

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Alexander Cameron Crosman III</td> <td>10/12/2012</td> </tr> <tr> <td>Joshua M. Williams</td> <td>10/12/2012</td> </tr> </tbody> </table>		Name	Execution Date	Alexander Cameron Crosman III	10/12/2012	Joshua M. Williams	10/12/2012				
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<table border="1"> <tr> <td>Name:</td> <td>Caterpillar Inc.</td> </tr> <tr> <td>Street Address:</td> <td>100 North Adams</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</td> </tr> </table>		Name:	Caterpillar Inc.	Street Address:	100 North Adams	City:	Peoria	State/Country:	ILLINOIS	Postal Code:	61629
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 312-977-9903 Email: mboinski@millermatthiashull.com Correspondent Name: Caterpillar/ Miller, Matthias & Hull LLP Address Line 1: One North Franklin Street Address Line 2: Suite 2350 Address Line 4: Chicago, ILLINOIS 60606</p>											
ATTORNEY DOCKET NUMBER:	50100/12-0441										
NAME OF SUBMITTER:	Jeffrey K. Berger										
<p>Total Attachments: 2 source=12-0441_Executed_Assignment#page1.tif source=12-0441_Executed_Assignment#page2.tif</p>											

OP \$40.00 13655019

ASSIGNMENT

WHEREAS, ALEXANDER CAMERON CROSMAN III, residing at Dunlap, Illinois, hereinafter referred to as ASSIGNOR has invented together with Joshua M. Williams a new and useful

TRACTION MOTOR RETARDING FLUX REFERENCE

for which ASSIGNOR has made application for Letters Patent in the United States of America, such invention being described and identified by said application filed herewith; 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.

Alexander Crosman III
ALEXANDER CAMERON CROSMAN III

October 12, 2012
Date

IN WITNESS OF the execution hereof by ALEXANDER CAMERON CROSMAN III we have hereunto set our hands.

Joshua M. Williams 10/12/2012
Witness (1) Date
Address: 9910 N. Andy Ct.
Peoria, IL 61615

B. Kei 10/12/2012
Witness (2) Date
Address: 119 S Beth Ct
Fr Peoria IL 61611

ASSIGNMENT

WHEREAS, JOSHUA M. WILLIAMS, residing at Peoria, Illinois, hereinafter referred to as ASSIGNOR has invented together with Alexander Cameron Crosman III a new and useful

TRACTION MOTOR RETARDING FLUX REFERENCE

for which ASSIGNOR has made application for Letters Patent in the United States of America, such invention being described and identified by said application filed herewith; 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;

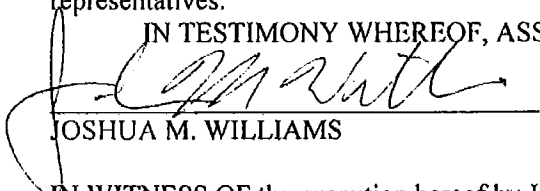
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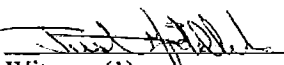
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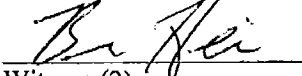


JOSHUA M. WILLIAMS

October 12, 2012
Date

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Peoria, IL 61615

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