PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KRISTIAN STOECKEL	07/09/2014
LIQUN CHI	06/10/2014
PAUL CORCORAN	06/10/2014

RECEIVING PARTY DATA

Name:	CATERPILLAR PAVING PRODUCTS INC.	
Street Address:	9401 85TH AVENUE, NORTH	
City:	BROOKLYN PARK	
State/Country:	MINNESOTA	
Postal Code:	55445-2199	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14301778

CORRESPONDENCE DATA

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Address Line 2: 1050 CONNECTICUT AVE, NW Address Line 4: WASHINGTON, D.C. 20036

ATTORNEY DOCKET NUMBER:	86703.22380
NAME OF SUBMITTER:	P. ALAN LARSON
SIGNATURE:	/P. Alan Larson/
DATE SIGNED:	07/18/2014

Total Attachments: 4

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PATFNT

502899021 REEL: 033346 FRAME: 0890

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

SYSTEM AND METHOD FOR DETERMINING A MODULUS OF RESILIENCE

for which I/We will or have filed a patent application; and

WHEREAS, **Caterpillar Paving Products Inc.**, a corporation of Oklahoma, whose post office address is **9401 85**th **Avenue, North, Brooklyn Park, Minnesota 55445-2199** (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, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/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 I/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, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/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, I/WE HEREBY authorize Assignee or the attorneys/representatives of Assignee to insert here in parentheses the country, application number, and/or official filing date (U.S. Application No. <u>14/301,778</u>, filed <u>June 11, 2014</u>).

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. **86703.22380** Client Ref. No. **14-0269**

1. FULL NAME OF FIRST (OR SOLE) ASSIGNOR Kristian Stoeckel ASSIGNOR'S SIGNATURE Line Line Line Line Line Line Line Line	9 July 2014
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SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. **86703.22380** Client Ref. No. **14-0269**

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