11/15/2018 505192888

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
THOMAS MARSHALL CONGDON	11/13/2018
DAVID BRUNO PARZYNSKI JR.	11/13/2018
NATHAN R. BJERKE	11/13/2018

RECEIVING PARTY DATA

Name:	CATERPILLAR INC.
Street Address:	510 LAKE COOK ROAD
Internal Address:	SUITE 100
City:	DEERFIELD
State/Country:	ILLINOIS
Postal Code:	60015

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16192061

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Email: faxserve@finnegan.com

Correspondent Name: CATERPILLAR/FINNEGAN, HENDERSON, L.L.P.

Address Line 1: 901 NEW YORK AVENUE, NW Address Line 4: WASHINGTON, D.C. 20001-4413

ATTORNEY DOCKET NUMBER:	08350.2544-00000
NAME OF SUBMITTER:	WILLIAM O. TROUSDELL
SIGNATURE:	/William O. Trousdell/
DATE SIGNED:	11/15/2018

Total Attachments: 4 source=Assign#page1.tif source=Assign#page2.tif source=Assign#page3.tif

> **PATENT** REEL: 047516 FRAME: 0462 505192888

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PATENT REEL: 047516 FRAME: 0463

ASSIGNMENT

WHEREAS I/We, the below named inventors [hereinafter referred to as Assignors], have made an invention entitled:

CARBIDE CUTTER BIT WITH RIBBED SIDES AND CONICAL TIP

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

WHEREAS, Caterpillar Inc., a corporation of Delaware whose post office address is 510 Lake Cook Road, Suite 100, Deerfield, Illinois 60015 (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, IWE 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/representativ	es of Assignee to inser	rt here in
parentheses the country, application number, and official filing date	Application No.	16/192,061
filed November 15, 2018).		:

1. FULL NAME OF SECOND ASSIGNOR Thomas Marshall CONGDON ADDRESS 214 S. Castle Dr., Dunlap, IL 61525	ASSIGNOR'S SIGNATURE They mad Marffell Carflers	DATE 11/13/18 CITIZENSHIP US
1. WITNESS NAME Tobias J Toennics ADDRESS 1030 Coal Bank Rd. Melamora, IL 61	WITNESS SIGNATURE Fobius / Joennie SYS	DATE 11/13/18 CITIZENSHIP U.S
2. WITNESS NAME Scott A Schick ADDRESS 10 PENNSYLVANIA	ct, Morton, 12 6158	DATE 1//3/2018 CITIZENSHIP USA

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

2. FULL NAME OF FIRST ASSIGNOR David Bruno PARZYNSKI, Jr.	ASSIGNOR'S SIGNATURE	DATE ///13/14
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	T wertures out to the	L
Sept A Schick	WITNESS SIGNATURE	11/13/2018
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*	/	

3. FULL NAME OF THIRD ASSIGNOR Nathan R. BJERKE	assignor's signature Milling	DATE 11/13/18
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PATENT REEL: 047516 FRAME: 0467

RECORDED: 11/15/2018