

09-03-1999

DEPARTMENT OF COMMERCE
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documents or copy thereof.

101133380

Attached original

1. Name of conveying party(ies):

Scott F. Shafer
Rajan Tandon
Jayant B. GondaliaAdditional Names attached: ☐ Yes ☒ No

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

Name: Caterpillar Inc.Internal Address:
Intellectual Property DepartmentStreet Address:
100 N.E. Adams StreetCity: Peoria State: IllinoisZip: 61629-6490Additional name(s) & addresses
attached? ☐ Yes ☒ No

3. Nature of Conveyance:

☒ Assignment
☐ Security Agreement
☐ OtherExecution Date(s): 08/20/99, 08/23/99, and
08/13/99

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 08/20/99, 08/23/99, and 08/13/99.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ NoTitle of Invention: CERAMIC CHECK FOR A FUEL INJECTORAttorney Docket No.: 98-847

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

Name: Eric M. Bram
CATERPILLAR INC.Internal Address: Intellectual Property Dept.Street Address: 100 N. E. Adams StreetCity: Peoria State: ILZip: 61629-6490

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
account8. Deposit account number: 03-1129
(If charged duplicate copy attached)

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.

Eric M. Bram

Signature

08/25/99

Date

Number of pages comprising cover sheet, attachments, and document: [3]

Mail document to be recorded with required cover sheet information to:

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

ASSIGNMENT

WHEREAS, SCOTT F. SHAFER; RAJAN TANDON; and JAYANT B. GONDALIA, residing respectively at Morton, Illinois; Peoria, Illinois; and Richmond, Virginia, hereinafter referred to as ASSIGNORS, have invented a new and useful

CERAMIC CHECK FOR A FUEL INJECTOR

for which ASSIGNORS are about to file an international application and/or make application for Letters Patent in the United States of America, such invention being described and identified by said application having an attached International Application Request and/or an attached Declaration and Power of Attorney executed by ASSIGNORS on

August 20, 1999 , August 23, 1999 , and
August 13, 1999 ; and

WHEREAS, CATERPILLAR INC., a Delaware corporation having a place of business at Peoria, State of Illinois, United States of America, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to said invention and any Letters Patent granted thereon by the United States of America and any foreign country;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and for other good and valuable consideration received by ASSIGNORS from ASSIGNEE, the receipt of which is hereby acknowledged by ASSIGNORS;

1. ASSIGNORS hereby sell, assign, transfer and convey unto ASSIGNEE the entire right, title and interest in and to said invention, any application therefor, and any Letters Patent granted thereon by the United States of America and any foreign country, including any continuing application, reissue or extension thereof, together with the right to file applications and obtain patents for said invention in any foreign country, and covenant that ASSIGNORS have the full right to do so.

2. At the request and expense of ASSIGNEE, ASSIGNORS agree to communicate to ASSIGNEE any facts known respecting said invention, to execute all papers necessary to file any application on said invention necessary or desirable to aid ASSIGNEE in obtaining and enforcing proper protection for said invention in the United States of America and any foreign country.

3. ASSIGNORS hereby authorize and request the COMMISSIONER OF PATENTS AND TRADEMARKS to issue the United States Letters Patent on said invention, when granted, to CATERPILLAR INC.

4. This assignment shall inure to the benefit of ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon ASSIGNORS, ASSIGNORS' heirs and legal representatives.

IN TESTIMONY WHEREOF, ASSIGNORS have executed this instrument.

Scott F. Shafer
SCOTT F. SHAFER

08/20/99
Date

IN WITNESS OF the execution hereof by SCOTT F. SHAFER we have hereunto set our hands.

Michael K. Loy 8/20/99
Witness (1) (Date)

Address: 2310 W. Riviera Dr.
Proctor IL 61614

Richard D. Harnish 8/20/99
Witness (2) (Date)

Address: 2948 E. 1700 North Rd
Flanagan, IL 61740

Rajander
RAJAN TANDON

08/23/99
Date

IN WITNESS OF the execution hereof by RAJAN TANDON we have hereunto set our hands.

Emily P. Jurek 8/23/99
Witness (1) (Date)

Address: 2221 W. Wilson Ave. #105
Peoria, IL 61614

Jeffrey D. Jurek 8/23/99
Witness (2) (Date)

Address: 607 N. MAIN ST.
WASHINGTON, IL
61571

Jayant B. Gondalia
JAYANT B. GONDALIA

8/13/99
Date

IN WITNESS OF the execution hereof by JAYANT B. GONDALIA we have hereunto set our hands.

David E. Esch 8/13/99
Witness (1) (Date)

Address: 3401 Grove Gate Ct. #1621
Richmond, VA 23232

Michael K. Sullivan 8/13/99
Witness (2) (Date)

Address: 9417 Charter Creek Dr. 2E
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