

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6548948

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MATTHEW-D. S. FRANTZ	02/09/2021
GARRETT D. REED	02/08/2021
RECEIVING PARTY DATA	
Name:	CATERPILLAR PAVING PRODUCTS INC.
Street Address:	9401 85TH AVE. N.,
City:	BROOKLYN PARK
State/Country:	MINNESOTA
Postal Code:	55445
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17174366
CORRESPONDENCE DATA	
Fax Number:	
<i>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.</i>	
Phone:	5713766333
Email:	anaquaddocketing@Xsensus.com
Correspondent Name:	XSENSUS LLP
Address Line 1:	200 DAINGERFIELD ROAD
Address Line 2:	SUITE 201
Address Line 4:	ALEXANDRIA, VIRGINIA 22314
ATTORNEY DOCKET NUMBER:	20-0942US01
NAME OF SUBMITTER:	TIERNEY FARRELL
SIGNATURE:	/Tierney Farrell/
DATE SIGNED:	02/12/2021
Total Attachments: 4	
source=20-0942US01_Assignments#page1.tif	
source=20-0942US01_Assignments#page2.tif	
source=20-0942US01_Assignments#page3.tif	
source=20-0942US01_Assignments#page4.tif	

ASSIGNMENT

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

SYSTEM, APPARUS, AND METHOD FOR DETERMINING DISTANCE TO A GROUND SURFACE COVERED WITH VEGETATION FOR OPERATION OF A MILLING OR RECLAMATION MACHINE

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

WHEREAS, **Caterpillar Paving Products Inc.**, a corporation of **Minnesota**, whose post office address is **9401 85th Ave. N., Brooklyn Park, MN 55445, 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;

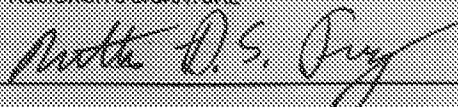
NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, 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/WE HEREBY authorize the attorneys/representatives that I/WE have empowered to prosecute this application to insert here in parentheses the country, application number, and official filing date (_____)
Application No. _____, filed _____.

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

1. FULL NAME OF SOLE OR FIRST ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
Matthew-D. S. Frantz		2/9/21
ADDRESS		CITIZENSHIP
10145 Wild Duck Pass, Eden Prairie, MN 55347		USA

1. WITNESS NAME <i>Jessica Frantz</i>	WITNESS SIGNATURE <i>Jessica Frantz</i>	DATE <i>02/09/2021</i>
ADDRESS <i>10145 Wild Duck Pass, Eden Prairie, MN 55347</i>		CITIZENSHIP <i>USA</i>

2. WITNESS NAME <i>MATT TROM</i>	WITNESS SIGNATURE <i>Matt Trom</i>	DATE <i>02/10/2021</i>
ADDRESS <i>11295 RED LEAF DR. ROBERTS, MN 55374</i>		CITIZENSHIP <i>USA</i>

2. FULL NAME OF SECOND ASSIGNOR, IF ANY <i>Garrett D. Reed</i>	ASSIGNOR'S SIGNATURE	DATE
ADDRESS <i>26052 157th St NW, Big Lake, MN 55309</i>		CITIZENSHIP <i>USA</i>

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

ASSIGNMENT

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

SYSTEM, APPARUS, AND METHOD FOR DETERMINING DISTANCE TO A GROUND SURFACE COVERED WITH VEGETATION FOR OPERATION OF A MILLING OR RECLAMATION MACHINE

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

WHEREAS, Caterpillar Paving Products Inc., a corporation of Minnesota, whose post office address is 9401 85th Ave. N., Brooklyn Park, MN 55445, 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/WE HEREBY authorize the attorneys/representatives that I/WE have empowered to prosecute this application to insert here in parentheses the country, application number, and official filing date (_____ Application No. _____, filed _____).

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

1. FULL NAME OF SOLE OR FIRST ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
Matthew-D. S. Frantz		
ADDRESS		CITIZENSHIP
10145 Wild Duck Pass, Eden Prairie, MN 55347		USA

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. FULL NAME OF SECOND ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
Garrett D. Reed	<i>Garrett D. Reed</i>	2/8/2021
ADDRESS		CITIZENSHIP
26062 157th St NW, Big Lake, MN 55309		USA

1. WITNESS NAME	WITNESS SIGNATURE	DATE
BRYCE WITTEMARKT	<i>Bryce Wittemarkt</i>	2/8/21
ADDRESS		CITIZENSHIP
27315 114TH ST ZIMMERMAN, MN 55398		US

2. WITNESS NAME	WITNESS SIGNATURE	DATE
Mark Morse	<i>Mark Morse</i>	2/8/21
ADDRESS		CITIZENSHIP
13208 Oakwood Dr Rogers MN 55374		US