# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JOSEPH L. FAIVRE	06/13/2014
BRADLEY KRONE	06/13/2014

## **RECEIVING PARTY DATA**

Name:	CATERPILLAR INC.
Street Address:	100 NE ADAMS ST.
Internal Address:	AH 9510
City:	PEORIA
State/Country:	ILLINOIS
Postal Code:	61629

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15196092

## CORRESPONDENCE DATA

Fax Number: (309)675-1236

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: 3096362223

Email: US Docket Clerk@cat.com

CATERPILLAR INC. INTELLECTUAL PROPERTY D **Correspondent Name:** 

Address Line 1: 100 N.E. ADAMS STREET

Address Line 2: AH 9510

Address Line 4: PEORIA, ILLINOIS 61629-9510

ATTORNEY DOCKET NUMBER:	14-0395.1
NAME OF SUBMITTER:	KELLY A UMHOLTZ
SIGNATURE:	/kelly a umholtz/
DATE SIGNED:	06/29/2016

## **Total Attachments: 3**

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> **PATENT** REEL: 039036 FRAME: 0818

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JOINT INVENTION (Worldwide Rights) Attorney Docket No. 50100/14-0395 Client Ref. No. 14-0395

#### **ASSIGNMENT**

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

#### OPERATOR ASSIST ALGORITHM FOR AN EARTHMOVING MACHINE

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

WHEREAS, Caterpillar Inc., a corporation of Delaware whose post office address is 100 North East Adams, Peoria, Illinois 61629 (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.

Page 1 of 5

JOINT INVENTION (Worldwide Rights) Attorney Docket No. 50100/14-0395 Client Ref. No. 14-0395

Full name of sole or first assignor     Joseph L. Faivre	ASSIGNOR'S SIGNATURE  Suph L Tuin	6/13/14
ADDRESS 603 E. Lakeshore Drive,, Edelstein, IL 61526		CITIZENSHIP US
1. WITNESS NAME	WITNESS SIGNATURE	DATE
Brudley brone	1/20/1/	6/13/14
ADDRESS 10931 N Tuscomy Rd		CITIZENSHIP
Dunlap IL 61625		
2. WITNESS NAME	WITNESS SIGNATURE	DATE
Michael Adam Weber	Madred	6/13/14
ADDRESS 2112 W. Case Creek Dr.		CITIZENSHIP
Peoria, IC 6/6/5		

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2. FULL NAME OF SOLE OR SECOND ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
Bradley Krone	Thatal	6/13/14
ADDRESS		CITIZENSHIP
10931 N Tuscary 28	US	
Dunlap IL 61525		
1. WITNESS NAME	WITNESS SIGNATURE	DATE
Joseph Fairre	Soseph Faire	6/13/14
ADDRESS 603 E Lakishore Dr.,	Edelstein IL 61526	CITIZENSHIP LL S A
2. WITNESS NAME	WITNESS SIGNATURE	DATE
Michael Adam Weber	Matte	6/13/14
ADDRESS 2112 W. Case Creek Dr.	CITIZENSHIP US	
Peoria, IL 61615		

**RECORDED: 06/29/2016**