

**PATENT**  
**REEL: 9894 FRAME: 0139**

**Correspondent Name and Address**

**Area Code and Telephone Number** (317) 634-3456

**Name** Troy J. Cole

**Address (line 1)** Woodard, Emhardt, Naughton, Moriarty & McNett

**Address (line 2)** Bank One Center/Tower

**Address (line 3)** 111 Monument Circle, Suite 3700

**Address (line 4)** Indianapolis, IN 46204-5137

**Pages**

**Enter the total number of pages of the attached conveyance document including any attachments.**

# 5

**Application Number(s) or Patent Number(s)**

☐ Mark if additional numbers attached

*Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).*

**Patent Application Number(s)**

09/105,124

**Patent Number(s)**

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number

only if a U.S. Application Number has not been assigned.

PCT

PCT

**Number of Properties**

**Enter the total number of properties involved.**

# 1

**Fee Amount**

**Fee Amount for Properties Listed (37 CFR 3.41): \$** 40.00

**Method of Payment:**  
Deposit Account

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(Enter for payment by deposit account or if additional fees can be charged to the account.)

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Yes

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No

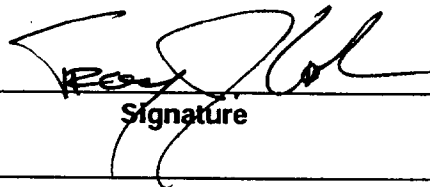
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**Statement and Signature**

*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. Charges to deposit account are authorized, as indicated herein.*

Troy J. Cole

**Name of Person Signing**



**Signature**

April 6, 1999

**Date**

RECORDATION FORM COVER SHEET  
CONTINUATION  
PATENTS ONLY

APR - 9 1999

U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Alfred Schuppe

Execution Date  
Month Day Year

08/05/1998

Name (line 2)

Name (line 1) George M. Kuhns

Execution Date  
Month Day Year

08/05/1998

Name (line 2)

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

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Patent Application Number(s)

Patent Number(s)



## ASSIGNMENT

WHEREAS, Matthew L. Schneider of 705 West 6th Street, Seymour, Indiana; Abhay P. Bhagwat of 811-C East 4th Street, #20, Seymour, Indiana 47274; Alfred Schuppe of 3751 Premier Drive, Columbus, Indiana 47203; and George M. Kuhns of 9656 W. Marshall Drive, Columbus, Indiana 47201, hereinafter referred to as Assignors, have made a new and useful invention in **ENGINE CRANKCASE GAS BLOW-BY SENSOR** for which Assignors have made or will make application for Letters Patent of the United States; and

WHEREAS, Cummins Engine Company, Inc., hereinafter referred to as Assignee, a corporation of the State of Indiana having a principal place of business at 500 Jackson Street, Columbus, Indiana 47201 desires to acquire all of the entire right, title, and interest in, to and under said invention disclosed, described and claimed or intended so to be in said application, and in, to and under said application, and in, to and under any and all Letters Patent, United States and foreign, which may be obtained therefor and thereon;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar (\$1.00) and other good, valuable and sufficient considerations to Assignors in hand paid, the receipt of which is hereby acknowledged, Assignors have sold, assigned and transferred, and by these presents do sell, assigns and transfers unto Assignee, all of the entire right, title, and interest in, to and under said invention disclosed, described and claimed or intended so to be in said application, and in, to and under said application for United States Letters Patent filed by Assignors on March 13, 1997, and assigned Serial No. 08/816,274, and any and all other applications thereon and arising therefrom, including any and all divisions and continuations thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof.

Assignors hereby authorize and request the Honorable Assistant Secretary and Commissioner of Patents and Trademarks to issue said Letters Patent to Assignee, its assigns and legal representatives.

Assignors agree to sign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said invention in this and all foreign countries for the use of Assignee.

WITNESS Assignor's hand this 5<sup>th</sup> day of August, 1998.

Matthew L. Schneider  
Matthew L. Schneider

STATE OF Indiana )  
COUNTY OF Buttlesboro ) SS:

Before me, a Notary Public, in and for said County and State, personally appeared the above-named Assignor, to me personally known, and who executed the foregoing Assignment in my presence and acknowledged the execution thereof as his free and voluntary act and deed for the uses and purposes therein set forth and expressed.

Vicky K. Ison  
Notary Public

Printed: VICKY K. ISON

My Commission Expires:

02/14/2000

Resident of Buttlesboro County

WITNESS Assignor's hand this 5<sup>th</sup> day of August, 1998.

Alfred Schuppe  
Alfred Schuppe

STATE OF Indiana )  
COUNTY OF Bartholomew ) SS:

Before me, a Notary Public, in and for said County and State, personally appeared the above-named Assignor, to me personally known, and who executed the foregoing Assignment in my presence and acknowledged the execution thereof as his free and voluntary act and deed for the uses and purposes therein set forth and expressed.

Vicky R. Ison  
Notary Public

Printed: VICKY R. ISON

My Commission Expires:

02/14/2000

Resident of Bartholomew County

WITNESS Assignor's hand this 5th day of August, 1998.

George M. Kuhns  
George M. Kuhns

STATE OF Idaho )  
COUNTY OF Batholomee ) SS:

Before me, a Notary Public, in and for said County and State, personally appeared the above-named Assignor, to me personally known, and who executed the foregoing Assignment in my presence and acknowledged the execution thereof as his free and voluntary act and deed for the uses and purposes therein set forth and expressed.

Vicky R. Ison  
Notary Public

Printed: VICKY L. ISON

My Commission Expires:

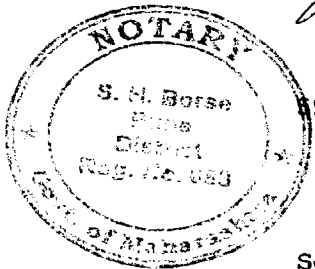
09/14/2000

Resident of Batholomee County



*S. H. Borse*

न. क. ४५२२ स्टम्प व. २०१२ दिनांक ३१/५/१२  
 नाम *Matthew* .....  
 पता *भरत* .....  
 पता *कमिन्स इण्डिया लि. कोचरुड पुणे २८*  
 हस्ता *अनंकर* .....  
 स्टंप नं. *४५२२* ..... पुणे-३०. *mmms*



956F

Atty.Dkt.8016-457/ID1470CON

# ASSIGNMENT

WHEREAS, Matthew L. Schneider of 705 West 6th Street, Seymour, Indiana; Abhay P. Bhagwat of 3, Laxmi Vishnu Apartment, 124-6B, Erandawana, Pune 411 004, <sup>INDIA</sup> Alfred Schuppe of 3751 Premier Drive, Columbus, Indiana 47203; and George M. Kuhns of 9656 W. Marshall Drive, Columbus, Indiana 47201, hereinafter referred to as Assignors, have made a new and useful invention in ENGINE CRANKCASE GAS BLOW-BY SENSOR for which Assignors have made or will make application for Letters Patent of the United States; and

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NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar (\$ 1.00) and other



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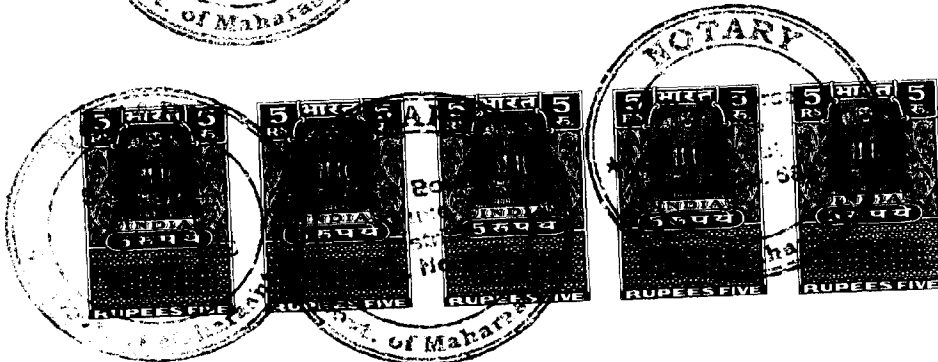
Assignors agree to sign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said invention in this and all foreign countries for the use of Assignee.

WITNESS Assignor's hand this 23<sup>rd</sup> day of Sept., 1998



*Abhay P. Bhagwat*  
Abhay P. Bhagwat

Noted & registered at  
Sr. No. A/1490  
Dt. 23.9.98



BEFORE ME  
*Robert*  
23/9/98  
S. N. BORDE  
NOTARY  
Maharashtra State  
Pune District  
My commission  
expires on Jan. 11. 2000.