

MWD
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02-28-2000

Docket No. 0270-2550



ET

To the Honorable Commissioner of Patents

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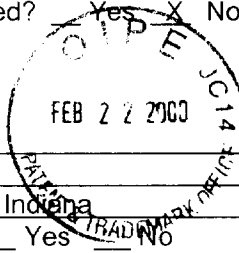
Attached original documents or copy thereof.

1. Name of conveying party(ies): Martin R. Myers, Michael J. Warwick, Yongching Chen, Ramesh Subramanian, Srinath Viswanath, Karren More and Qingyou Han

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

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

Name: Cummins Engine Company, Inc.
Street Address: 500 Jackson Street
City Columbus State Indiana ZIP 47201
Additional name(s) & addresses(es) attached? Yes No



3. Name of Conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: 2/18/00; 2/18/00; 2/18/00; 2/15/00; 2/10/00; 2/10/00; 2/10/00

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: METALLURGICAL BONDING OF COATED INSERTS WITHIN METAL CASTINGS

A: Patent Application No.(s) 09/386,519 B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Charles M. Leedom, Jr., 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)

DO NOT USE THIS SPACE

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.  February 22, 2000
Name of Person Signing Signature Date

Total number of pages comprising cover sheet, attachments and document: 7

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

Lockheed Martin Energy Research Corporation
Bethel Valley Road
P.O. Box 2008
Oak Ridge, Tennessee 37831-6255

ASSIGNMENT

For One Dollar and other good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we, Martin R. Myers, Michael J. Warwick, Yongching Chen, Ramesh Subramanian, Srinath Viswanathan, Karren More and Qingyou Han, do hereby sell, assign, transfer and convey unto Cummins Engine Company, Inc., an Indiana corporation, having offices at 500 Jackson Street, Columbus, Indiana 47201, and to a corporation of the state of Delaware, having an office at Bethel Valley Rd, Lockheed Martin Energy Research Corporation, their successors and assigns, an equal PO Box 2008, Oak Ridge, Tennessee 37831-6255, undivided interest in the entire right, title and interest in and to our invention entitled

METALLURGICAL BONDING OF COATED
INSERTS WITHIN METAL CASTINGS

described and claimed in an application for United States Letters Patent of the same title, Serial No. 09/386,519, filed on August 31, 2000, 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. and to Lockheed Martin Energy Research Corporation, their successors and assigns, and agree that we will promptly communicate to said Cummins Engine Company, Inc. and to Lockheed Martin Energy Research Corporation or their 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 assignees, their 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.

Martin R. Myers
Martin R. Myers

STATE OF INDIANA)
) ss,
COUNTY OF BARTHOLOMEW

On this 18th day of FEBRUARY, 2000, appeared Martin R. Myers 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.

Sandra P. Hieley
Notary

(SEAL)

My commission expires: Nov. 12, 2007

Michael J. Warwick
Michael J. Warwick

STATE OF INDIANA)
) ss,
COUNTY OF BARTHOLOMEW

On this 18th day of FEBRUARY, 2000, appeared Michael J. Warwick 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.

Sandra P. Hieley
Notary

(SEAL)

My commission expires: Nov 12, 2007

Yongching Chen

Yongching Chen

STATE OF INDIANA)

) ss,

COUNTY OF ELKHART

On this 12th day of FEBRUARY, 2000, appeared Yongching Chen 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.

Barbara Plegley
Notary

(SEAL)

My commission expires: Nov 12, 2007

Ramesh
Ramesh Subramanian

STATE OF Florida)

) ss,

COUNTY OF Seminole

On this 15th day of February, 2000, appeared Ramesh Subramanian 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.

Barbara L. Gallas
Notary

(SEAL)

My commission expires:



Barbara R. Gallas
MY COMMISSION # CC720689 EXPIRES
April 19, 2002
BONDED THRU TROY FAIR INSURANCE, INC.

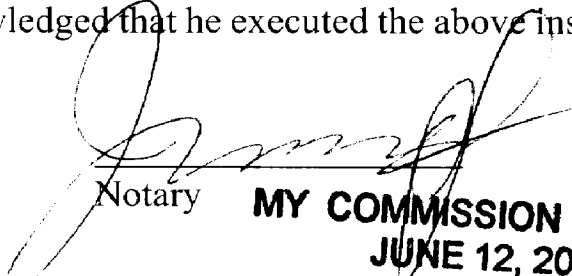
Srinath Viswanathan
Srinath Viswanathan

STATE OF MISSISSIPPI)

) ss,

COUNTY OF FRANKLIN)

On this 10 day of FEBRUARY, 2000, appeared Srinath Viswanathan 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.


Notary **MY COMMISSION EXPIRES
JUNE 12, 2002**

(SEAL)

My commission expires: _____

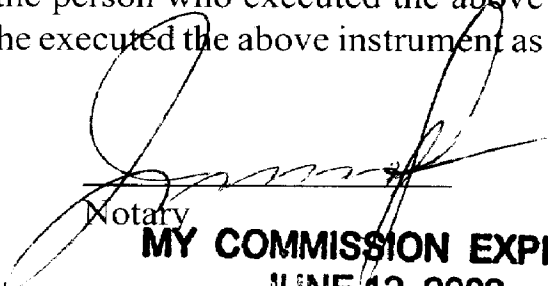
Karren L More
Karren More

STATE OF MISSISSIPPI)

) ss,

COUNTY OF BOONE)

On this 10 day of FEBRUARY, 2000, appeared Karren More personally known to me, and by me personally known to be the person who executed the above instrument, who being duly sworn, acknowledged that she executed the above instrument as her free and voluntary act.


Notary **MY COMMISSION EXPIRES
JUNE 12, 2002**

(SEAL)

My commission expires: _____

Han
Qingyou Han

STATE OF DETNESSEE

) ss.

COUNTY OF ROANE

On this 10 day of FEBRUARY, 2000, appeared Qingyou Han 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.

[Signature]
Notary

**MY COMMISSION EXPIRES
JUNE 12, 2002**

(SEAL)

My commission expires: _____