

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>Chinpei Tang</td> <td>10/16/2012</td> </tr> <tr> <td>Timo Diekmann</td> <td>11/20/2012</td> </tr> <tr> <td>Vin J. Varghese</td> <td>10/16/2012</td> </tr> <tr> <td>Marcus U. Bahtz</td> <td>11/15/2012</td> </tr> </tbody> </table>		Name	Execution Date	Chinpei Tang	10/16/2012	Timo Diekmann	11/20/2012	Vin J. Varghese	10/16/2012	Marcus U. Bahtz	11/15/2012
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Timo Diekmann	11/20/2012										
Vin J. Varghese	10/16/2012										
Marcus U. Bahtz	11/15/2012										
RECEIVING PARTY DATA											
Name:	Caterpillar Global Mining Equipment LLC										
Street Address:	1100 Milwaukee Avenue, P.O. Box 500										
City:	South Milwaukee										
State/Country:	WISCONSIN										
Postal Code:	53172										
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>29432894</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	29432894						
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CORRESPONDENCE DATA											
Fax Number:	2026725399										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	414-271-2400										
Email:	IPDocketing@foley.com, mmathes@foley.com										
Correspondent Name:	John M. Lazarus										
Address Line 1:	3000 K Street N.W., Suite 600										
Address Line 2:	FOLEY & LARDNER LLP										
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20007-5109										
ATTORNEY DOCKET NUMBER:	017330-0700										
NAME OF SUBMITTER:	John M. Lazarus										
Total Attachments: 4 source=Assignment(s)#page1.tif source=Assignment(s)#page2.tif source=Assignment(s)#page3.tif source=Assignment(s)#page4.tif											

OP \$40.00 29432894

ASSIGNMENT

WHEREAS, **CHINPEI TANG**, residing at **McKinney, Texas**, hereinafter referred to as ASSIGNOR has invented together with **TIMO DIEKMANN, VIN J. VARGHESE, and MARCUS U. BÄHTZ**, a new and useful

GRAPHICAL USER INTERFACE

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. **29/432,894**, filed **9/21/2012**; and

WHEREAS, Caterpillar Global Mining Equipment LLC, a limited liability company having a place of business at South Milwaukee, State of Wisconsin, 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..

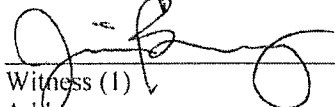
4. This assignment shall inure to the benefit of ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon ASSIGNOR, ASSIGNOR'S heirs and legal representatives.

IN TESTIMONY WHEREOF, ASSIGNOR has executed this instrument.



CHINPEI TANG
Date 10/18/2012

IN WITNESS OF the execution hereof by CHINPEI TANG we have hereunto set our hands.



Witness (1) Date 10/16/2012
Address: _____



Witness (2) Date 10/16/2012
Address: _____

1970 Grassmere Ln #2222
McKinney, TX 75071

1042 Alexis Drive
Pottsboro, TX 75076

ASSIGNMENT

WHEREAS, **TIMO DIEKMANN**, residing at **Castrop-Rauxel, Germany**, hereinafter referred to as ASSIGNOR has invented together with **CHINPEI TANG, VIN J. VARGHESE, and MARCUS U. BÄHTZ**, a new and useful

GRAPHICAL USER INTERFACE

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. **29/432,894**, filed **9/21/2012**; and

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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 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.


TIMO DIEKMANN

20 11 2012
Date

IN WITNESS OF the execution hereof by TIMO DIEKMANN we have hereunto set our hands.

 25.12.12
Witness (1) Date
Address: Kaule Horn Str. 3b
46165 Dortmunder
Gerhardshagen

 20.11.12
Witness (2) Date
Address: Willi-Kubmann Str. 4
58730 Fröndenberg
Germany

ASSIGNMENT

WHEREAS, **VIN J. VARGHESE**, residing at **McKinney, Texas**, hereinafter referred to as ASSIGNOR has invented together with **CHINPEI TANG, TIMO DIEKMANN, and MARCUS U. BÄHTZ**, a new and useful

GRAPHICAL USER INTERFACE

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. **29/432,894**, filed **9/21/2012**; and

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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 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.


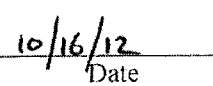
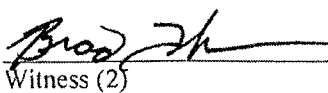
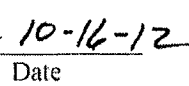


VIN J. VARGHESE



Date

IN WITNESS OF the execution hereof by VIN J. VARGHESE we have hereunto set our hands.

 _____ Witness (1)	 _____ Date	 _____ Witness (2)	 _____ Date
Address: _____ <u>1042 Alexis Drive</u> <u>Pottsboro, TX 75076</u>		Address: _____ <u>400 Shepherd Rd</u> <u>Sherman, TX 75090</u>	

ASSIGNMENT

WHEREAS, **MARCUS U. BÄHTZ**, residing at **Duisburg, Germany**, hereinafter referred to as ASSIGNOR has invented together with **CHINPEI TANG, TIMO DIEKMANN, and VIN J. VARGHESE**, a new and useful

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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. **29/432,894**, filed **9/21/2012**; and

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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.

Marcus U. Bähitz
MARCUS U. BÄHTZ

15. Nov 2012
Date

IN WITNESS OF the execution hereof by **MARCUS U. BÄHTZ** we have hereunto set our hands.

Carsten Trapp 15.11.12
Witness (1) Date
Address: Freiligrathstr. 55
44791 Doctum
Germany

Arthur Cesarz 15.11.2012
Witness (2) Date
Address: Witzheldener Str 52
51399 Buxteid
Germany