

RECORD

05-01-2002

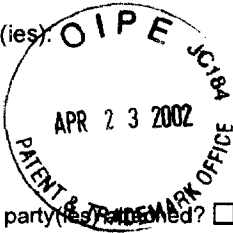
U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

Tab settings ⇨ ⇨ ⇨

102074001

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

1. Name of conveying party(ies):

Scott B. Fiveland
James J. Faletti
Ronald P. Maloney
Jorge R. Agama
John M. Clarke

2. Name and address of receiving party(ies)

Name: Caterpillar, Inc. Patent Department

Internal Address: _____

Additional name of conveying party(ies) furnished? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: _____

Street Address: 100 NE Adams Street

City: Peoria State: IL Zip: 61629

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

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution data of the application is: 03-19-02

A. Patent Application No.(s)

10/029,417

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Michael B. McNeil

Internal Address: Liell & McNeil Attorneys PC

Street Address: P.O. Box 2417

City: Bloomington State: IN Zip: 47402

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number:

500226

(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.

Michael B. McNeil
 Name of Person Signing

Signature

04/16/02
 Date

Total number of pages including cover sheet, attachments, and documents:
 Mail documents to be recorded with required cover sheet information to:

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

04/30/2002 6TON11 00000169 10029417

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00-647

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PATENT
 REEL: 012834 FRAME: 0281

ASSIGNMENT

WHEREAS, Scott B. Fiveland, residing at Peoria, Illinois, hereinafter referred to ASSIGNOR has invented together with James J. Faletti, Ronald P. Maloney, Jorge R. Agama and John M. Clarke a new and useful

HOMOGENOUS CHARGE COMPRESSION IGNITION ENGINE HAVING A CYLINDER INCLUDING A HIGH COMPRESSION SPACE

for which ASSIGNOR has made or will make application for Letters Patent of the United States; 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 ASSIGNOR from ASSIGNEE, the receipt of which is hereby acknowledged by ASSIGNOR;

1. ASSIGNOR hereby sells, assigns, transfers and conveys 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 ASSIGNOR has the full right to do so.

2. At the request and expense of ASSIGNEE, ASSIGNOR agrees 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. ASSIGNOR hereby authorizes and requests 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 ASSIGNOR, ASSIGNOR'S heirs and legal representatives.

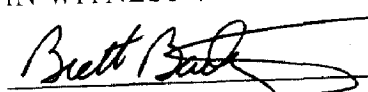
IN TESTIMONY WHEREOF, ASSIGNOR has executed this instrument.

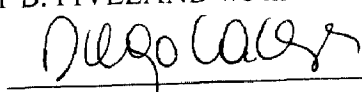

SCOTT B. FIVELAND

3/19/02

Date

IN WITNESS OF the execution hereof by SCOTT B. FIVELAND we have hereunto set our hands.


Witness (1) 3/19/02
Date
Address: 6818 N. Wilshire Dr
Peoria, IL 61614


Witness (2) 03/19/02
Date
Address: 4010 N. Brandywine Dr #1321
Peoria, IL 61614

ASSIGNMENT

WHEREAS, Jorge R. Agama, residing at Peoria, Illinois, hereinafter referred to ASSIGNOR has invented together with James J. Faletti, Scott B. Fiveland, Ronald P. Maloney and John M. Clarke a new and useful

HOMOGENOUS CHARGE COMPRESSION IGNITION ENGINE HAVING A CYLINDER INCLUDING A HIGH COMPRESSION SPACE

for which ASSIGNOR has made or will make application for Letters Patent of the United States; 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 ASSIGNOR from ASSIGNEE, the receipt of which is hereby acknowledged by ASSIGNOR;


1. ASSIGNOR hereby sells, assigns, transfers and conveys 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 ASSIGNOR has the full right to do so.

2. At the request and expense of ASSIGNEE, ASSIGNOR agrees 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.

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IN TESTIMONY WHEREOF, ASSIGNOR has executed this instrument.

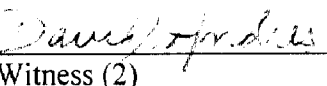

JORGE R. AGAMA

04/03/2002
Date

IN WITNESS OF the execution hereof by JORGE R. AGAMA we have hereunto set our hands.

