

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>Henrik Herold</td><td>06/22/2011</td></tr><tr><td>Ulrich Holst</td><td>06/22/2011</td></tr><tr><td>Frank Witt</td><td>06/22/2011</td></tr><tr><td>Eike Joachim Sixel</td><td>06/22/2011</td></tr></tbody></table>	Name	Execution Date	Henrik Herold	06/22/2011	Ulrich Holst	06/22/2011	Frank Witt	06/22/2011	Eike Joachim Sixel	06/22/2011	
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Henrik Herold	06/22/2011										
Ulrich Holst	06/22/2011										
Frank Witt	06/22/2011										
Eike Joachim Sixel	06/22/2011										
RECEIVING PARTY DATA											
Name:	Caterpillar Motoren GmbH & Co. KG										
Street Address:	Falckensteiner Strasse 2										
City:	Kiel										
State/Country:	GERMANY										
Postal Code:	24159										
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>13166112</td></tr></tbody></table>	Property Type	Number	Application Number:	13166112							
Property Type	Number										
Application Number:	13166112										
CORRESPONDENCE DATA											
Fax Number: (309)675-1236 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 309-636-1569											
Email: US_Docket_Clerk@Cat.com											
Correspondent Name: Caterpillar Inc. Intellectual Property											
Address Line 1: 100 NE Adams											
Address Line 2: AH9510											
Address Line 4: Peoria, ILLINOIS 61629-9510											
ATTORNEY DOCKET NUMBER:	11-0451										
NAME OF SUBMITTER:	Susan M Hudson										
Total Attachments: 4 source=11-0451-US-Assignments#page1.tif source=11-0451-US-Assignments#page2.tif source=11-0451-US-Assignments#page3.tif source=11-0451-US-Assignments#page4.tif											

CH \$40.00 13166112

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PATENT
REEL: 026494 FRAME: 0910

ASSIGNMENT

WHEREAS, HENDRIK HEROLD, residing at Kiel, GERMANY, hereinafter referred to as ASSIGNOR has invented together with Ulrich Holst, Eike Joachim Sixel and Frank Witt a new and useful

PRE-COMBUSTION CHAMBER TIP

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 Motoren GmbH & Co. KG, a German company, having a place of business at Kiel, Germany, 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;

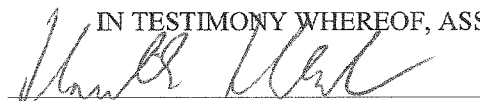
1. ASSIGNOR hereby sells, assigns, transfers and conveys unto ASSIGNEE the entire right, title and interest in and to said invention, any application therefor, and any Letters Patent granted thereon by the United States of America and any foreign country, including any continuing application, reissue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

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.




HENDRIK HEROLD

22.06.11


Date

IN WITNESS OF the execution hereof by HENDRIK HEROLD we have hereunto set our hands.



Witness (1) Date
Address: Eike Joachim Sixel _____

Niebuhrstrasse 10 _____
24118 Kiel, Germany _____



Witness (2) Date
Address: Ulrich Holst _____

Sanddornweg 33 _____
24161 Altenholz, Germany _____

ASSIGNMENT

WHEREAS, ULRICH HOLST, residing at Altenholz, GERMANY, hereinafter referred to as ASSIGNOR has invented together with Hendrik Herold, Eike Joachim Sixel and Frank Witt a new and useful

PRE-COMBUSTION CHAMBER TIP

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 Motoren GmbH & Co. KG, a German company, having a place of business at Kiel, Germany, 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 Motoren GmbH & Co. KG.

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.

Ulrich Holst
ULRICH HOLST

22. June 2011
Date

IN WITNESS OF the execution hereof by ULRICH HOLST we have hereunto set our hands.

Eike Joachim Sixel
Witness (1) _____ Date _____
Address: Eike Joachim Sixel _____
Niebuhrstrasse 10 _____
24118 Kiel, Germany _____

Hendrik Herold 22.06.11
Witness (2) _____ Date _____
Address: Hendrik Herold _____
Gravensteiner Strasse 45 _____
24159 Kiel, Germany _____

ASSIGNMENT

WHEREAS, FRANK WITT, residing at Bordesholm, GERMANY, hereinafter referred to as ASSIGNOR has invented together with Ulrich Holst, Hendrik Herold and Eike Joachim Sixel a new and useful

PRE-COMBUSTION CHAMBER TIP

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 Motoren GmbH & Co. KG, a German company, having a place of business at Kiel, Germany, 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 Motoren GmbH & Co. KG.

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.

 _____ FRANK WITT	22.06.11 _____ Date
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IN WITNESS OF the execution hereof by FRANK WITT we have hereunto set our hands.

 _____ HENDRIK HEROLD Date	 _____ EIKE JOACHIM SIXEL Date
Address:	Address:

Gravensteiner Strasse 45
24159 Kiel
GERMANY

Niebuhrstraße 10
24118 Kiel
GERMANY

ASSIGNMENT

WHEREAS, EIKE JOACHIM SIXEL, residing at Kiel, GERMANY, hereinafter referred to as ASSIGNOR has invented together with Ulrich Holst, Hendrik Herold and Frank Witt a new and useful

PRE-COMBUSTION CHAMBER TIP

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 Motoren GmbH & Co. KG, a German company, having a place of business at Kiel, Germany, 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 Motoren GmbH & Co. KG.

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.



EIKE JOACHIM SIXEL
22.06.2011

Date

IN WITNESS OF the execution hereof by EIKE JOACHIM SIXEL we have hereunto set our hands.

 _____ U. Holst 22.06.2011 _____ Date	 _____ H. Herold 22.06.2011 _____ Date
Witness (1) Address: Sanddornweg 33 _____ D24161 Altenholz _____ GERMANY	Witness (2) Address: Gravensteiner Strasse 45 _____ D24159 Kiel _____ GERMANY