

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT2650000

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>MICHAEL W. RIES</td> <td>12/09/2013</td> </tr> <tr> <td>BRYAN J. DOWNING</td> <td>12/13/2013</td> </tr> <tr> <td>KENG Y. LOW</td> <td>12/13/2013</td> </tr> <tr> <td>JON M. SCHARF</td> <td>12/13/2013</td> </tr> </tbody> </table>		Name	Execution Date	MICHAEL W. RIES	12/09/2013	BRYAN J. DOWNING	12/13/2013	KENG Y. LOW	12/13/2013	JON M. SCHARF	12/13/2013
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>CATERPILLAR PAVING PRODUCTS INC.</td> </tr> <tr> <td>Street Address:</td> <td>9401 85TH AVENUE NORTH</td> </tr> <tr> <td>City:</td> <td>BROOKLYN PARK</td> </tr> <tr> <td>State/Country:</td> <td>MINNESOTA</td> </tr> <tr> <td>Postal Code:</td> <td>55445-2199</td> </tr> </table>		Name:	CATERPILLAR PAVING PRODUCTS INC.	Street Address:	9401 85TH AVENUE NORTH	City:	BROOKLYN PARK	State/Country:	MINNESOTA	Postal Code:	55445-2199
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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>14107517</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14107517						
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CORRESPONDENCE DATA											
<p>Fax Number: (309)675-1236</p> <p>Phone: 309-675-5140</p> <p>Email: US_Docket_Clerk@cat.com</p> <p><i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i></p> <p>Correspondent Name: CATERPILLAR INC. INTELLECTUAL PROPERTY D</p> <p>Address Line 1: 100 N.E. ADAMS STREET</p> <p>Address Line 2: AH9510</p> <p>Address Line 4: PEORIA, ILLINOIS 61629-9510</p>											
ATTORNEY DOCKET NUMBER:	13-0849										
NAME OF SUBMITTER:	MARY M. UMHOLTZ										

Signature:	/Mary M. Umholtz/
Date:	12/16/2013
<b>Total Attachments: 5</b> source=13-0849-Assignments#page1.tif source=13-0849-Assignments#page2.tif source=13-0849-Assignments#page3.tif source=13-0849-Assignments#page4.tif source=13-0849-Assignments#page5.tif	

**ASSIGNMENT**

WHEREAS We, the below named inventors, [hereinafter referred to as Assignors], have made an invention entitled:

**SYSTEM FOR ADJUSTING THE PRESSURE AND TEMPERATURE OF A COMPACTING MEMBER**

for which WE will file a patent application; and

WHEREAS, **Caterpillar Paving Products Inc.**, a corporation of Oklahoma, having a place of business at **Brooklyn Park, Minnesota, United States of America** (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, and in and to the patent application for this invention and any and all patents to be issued upon this application throughout the world;

NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, We, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, and this application, and all divisions, and continuations thereof, and all patents which may be granted thereon, and all reissues thereof, as well as all rights to claim priority in any country or jurisdiction or patent office on the basis of this application, and all applications for patents which may hereafter be filed for this invention in any country or jurisdiction or patent office and all patents which may be granted on this invention in any country or jurisdiction or patent office, and all extensions, renewals, and reissues thereof; and We hereby authorize and request any official of any country or jurisdiction or patent office whose duty it is to issue patents on applications as described above, to issue all patents for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

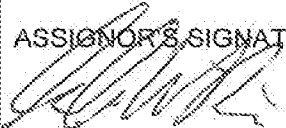
AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

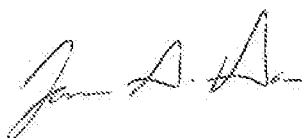
AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in any country or jurisdiction or patent office, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns;


AND, WE HEREBY authorize Assignee or the attorneys/representatives of Assignee to insert here in parentheses the country, application number, and official filing date ( \_\_\_\_\_ Application No. \_\_\_\_\_, filed \_\_\_\_\_ ).


