

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>Mr. Tyler C. Henderson</td><td>12/07/2007</td></tr><tr><td>Mr. David A. Lucas</td><td>12/19/2007</td></tr><tr><td>Mr. Jason Stibs</td><td>12/07/2007</td></tr></tbody></table>		Name	Execution Date	Mr. Tyler C. Henderson	12/07/2007	Mr. David A. Lucas	12/19/2007	Mr. Jason Stibs	12/07/2007				
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Mr. Jason Stibs	12/07/2007												
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>Internal Address:</td><td>AB6490</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>61629-6490</td></tr></table>		Name:	Caterpillar Inc.	Street Address:	100 NE Adams Street	Internal Address:	AB6490	City:	Peoria	State/Country:	ILLINOIS	Postal Code:	61629-6490
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PROPERTY NUMBERS Total: 1													
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Application Number:	11961214												
CORRESPONDENCE DATA													
Fax Number: (309)675-1236 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: 309-675-5834													
Email: umholtz_kelly_a@cat.com													
Correspondent Name: Caterpillar Inc													
Address Line 1: 100 NE Adams Street													
Address Line 2: AB6490													
Address Line 4: Peoria, ILLINOIS 61629-6490													
ATTORNEY DOCKET NUMBER:	07-918												
NAME OF SUBMITTER:	Kelly A. Umholtz												
Total Attachments: 3													

CH \$40.00 11961214

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PATENT
REEL: 020276 FRAME: 0935

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source=07-918_Stibs_assignment#page1.tif

ASSIGNMENT

WHEREAS, TYLER C. HENDERSON, residing at Peoria, Illinois, hereinafter referred to as ASSIGNOR has invented together with David A. Lucas and Jason Stibs a new and useful

VALVE AND ASSOCIATED SYSTEM AND METHOD

for which ASSIGNOR is 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 ASSIGNOR on 12/07/07; 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;

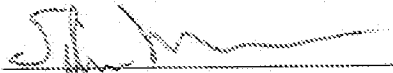
1. ASSIGNOR hereby sells, assigns, transfers and conveys unto ASSIGNEE the entire right, title and interest in and to said invention, any application therefor, and any Letters Patent granted thereon by the United States of America and any foreign country, including any continuing application, reissue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

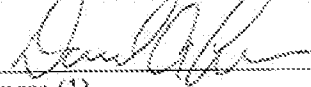


TYLER C. HENDERSON

12/07/07

Date

IN WITNESS OF the execution hereof by TYLER C. HENDERSON we have hereunto set our hands.



Witness (1) Date

Address: 435 MacKenzie Pl.

Metamora, IL 61551



Witness (2) Date

Address: 1303 Lincoln Rd

Macquettette Heights IL 61554

ASSIGNMENT

WHEREAS, DAVID A. LUCAS, residing at Metamora, Illinois, hereinafter referred to as ASSIGNOR has invented together with Tyler C. Henderson and Jason Stibs a new and useful

VALVE AND ASSOCIATED SYSTEM AND METHOD

for which ASSIGNOR is 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 ASSIGNOR on 12-19-07; 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.

David A. Lucas
DAVID A. LUCAS

12-19-07
Date

IN WITNESS OF the execution hereof by DAVID A. LUCAS we have hereunto set our hands.

Jason Stibs 12-19-07
Witness (1) Date

Address: 13076 Lincoln Rd

Northville Heights, IL 61857

Jason Stibs 12-19-07
Witness (2) Date

Address: 1415 N 435 GILBERT AVE

PEORIA, IL 61604

ASSIGNMENT

WHEREAS, JASON STIBS, residing at Marquette Heights, Illinois, hereinafter referred to as ASSIGNOR has invented together with Tyler C. Henderson and David A. Lucas a new and useful

VALVE AND ASSOCIATED SYSTEM AND METHOD

for which ASSIGNOR is 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 ASSIGNOR on 12/07/07; 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.

Jason Stibs
JASON STIBS

12-07-07
Date

IN WITNESS OF the execution hereof by JASON STIBS we have hereunto set our hands.

[Signature]
Witness (1) Date
Address: 1415 WEST WILSON AVE
PEORIA, IL 61604

David A. Lucas 12/07/07
Witness (2) Date
Address: 435 MACKENZIE PL
METAMORA, IL 61550