

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>MD Anwarul Karim</td> <td>10/12/2012</td> </tr> <tr> <td>Robert A. Sarsfield</td> <td>10/12/2012</td> </tr> <tr> <td>Daniel Richard Barb</td> <td>10/15/2012</td> </tr> <tr> <td>Scott Alan Chockley</td> <td>10/15/2012</td> </tr> </tbody> </table>		Name	Execution Date	MD Anwarul Karim	10/12/2012	Robert A. Sarsfield	10/12/2012	Daniel Richard Barb	10/15/2012	Scott Alan Chockley	10/15/2012
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Daniel Richard Barb	10/15/2012										
Scott Alan Chockley	10/15/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Caterpillar Inc.</td> </tr> <tr> <td>Street Address:</td> <td>100 NE Adams Street</td> </tr> <tr> <td>City:</td> <td>Peoria</td> </tr> <tr> <td>State/Country:</td> <td>ILLINOIS</td> </tr> <tr> <td>Postal Code:</td> <td>61629-9510</td> </tr> </table>		Name:	Caterpillar Inc.	Street Address:	100 NE Adams Street	City:	Peoria	State/Country:	ILLINOIS	Postal Code:	61629-9510
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13664516</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13664516						
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CORRESPONDENCE DATA											
<p>Fax Number: 8123333173  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 812 333-5355        Email: mmcneil@liellmcneil.com        Correspondent Name: Caterpillar Inc. c/o LIELL &amp; MCNEIL ATTO        Address Line 1: P.O. Box 2417        Address Line 2: 511 South Madison Street        Address Line 4: Bloomington, INDIANA 47402-2417</p>											
ATTORNEY DOCKET NUMBER:	12-0699										
NAME OF SUBMITTER:	Kelly J. Smith										
<p>Total Attachments: 4        source=12-0699-Assignments#page1.tif        source=12-0699-Assignments#page2.tif        source=12-0699-Assignments#page3.tif        source=12-0699-Assignments#page4.tif</p>											

OP \$40.00 13664516

## ASSIGNMENT

WHEREAS, **MD ANWARUL KARIM**, residing at Peoria, Illinois, hereinafter referred to as ASSIGNOR has invented together with Robert A. Sarsfield, Daniel Richard Barb, and Scott Alan Chockley a new and useful

### **MODULAR EXHAUST MANIFOLD WITH INDEPENDENT SEALING OF EXHAUST TUBE AND COOLANT PASSAGE**

for which ASSIGNOR has made application for Letters Patent in the United States of America, such invention being described and identified by said application identified as Application No.

13664516, filed October 31, 2012, 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.

*AK*  
MD ANWARUL KARIM

the 12th day of Oct, 2012  
Date

IN WITNESS OF the execution hereof by MD ANWARUL KARIM we have hereunto set our hands.

*M. Wilson*      10/12/2012  
Witness (1)      Date  
Address: 4021 N. Brookdale place  
Apt. 3B2, Peoria, IL-61614.

*V. 38*      10/15/12  
Witness (2)      Date  
Address: 7014 N Buckeye Dr  
Gainesville, FL 32628

## ASSIGNMENT

WHEREAS, **ROBERT A. SARSFIELD**, residing at Dunlap, Illinois, hereinafter referred to as ASSIGNOR has invented together with Md Anwarul Karim, Daniel Richard Barb, and Scott Alan Chockley a new and useful

### **MODULAR EXHAUST MANIFOLD WITH INDEPENDENT SEALING OF EXHAUST TUBE AND COOLANT PASSAGE**

for which ASSIGNOR has made application for Letters Patent in the United States of America, such invention being described and identified by said application identified as Application No.

13664516, filed Oct. 31, 2012; 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.

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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.

  
ROBERT A. SARSFIELD

10-12-12  
Date

IN WITNESS OF the execution hereof by **ROBERT A. SARSFIELD** we have hereunto set our hands.

V. BL 10/15/12  
Witness (1) Date  
Address: 7014 N Buckeye Dr  
Edward, IL 61528

Alek Puri 10/15/12  
Witness (2) Date  
Address: 10205 N. FORREST DR.  
PEORIA, IL 61615

## ASSIGNMENT

WHEREAS, **DANIEL RICHARD BARB**, residing at Germantown hills, Illinois, hereinafter referred to as ASSIGNOR has invented together with Md Anwarul Karim, Robert A. Sarsfield, and Scott Alan Chockley a new and useful

### **MODULAR EXHAUST MANIFOLD WITH INDEPENDENT SEALING OF EXHAUST TUBE AND COOLANT PASSAGE**

for which ASSIGNOR has made application for Letters Patent in the United States of America, such invention being described and identified by said application identified as Application No.

13664516, filed OCT. 31, 2012; 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;

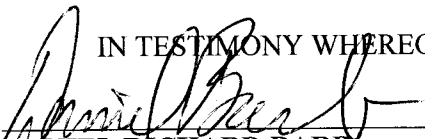
1. ASSIGNOR hereby sells, assigns, transfers and conveys unto ASSIGNEE the entire right, title and interest in and to said invention, any application therefor, and any Letters Patent granted thereon by the United States of America and any foreign country, including any continuing application, reissue 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.

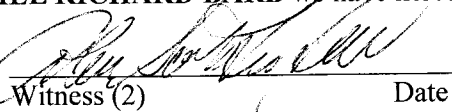
IN TESTIMONY WHEREOF, ASSIGNOR has executed this instrument.

  
\_\_\_\_\_  
**DANIEL RICHARD BARB**

10/15/12  
\_\_\_\_\_  
Date

IN WITNESS OF the execution hereof by **DANIEL RICHARD BARB** we have hereunto set our hands.

Am 10/15/2012  
\_\_\_\_\_  
Witness (1) Date  
Address: 1610 W. Willow Wood Dr.  
Peoria, IL 61614

 10/15/2012  
\_\_\_\_\_  
Witness (2) Date  
Address: 237 N. INDIANA  
MORTON, IL 61550

## ASSIGNMENT

WHEREAS, **SCOTT ALAN CHOCKLEY**, residing at Peoria, Illinois, hereinafter referred to as ASSIGNOR has invented together with Md Anwarul Karim, Robert A. Sarsfield, and Daniel Richard Barb a new and useful

### **MODULAR EXHAUST MANIFOLD WITH INDEPENDENT SEALING OF EXHAUST TUBE AND COOLANT PASSAGE**

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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.

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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 Alan Chockley*  
**SCOTT ALAN CHOCKLEY**

15-OCT-2012  
Date

IN WITNESS OF the execution hereof by **SCOTT ALAN CHOCKLEY** we have hereunto set our hands.

*Amir* 10/15/2012  
Witness (1) Date

Address: 1610 W. Willow Wood Dr.  
Peoria, IL 61614

*Daniel Barb* 10/15/12  
Witness (2) Date

Address: 407 KINGSBURY RD  
GERMANTOWN HILLS, IL 61548