

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Michael G. Cronin</td> <td>09/07/2010</td> </tr> <tr> <td>Brian Mintah</td> <td>09/15/2010</td> </tr> <tr> <td>Benjamin T. Nelson</td> <td>09/02/2010</td> </tr> </tbody> </table>		Name	Execution Date	Michael G. Cronin	09/07/2010	Brian Mintah	09/15/2010	Benjamin T. Nelson	09/02/2010				
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">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>AH 9510</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	Internal Address:	AH 9510	City:	Peoria	State/Country:	ILLINOIS	Postal Code:	61629-9510
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
<p>Fax Number: (309)675-1236</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 309-675-5140</p> <p>Email: US_Docket_Clerk@cat.com</p> <p>Correspondent Name: Caterpillar Inc. Intellectual Property D</p> <p>Address Line 1: AH 9510</p> <p>Address Line 2: 100 N.E. Adams Street</p> <p>Address Line 4: PEORIA, ILLINOIS 61629-9510</p>													
ATTORNEY DOCKET NUMBER:	08-1322												
NAME OF SUBMITTER:	Kelly A. Umholtz												
Total Attachments: 3													

CH \$40.00 12883262

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PATENT
REEL: 024996 FRAME: 0261

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ASSIGNMENT

WHEREAS, BENJAMIN THOMAS NELSON, residing at Peoria, Illinois, hereinafter referred to as ASSIGNOR has invented together with Michael G. Cronin and Brian Mintah a new and useful

HIGH RESPONSE HYDRAULIC ACTUATOR

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 _____; 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..

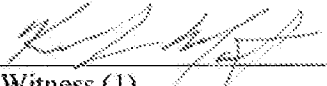
4. This assignment shall inure to the benefit of ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon ASSIGNOR, ASSIGNOR'S heirs and legal representatives.

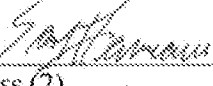
IN TESTIMONY WHEREOF, ASSIGNOR has executed this instrument.


BENJAMIN THOMAS NELSON

9-2-10
Date

IN WITNESS OF the execution hereof by BENJAMIN THOMAS NELSON we have hereunto set our hands.

 9-2-10
Witness (1) Date
Address: Kevin Martin
18 State Route 26
Washburn, IL 61570

 9-2-10
Witness (2) Date
Address: Scott Faurneau
6812 N. Fairdale Dr.
Peoria, IL 61615

ASSIGNMENT

WHEREAS, BRIAN MINTAH, residing at Washington, Illinois, hereinafter referred to as ASSIGNOR has invented together with Michael G. Cronin and Benjamin Thomas Nelson a new and useful

HIGH RESPONSE HYDRAULIC ACTUATOR

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 _____; 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;

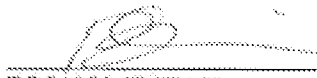
1. ASSIGNOR hereby sells, assigns, transfers and conveys unto ASSIGNEE the entire right, title and interest in and to said invention, any application therefor, and any Letters Patent granted thereon by the United States of America and any foreign country, including any continuing application, reissue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

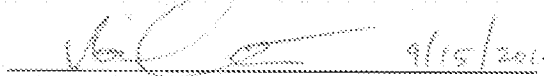
IN TESTIMONY WHEREOF, ASSIGNOR has executed this instrument.


BRIAN MINTAH

9/15/2010
Date

IN WITNESS OF the execution hereof by BRIAN MINTAH we have hereunto set our hands.


Witness (1) 9/15/10
Date
Address: 115 S. Spruce St.
Washington, IL 61571


Witness (2) 9/15/2010
Date
Address: 1929 English Oak Ln.
Washington, IL 61571

ASSIGNMENT

WHEREAS, MICHAEL G. CRONIN, residing at Peoria, Illinois, hereinafter referred to as ASSIGNOR has invented together with Benjamin Thomas Nelson and Brian Mintah a new and useful

HIGH RESPONSE HYDRAULIC ACTUATOR

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 _____; 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.

Michael G. Cronin
MICHAEL G. CRONIN

7 Sep 2010
Date

IN WITNESS OF the execution hereof by MICHAEL G. CRONIN we have hereunto set our hands.

Jerese A. Johnston 9-7-10
Witness (1) Date
Address: 6709 N. Talisman Ter.
Peoria, IL 61615

Charlotte Cronin 9-7-10
Witness (2) Date
Address: 5739 W. Martindale
Peoria, IL 61615