASSIGNEE, in obtaining and enforcing proper protection for said invention or inventions, in the United States and all other countries.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 1 day of August 2000.

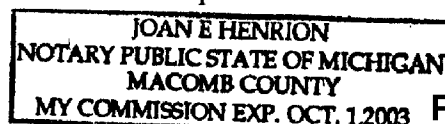
(L.S.) *John C. Green*
John C. Green

State of Michigan)
)ss.
County of Macomb)

I, the undersigned, a Notary Public in and for the State and County aforesaid, do hereby certify that John C. Green, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the same instrument as his free and voluntary act, for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunder set my hand and notarial seal this 1 day of August 2000.

Joan E. Henrion
Notary Public
My Commission Expires:



PATENT
REEL: 011165 FRAME: 0598

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 18th day of September 2000.

(L.S.) Pete Brykailo
Pete Brykailo

State of Michigan)
)ss.
County of Oakland)

I, the undersigned, a Notary Public in and for the State and County aforesaid, do hereby certify that Pete Brykailo, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the same instrument as his free and voluntary act, for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunder set my hand and notarial seal this ____ day of _____ 2000.

Notary Public
My Commission Expires:

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 16th day of September 2000.

(L.S.) Richard J. Vaughan
Richard J. Vaughan

State of Michigan)
)ss.
County of Oakland)

I, the undersigned, a Notary Public in and for the State and County aforesaid, do hereby certify that Richard J. Vaughan, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the same instrument as his free and voluntary act, for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunder set my hand and notarial seal this ____ day of _____ 2000.

Notary Public
My Commission Expires:

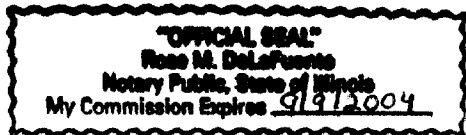
IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 8TH day of SEP 2000.

(L.S.) *Daniel P. O'Brien*
Daniel P. O'Brien

State of Illinois)
)ss.
County of Lee)

I, the undersigned, a Notary Public in and for the State and County aforesaid, do hereby certify that Daniel P. O'Brien, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the same instrument as his free and voluntary act, for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunder set my hand and notarial seal this 8th day of September 2000.



Rose M. DeLaFuente
Notary Public
My Commission Expires:

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 1 day of Aug. 2000.

(L.S.) *Thomas Horn*
Thomas Horn

State of Michigan)
)ss.
County of Macomb)

I, the undersigned, a Notary Public in and for the State and County aforesaid, do hereby certify that Thomas Horn, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the same instrument as his free and voluntary act, for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunder set my hand and notarial seal this 1 day of August 2000.

Joan E. Henriow
Notary Public
My Commission Expires:

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 2 day of August 2000.

(L.S.)

Bennett J. Arndt
Bennett J. Arndt

State of Michigan)
)ss.
County of Macomb)

I, the undersigned, a Notary Public in and for the State and County aforesaid, do hereby certify that Bennett J. Arndt, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the same instrument as his free and voluntary act, for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunder set my hand and notarial seal this 2 day of August 2000.

Joan E. Henrion
Notary Public

My Commission Expires:

