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FORM COVER SHEET
ENTS ONLY

Docket: 0270-2568

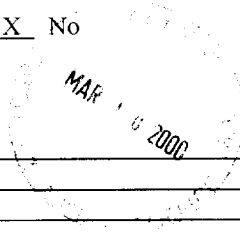
To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Jeffrey J. Sullivan and John D. Crofts

CERTIFICATE OF MAILING

Additional name(s) of conveying party(ies) attached? Yes No

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on 3/6/00



Susan J. Shles

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

Name: Cummins Engine Company, Inc.
Street Address: 500 Jackson Street
City Columbus State Indiana Zip Code 47201

Additional name(s) & addresses(es) attached? Yes No

3. Name of Conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: February 10, 2000

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: _____
Title: PIEZOELECTRIC ACTUATOR AND VALVE ASSEMBLY WITH THERMAL EXPANSION COMPENSATION

A: Patent Application Serial No. 09/452,385

Additional numbers attached? Yes No

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

Name: NIXON PEABODY LLP
Street Address: 8180 Greensboro Drive, Suite 800
City: McLean State: Virginia ZIP 22102

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):\$ 40.00

Enclosed
 Authorized to be charged to deposit account

8. Deposit Account Number: _____

(Attach duplicate copy of this page if paying by deposit account)

03/14/2000 TTRM1 00000059 09452385

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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.

Charles M. Leedom, Jr.
Name of Person Signing

Charles M. Leedom, Jr.
Signature

March 6, 2000
Date

Total number of pages comprising cover sheet, attachments and document: 3

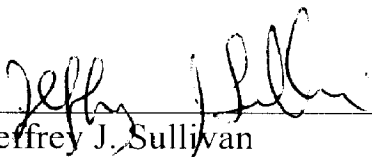
ASSIGNMENT

For One Dollar and other good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we, Jeffrey J. Sullivan and John D. Crofts, do hereby sell, assign, transfer and convey unto Cummins Engine Company, Inc., an Indiana corporation, having offices at 500 Jackson Street, Columbus, Indiana 47201, its successors and assigns, the entire right, title and interest in and to our invention entitled

PIEZOELECTRIC ACTUATOR AND VALVE ASSEMBLY
WITH THERMAL EXPANSION COMPENSATION

described and claimed in an application for United States Letters Patent filed on December 1, 1999 and assigned Serial No. 09/452,385, and in and to all Letters Patent, of the United States and foreign countries, including any division, continuations, reissues and extensions thereof, that may be obtained thereof;

and we hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent that may be granted for said invention to said Cummins Engine Company, Inc., its successors and assigns, and agree that we will promptly communicate to said Cummins Engine Company, Inc., or its representatives, but without cost to us, any facts known to us respecting said invention whenever requested, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said assignee, its successors and assigns, as and when requested by them, in obtaining and enforcing proper patent protection for said invention or inventions and improvements in the United States and all countries foreign thereto.



Jeffrey J. Sullivan

STATE OF INDIANA)
) ss,
COUNTY OF BARTHOLOMEW

On this 10th day of FEBRUARY, 2000, appeared Jeffrey J. Sullivan personally known to me, and by me personally known to be the person who executed the above instrument, who being duly sworn, acknowledged that he executed the above instrument as his free and voluntary act.

Donna Dettmer
Notary

(SEAL)

My commission expires: December 20, 2006

John D. Crofts
John D. Crofts

STATE OF INDIANA)
) ss,
COUNTY OF BARTHOLOMEW

On this 10th day of FEBRUARY, 2000, appeared John D. Crofts personally known to me, and by me personally known to be the person who executed the above instrument, who being duly sworn, acknowledged that he executed the above instrument as his free and voluntary act.

Donna Dettmer
Notary

(SEAL)

My commission expires: December 20, 2006