PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TOBY FRELICH	07/28/2014
RICKY MINGS	07/28/2014

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14444077

CORRESPONDENCE DATA

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Address Line 2: SUITE 2350

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ATTORNEY DOCKET NUMBER:	50100/14-0928
NAME OF SUBMITTER:	NICOLE M. BULMAN
SIGNATURE:	/Nicole M. Bulman/
DATE SIGNED:	08/08/2014

Total Attachments: 3

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PATENT 502927443 REEL: 033494 FRAME: 0216

JOINT INVENTION (Worldwide Rights) Attorney Docket No. 50100/14-0928 Client Ref. No. 14-0928

ASSIGNMENT

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

AUTOMATIC MATERIAL PRE-FILL CONTROL PROCESS FOR PAVING MACHINE

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

WHEREAS, Caterpillar Paving Products Inc., an OKLAHOMA corporation having a place of business at 9401 85th Avenue North, Brooklyn Park, State of Minnesota, 55445, 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, 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, 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, WE HEREBY further covenant and agree that 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, WE HEREBY authorize the attorneys/representatives that we have empowered to prosecute this application filed herewith.

IN TESTIMONY WHEREOF, We have hereunto set our hands.

JOINT INVENTION (Worldwide Rights) Attorney Docket No. 50100/14-0928 Client Ref. No. 14-0928

FULL NAME OF SOLE OR FIRST ASSIGNOR Toby Frelich	ASSIGNOR'S SIGNATURE	7/28/2014
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JOINT INVENTION (Worldwide Rights) Attorney Docket No. 50100/14-0928 Client Ref. No. 14-0928

2. FULL NAME OF JOINT OR SECOND ASSIGNOR Ricky Mings	ASSIGNOR'S SIGNATURE	date 7/28/2c/4
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1. WITHESS NAME SAMESON SAMESON	WITNESS SIGNATURE	DATE 0.7/38 30/4
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