IN TESTIMONY WHEREOF, I have hereunto set my hand.

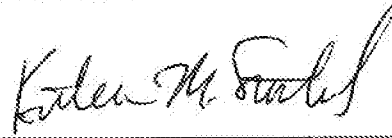
SOLE/JOINT INVENTION  
(Worldwide Rights)  
Client Ref. No. 13-0849

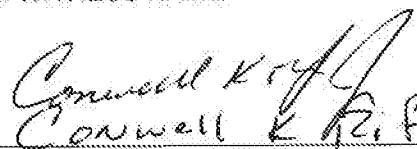
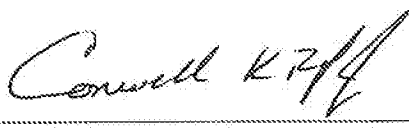
1. FULL NAME OF FIRST ASSIGNOR MICHAEL W. RIES	ASSIGNOR'S SIGNATURE 	DATE 12-9-2013
ADDRESS 1160 119Th Avenue Nw Coon Rapids, Minnesota 55448-2071		CITIZENSHIP US

1. WITNESS NAME JASON HARRIS	WITNESS SIGNATURE 	DATE 12-9-2013
ADDRESS 11660 134 <sup>th</sup> Ave N, DORTON MN 55327		

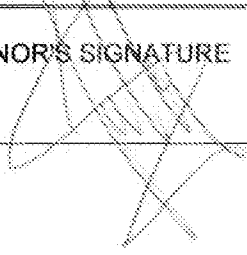
2. WITNESS NAME BRENNA MORRIS	WITNESS SIGNATURE 	DATE 12-9-2013
ADDRESS 19036 227th AVE, BIG LAKE, MN 55309		

1. FULL NAME OF SECOND ASSIGNOR <b>BRYAN J. DOWNING</b>	ASSIGNOR'S SIGNATURE 	DATE 12-13-13
ADDRESS 11439 Rosemill Court Champlin, Minnesota 55316-2654		CITIZENSHIP US

1. WITNESS NAME KRISTIAN M STOECKER	WITNESS SIGNATURE 	DATE 12-13-13
ADDRESS 15380 55 <sup>th</sup> Ct N		
Plymouth, MN 55446		

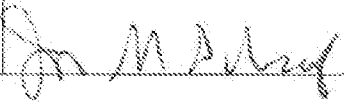
2. WITNESS NAME  Cornwell K Krzyz Jr	WITNESS SIGNATURE 	DATE 12-13-13
ADDRESS 14888 Pond View, WYBETH MN 55391		

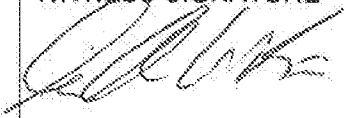
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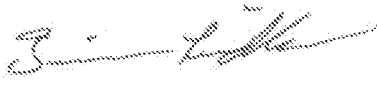
1. FULL NAME OF THIRD ASSIGNOR KENG Y. LOW	ASSIGNOR'S SIGNATURE 	DATE
ADDRESS 6623 Peony Lane Maple Grove, Minnesota 55311-2985		CITIZENSHIP SG

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		

1. FULL NAME OF FOURTH ASSIGNOR JON M. SCHARF	ASSIGNOR'S SIGNATURE 	DATE 12-13-13
ADDRESS 6260 Magnolia Lane N Maple Grove, Minnesota 55369-6323		CITIZENSHIP US

1. WITNESS NAME MICHAEL W. RIES	WITNESS SIGNATURE 	DATE 12-13-13
ADDRESS 1160 119TH AVE NW COON RAPIDS MN 55448		

2. WITNESS NAME Tim Lindholm	WITNESS SIGNATURE 	DATE 12-13-13
ADDRESS 11691 Hupp St. NE Blaine, MN 55449		