 4/3/2002
Witness (1) Date

Address: 2411 S. Cameron Lane
Peoria, IL 61607

 03 APR 2002
Witness (2) Date

Address: 21 REMINGTON WAY
WASHINGTON, IL 61271

ASSIGNMENT

WHEREAS, John M. Clarke, residing at Chillicothe, Illinois, hereinafter referred to as ASSIGNOR has invented together with Jorge R. Agama, Scott B. Fiveland, Ronald P. Maloney and James J. Faletti a new and useful

HOMOGENOUS CHARGE COMPRESSION IGNITION ENGINE HAVING A CYLINDER INCLUDING A HIGH COMPRESSION SPACE

for which ASSIGNOR has made or will make application for Letters Patent of the United States; 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 ASSIGNOR from ASSIGNEE, the receipt of which is hereby acknowledged by ASSIGNOR;

1. ASSIGNOR hereby sells, assigns, transfers and conveys 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 ASSIGNOR has the full right to do so.

2. At the request and expense of ASSIGNEE, ASSIGNOR agrees 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. ASSIGNOR hereby authorizes and requests 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 ASSIGNOR, ASSIGNOR'S heirs and legal representatives.

IN TESTIMONY WHEREOF, ASSIGNOR has executed this instrument.

John M. Clarke
JOHN M. CLARKE

3/19/02
Date

IN WITNESS OF the execution hereof by JOHN M. CLARKE we have hereunto set our hands.

Angela H. Smith 3-19-02
Witness (1) Date
Address: 506 Francis St.
Chillicothe, Ill.

Yvonne Rignard 03/19/02
Witness (2) Date
Address: 4434 N. Constantine Ave.
Peoria Heights, IL 61616

ASSIGNMENT

WHEREAS, James J. Faletti, residing at Spring Valley, Illinois, hereinafter referred to as ASSIGNOR has invented together with Jorge R. Agama, Scott B. Fiveland, Ronald P. Maloney and John M. Clarke a new and useful

HOMOGENOUS CHARGE COMPRESSION IGNITION ENGINE HAVING A CYLINDER INCLUDING A HIGH COMPRESSION SPACE

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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 ASSIGNOR from ASSIGNEE, the receipt of which is hereby acknowledged by ASSIGNOR;

1. ASSIGNOR hereby sells, assigns, transfers and conveys 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 ASSIGNOR has the full right to do so.

2. At the request and expense of ASSIGNEE, ASSIGNOR agrees 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. ASSIGNOR hereby authorizes and requests 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 ASSIGNOR, ASSIGNOR'S heirs and legal representatives.

IN TESTIMONY WHEREOF, ASSIGNOR has executed this instrument.

James J. Faletti
JAMES J. FALETTI

3/13/2002
Date

IN WITNESS OF the execution hereof by JAMES J. FALETTI we have hereunto set our hands.

Mark Peterson 3/13/2002
Witness (1) Date
Address: 4105 W. Hollow Creek Dr
Apt 102
Peoria, IL 61615

Cathy J. Ehr 13 March 2002
Witness (2) Date
Address: 37 Blackberry Ln
Morton IL 61550

ASSIGNMENT

WHEREAS, Ronald P. Maloney, residing at Peoria, Illinois, hereinafter referred to as ASSIGNOR has invented together with James J. Faletti, Scott B. Fiveland, Jorge R. Agama and John M. Clarke a new and useful

HOMOGENOUS CHARGE COMPRESSION IGNITION ENGINE HAVING A CYLINDER INCLUDING A HIGH COMPRESSION SPACE

for which ASSIGNOR has made or will make application for Letters Patent of the United States; 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 ASSIGNOR from ASSIGNEE, the receipt of which is hereby acknowledged by ASSIGNOR;

1. ASSIGNOR hereby sells, assigns, transfers and conveys 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 ASSIGNOR has the full right to do so.

2. At the request and expense of ASSIGNEE, ASSIGNOR agrees 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. ASSIGNOR hereby authorizes and requests 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 ASSIGNOR, ASSIGNOR'S heirs and legal representatives.

IN TESTIMONY WHEREOF, ASSIGNOR has executed this instrument.

Ronald P. Maloney 3-13-02
RONALD P. MALONEY Date

IN WITNESS OF the execution hereof by RONALD P. MALONEY we have hereunto set our hands.

Robert H. Lacey 3/13/02
Witness (1) Date
Address: 1430 W. Tamar Ct
Peoria, IL 61614

D. L. Lacey 3/13/02
Witness (2) Date
Address: 9903 W. Burkhardt
Peoria, IL 61615