

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Thomas E. Oertley	11/17/2008
Gregory J. Kaufmann	11/11/2008
Robert L. Meyer	11/12/2008
Dennis R. Shookman	11/12/2008
RECEIVING PARTY DATA	
Name:	Caterpillar Inc.
Street Address:	100 NE Adams St.
Internal Address:	AH9510
City:	Peoria
State/Country:	ILLINOIS
Postal Code:	61629-9510
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12238372
CORRESPONDENCE DATA	
Fax Number:	(309)675-1236
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	309-675-5081
Email:	Umholtz_Kelly_A@cat.com
Correspondent Name:	Caterpillar Inc. Intellectual Property D
Address Line 1:	AH 9510
Address Line 2:	100 N.E. Adams Street
Address Line 4:	PEORIA, ILLINOIS 61629-9510
ATTORNEY DOCKET NUMBER:	06-533
NAME OF SUBMITTER:	Kelly Umholtz

CH \$40.00 12238372

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**PATENT**  
**REEL: 021911 FRAME: 0697**

**Total Attachments: 4**

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**PATENT**

**REEL: 021911 FRAME: 0698**

ASSIGNMENT

WHEREAS, THOMAS E. OERTLEY, residing at Peoria, Illinois, hereinafter referred to as ASSIGNOR has invented together with Gregory J. Kaufmann, Robert L. Meyer and Dennis R. Shookman a new and useful

ROTARY CUTTER FOR TUNNEL BORING MACHINE

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. 12/238,372, filed September 25, 2008; 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.

Thomas E. Oertley  
THOMAS E. OERTLEY

Nov 17, 2008  
Date

IN WITNESS OF the execution hereof by THOMAS E. OERTLEY we have hereunto set our hands.

Thomas E. Oertley Nov 17, 2008  
Witness (1) Date  
Address: 2215 W. Knollwood Ct  
Peoria, IL 61604

Robert L. Meyer Nov 17, 2008  
Witness (2) Date  
Address: 11217 N. Trippman Rd  
Durand, IL 61525

## ASSIGNMENT

WHEREAS, GREGORY J. KAUFMANN, residing at Metamora, Illinois, hereinafter referred to as ASSIGNOR has invented together with Robert L. Meyer, Thomas E. Oertley and Dennis R. Shookman a new and useful

### ROTARY CUTTER FOR TUNNEL BORING MACHINE

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. 12/238,372, filed September 25, 2008; 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..

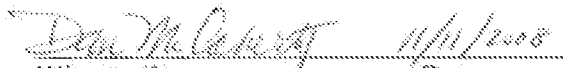
4. This assignment shall inure to the benefit of ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon ASSIGNOR, ASSIGNOR'S heirs and legal representatives.

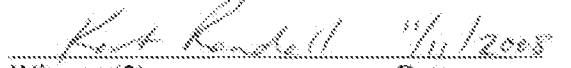
IN TESTIMONY WHEREOF, ASSIGNOR has executed this instrument.

  
GREGORY J. KAUFMANN

11/11/2008  
Date

IN WITNESS OF the execution hereof by GREGORY J. KAUFMANN we have hereunto set our hands.

  
Witness (1) 11/11/2008  
Date  
Address: 800 Debeles St.  
Washington, IL 61571

  
Witness (2) 11/11/2008  
Date  
Address: 4408 W. Bridelwood Dr.  
Peoria, IL 61615

ASSIGNMENT

WHEREAS, ROBERT L. MEYER, residing at Metamora, Illinois, hereinafter referred to as ASSIGNOR has invented together with Gregory J. Kaufmann, Thomas E. Oertley and Dennis R. Shookman a new and useful

ROTARY CUTTER FOR TUNNEL BORING MACHINE

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. 12/238,372, filed September 25, 2008; 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.

  
\_\_\_\_\_  
ROBERT L. MEYER

11-12-08  
\_\_\_\_\_  
Date

IN WITNESS OF the execution hereof by ROBERT L. MEYER we have hereunto set our hands.

David J. Buchholz 11/12/08  
\_\_\_\_\_  
Witness (1) Date  
Address: 22818 N. Antecura Rd  
Edelstein, IL 61526  
\_\_\_\_\_

Thomas E. Oertley 11/12/08  
\_\_\_\_\_  
Witness (2) Date  
Address: 5651 N. Hamilton Rd  
Peoria, IL 61614  
\_\_\_\_\_

## ASSIGNMENT

WHEREAS, DENNIS R. SHOOKMAN, residing at Washington, Illinois, hereinafter referred to as ASSIGNOR has invented together with Gregory J. Kaufmann, Robert L. Meyer and Thomas E. Oertley a new and useful

### ROTARY CUTTER FOR TUNNEL BORING MACHINE

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. 12/238,372, filed September 25, 2008; 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.

Dennis R. Shookman  
DENNIS R. SHOOKMAN

12 Nov 2008  
Date

IN WITNESS OF the execution hereof by DENNIS R. SHOOKMAN we have hereunto set our hands.

Dennis R. Shookman 12/02/2008  
Witness (1) Date  
Address: 18818 Timberlake Dr  
Eadston, IL 61526

William A. Hall 12/02/2008  
Witness (2) Date  
Address: 11906 WINDCREST CT  
DUNLAP, IL 61525

**PATENT**