

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5093858

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MARCO CESARI	07/31/2018
DANILO CIARDULLO	07/31/2018
VALERIO E. D'ASCANIO	08/01/2018
DARIO SANSONE	07/31/2018
PRASAD S. VIRGI	07/31/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CATERPILLAR PAVING PRODUCTS INC.
<b>Street Address:</b>	9401 85TH AVENUE N
<b>City:</b>	BROOKLYN PARK
<b>State/Country:</b>	MINNESOTA
<b>Postal Code:</b>	55445-2199
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16101605
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(309)675-1236
<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>	
<b>Phone:</b>	309 675-5140
<b>Email:</b>	US_docket_clerk@cat.com
<b>Correspondent Name:</b>	CATERPILLAR INC. JOINT OC
<b>Address Line 1:</b>	100 NE ADAMS
<b>Address Line 4:</b>	PEORIA, ILLINOIS 61629-9510
<b>ATTORNEY DOCKET NUMBER:</b>	18-0499
<b>NAME OF SUBMITTER:</b>	KELLY A UMHOLTZ
<b>SIGNATURE:</b>	/kelly a umholtz/
<b>DATE SIGNED:</b>	08/13/2018
<b>Total Attachments: 10</b>	
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source=18-0499-US-Assignment#page10.tif

**ASSIGNMENT**

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

**BLOCK POSITIONING TOOL**

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;

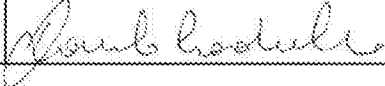
AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver 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/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 FIRST ASSIGNOR  MARCO CESARI	ASSIGNOR'S SIGNATURE  	DATE  31/07/18
ADDRESS :	CITIZENSHIP	
VIA ANTONIO D'ORMEA, 3/C, -40054- BUDRIO (BO) ITALY		IT

1. WITNESS NAME VALELIO D'ASCANIO	WITNESS SIGNATURE 	DATE 31/07/2018
ADDRESS VIA IRMA BANDIERA 58, 40059, GRANGIARO DELL'EMILIA (BO)	CITIZENSHIP IT	

2. WITNESS NAME DANILO RIARDULLO	WITNESS SIGNATURE 	DATE 31/07/2018
ADDRESS VIA GARIBALDI 48, 40061, MIVERBIO (BO)	CITIZENSHIP IT	

**ASSIGNMENT**

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

**BLOCK POSITIONING TOOL**

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;

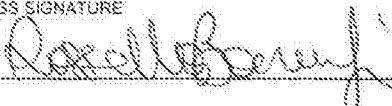
AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver 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/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 SECOND ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
DANILO CIARDULLO		31/05/2018
ADDRESS :		CITIZENSHIP
VIA GARIBALDI 48, 40061 MINERBIO (BO), ITALY		IT

SOLE/JOINT INVENTION  
(Worldwide Rights)  
Attorney Docket No. 18-0499  
Client Ref. No. \_\_\_\_\_

1. WITNESS NAME ROSSELLA BARENGHI	WITNESS SIGNATURE 	DATE 31/07/2018
ADDRESS VIA S. ALBERTO 47A, 40018 S. PIETRO IN CASALE (BO)		CITIZENSHIP ITALIAN

2. WITNESS NAME FRANCESCO GIUSTI	WITNESS SIGNATURE 	DATE 31/07/2018
ADDRESS VIA PALANDEI 45, 59100 PRATO ITALY		CITIZENSHIP ITALIAN

**ASSIGNMENT**

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

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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;

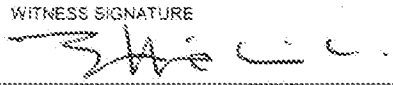
AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver 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;

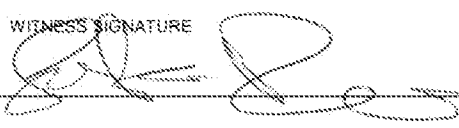
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IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

1. FULL NAME OF THIRD ASSIGNOR Valerio E. D'Ascanio	ASSIGNOR'S SIGNATURE 	DATE 01/08/2018
ADDRESS :		CITIZENSHIP
Via Irma Bandiera 58, 40057, Granarolo dell'Emilia (BO), Italy		IT

SOLE/JOINT INVENTION  
(Worldwide Rights)  
Attorney Docket No. 18-0489  
Client Ref. No. \_\_\_\_\_

1. WITNESS NAME MIRKO BATTAGLIA	WITNESS SIGNATURE 	DATE 01/08/2018
ADDRESS Via Fiume Vecchio, 51/2, MOLINELLA (Bo) ITALY	CITIZENSHIP IT	

2. WITNESS NAME GIUSEPPE PERI	WITNESS SIGNATURE 	DATE 01/08/2017
ADDRESS VIA SALVADORA 24/3 BOZOSOMA ITALY	CITIZENSHIP IT	



**ASSIGNMENT**

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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;

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

1. FULL NAME OF FOURTH ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
Dario Sansone		July 31st, 2018
ADDRESS :		CITIZENSHIP
Via Riccardo Bacchelli, 21 40050 Castello d'Argile (Bo) - Italy		IT

SOLE/JOINT INVENTION  
(Worldwide Rights)  
Attorney Docket No. 18-0498  
Client Ref. No. \_\_\_\_\_

1. WITNESS NAME DANILO CIARBUCCO	WITNESS SIGNATURE <i>Daniilo Ciarbucco</i>	DATE 01/08/2018
ADDRESS VIA CARUBALDI 48, 40061, MINERBIO (BO)	CITIZENSHIP ITALIAN	

2. WITNESS NAME CHIARA CONFÈ	WITNESS SIGNATURE <i>Chiara Confè</i>	DATE 01/08/2018
ADDRESS VIA P. GANDOLFI, 52 - 40061 MINERBIO (BO)	CITIZENSHIP ITALIAN	

**ASSIGNMENT**

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

**BLOCK POSITIONING TOOL**

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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;

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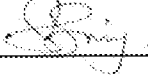
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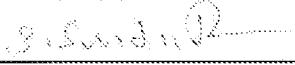
AND, I/WE HEREBY authorize the attorneys/representatives that I/WE have empowered to prosecute this application to insert here in parentheses the country, application number, and official filing date ( \_\_\_\_\_ Application No. \_\_\_\_\_, filed \_\_\_\_\_).

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

1. FULL NAME OF FIFTH ASSIGNOR Prasad S. Virgi	ASSIGNOR'S SIGNATURE <i>Prasad S. Virgi</i>	DATE 31 <sup>st</sup> July 18
ADDRESS :		CITIZENSHIP
B14, Plaza Court, Church Road, Perungudi, Chennai - 600096, Tamil Nadu, India		IN

SOLE/JOINT INVENTION  
(Worldwide Rights)  
Attorney Docket No. 18-0499  
Client Ref. No. \_\_\_\_\_

1. WITNESS NAME	WITNESS SIGNATURE	DATE
SINGARAVELAN S		3/7/18
ADDRESS	CITIZENSHIP	
12, Gandhi Avenue, Kott, Street, MGR Nagar, Thirumathi Nagar, Chennai-62	INDIAN	

2. WITNESS NAME	WITNESS SIGNATURE	DATE
SONDARAJAN S		3/7/18
ADDRESS	CITIZENSHIP	
# 6/110, J.J. Nagar, M.M.D.A Colony EAST MOGDAPPAIR, CHENNAI 600 037	INDIAN	