505822622 12/16/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NICHOLAS A OETKEN	10/01/2019
TOD A. OBLAK	10/02/2019

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16678443	

CORRESPONDENCE DATA

Fax Number:

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.

Phone: 5714320800

Email: kpaige@harrityllp.com Correspondent Name: HARRITY & HARRITY, LLP Address Line 1: 11350 RANDOM HILLS ROAD

Address Line 2: SUITE 600

Address Line 4: FAIRFAX, VIRGINIA 22030

ATTORNEY DOCKET NUMBER:	19-0734-73109
NAME OF SUBMITTER:	SARA STESNEY
SIGNATURE:	/Sara Stesney/
DATE SIGNED:	12/16/2019

Total Attachments: 3

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> **PATENT REEL: 051293 FRAME: 0673** 505822622

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 0101-0192 Client Ref. No. 19-0734-73109

ASSIGNMENT

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

GROUND PENETRATING RADAR SYSTEM

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 85th Avenue N, Brooklyn Park, Minnesota 55445-2199, U.S.A. (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/W	Έ HEREBY αι	uthorize the	attorneys/	represer	ntatives that	I/WE have emp	owered to pro	secute this
application to inse	ert here in pare	entheses th	e country,	applicati	ion number,	and official filing	, date (
Application No.	16/678.443	, filed No	ovember 8.	2019).			

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 9181-0192 Client Ref. No. 19-0734-73103

IN TESTIMONY WHEREOF, If We have hereunto set our hands.

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SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 0101-0192 Client Ref. No. 19-0734-73109

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

FULL NAME OF ASSISTANCE TOOL A. OBLAK	ASSIGNORS SIGNATURE	DATE 10/2/19	
ADDRESS 6 Grayhurst Dr. Pittsburgh, PA 15235 US		CITIZENSHIP US	
1. Withess name 5/80 D. H. Tolka	WITNESS SIGNATURE	DATE 10/2/197	
appress 204 <u>0.47746</u> y ()/		CITZENSHIP	
2. WITNESS NAME LANGE (SOUTH METARE)	VATNESS SIGNATURE A. A	DATE /0 /02/2015	
ADDRESS \\S\C\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Causery Perrosposity PA (52377	CITIZENSHIP	

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PATENT REEL: 051293 FRAME: 0676

RECORDED: 12/16/2019