## 504093727 11/14/2016

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4140396

UBMISSION TYPE: NEW ASSIGNMENT				
IATURE OF CONVEYAN	CE:	ASSIGNMENT		
CONVEYING PARTY DA	TA			
		Name	Execution Date	
NICK DERUS			11/14/2016	
SCOTT SELLS			11/11/2016	
CHAD THOMPSON	OMPSON			
BRIAN TODD POTTER	N TODD POTTER			
KARL F. REITH			11/11/2016	
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Postal Code:	61629			
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Property Type		Number	7	
Application Number:	1	5350211	-	
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Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i>	(; sent to ; rovided;	,		
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Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	(: <i>rovided;</i> 3 9 0 0 0 0 0	the e-mail address first; if that is un if that is unsuccessful, it will be se 312-977-9903 munez@millermatthiashull.com CATERPILLAR/ MILLER, MATTHIAS ONE NORTH FRANKLIN STREET SUITE 2350 CHICAGO, ILLINOIS 60606 50100/16-2235	ent via US Mail.	
Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 2: Address Line 4:	(: <i>rovided;</i> 3 9 0 0 0 0 0	the e-mail address first; if that is un if that is unsuccessful, it will be se 312-977-9903 munez@millermatthiashull.com CATERPILLAR/ MILLER, MATTHIAS ONE NORTH FRANKLIN STREET SUITE 2350 CHICAGO, ILLINOIS 60606 50100/16-2235 DAVIS M. CHIN, JR.	ent via US Mail.	

## ASSIGNMENT

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

## BALL STUD SEPARATOR TOOL

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

WHEREAS, **Caterpillar Inc.**, a Delaware corporation having a place of business at **100 NE Adams Street, Peoria, Illinois 61629, 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 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 filed herewith.

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

Page 1 of 5

1. FULL NAME SOLE OR FIRST ASSIGNOR Nick Derus	ASSIGNOR'S SIGNATURE	DATE 11/14/2016
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		Attorney Do	JOINT INVENTION (Worldwide Rights) ocket No. 50100/16-2235 Client Ref. No. 16-2235
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Page 4 of 5			
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4. FULL NAME SOLE OR FIRST ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
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5. FULL NAME SOLE OR FIRST ASSIGNOR Karl F. Reith ADDRESS 5249 County Road 44, Auburn, IN 46706	ASSIGNOR'S SIGNATURE	DATE 11/11/2016 CITIZENSHIP US
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Page 6 of 5

**RECORDED: 11/14/2016**