

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6724748

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RODWAN T. ADRA	05/06/2021
BRIAN R. JANES	05/06/2021
ANDREW FRIEBOHLE	05/06/2021
EDWIN B. SCHULTZ	05/06/2021
RECEIVING PARTY DATA	
Name:	CATERPILLAR INC.
Street Address:	100 NE ADAMS STREET
City:	PEORIA
State/Country:	ILLINOIS
Postal Code:	61629-9510
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17322899
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:	15891US01
NAME OF SUBMITTER:	CHRISTINE GRIMES
SIGNATURE:	/Christine Grimes/
DATE SIGNED:	05/24/2021
Total Attachments: 3	
source=21-0094US01 Assignment#page1.tif	
source=21-0094US01 Assignment#page2.tif	

ASSIGNMENT

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

TWISTED COIL STRUCTURES FOR AN ELECTRIC MOTOR AND SYSTEMS, COMPONENTS, ASSEMBLIES, AND METHODS THEREOF

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

WHEREAS, Caterpillar Inc., a corporation of Delaware, whose post office address is 100 NE Adams Street Peoria, Illinois 61629-9510, 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 Rodwan T. Adra	ASSIGNOR'S SIGNATURE 	DATE 5-6-2021
ADDRESS 3419 N. Knoxville Ave Peoria, Illinois 61603		CITIZENSHIP USA


1. WITNESS NAME	WITNESS SIGNATURE	DATE
Kimberley D. Robinson	Kimberley D. Robinson	5/6/2021
ADDRESS		CITIZENSHIP
205 McKinley P.O. Box 46		USA
Specr, IL 61479		

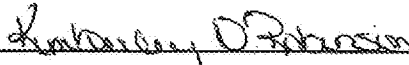
2. WITNESS NAME	WITNESS SIGNATURE	DATE
Richard Mills	[Signature]	5/4/2021
ADDRESS		CITIZENSHIP
14537 N Edgewater dr Chillicothe IL		USA
61523		

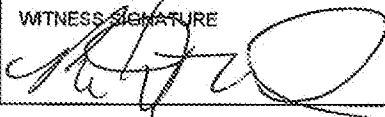
2. FULL NAME OF SECOND ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
Brian R. Janes	[Signature]	6-MAY-2020
ADDRESS		CITIZENSHIP
724 E. Santa Fe Rd.		USA
Chillicothe, IL 61523		


1. WITNESS NAME	WITNESS SIGNATURE	DATE
Kimberley D. Robinson	Kimberley D. Robinson	5/6/2021
ADDRESS		CITIZENSHIP
205 McKinley P.O. Box 46		USA
Specr, IL 61479		

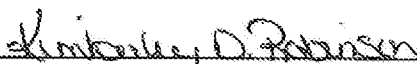
2. WITNESS NAME	WITNESS SIGNATURE	DATE
Richard Mills	[Signature]	5/6/2021
ADDRESS		CITIZENSHIP
14537 N Edgewater d		USA
Chillicothe IL 61523		


3. FULL NAME OF THIRD ASSIGNOR, IF ANY Andrew Friebohle	ASSIGNOR'S SIGNATURE 	DATE 6 MAY 2021
ADDRESS 100 Amelia Dr East Peoria, IL 61611		CITIZENSHIP USA

1. WITNESS NAME Kimberley D Robinson	WITNESS SIGNATURE 	DATE 5/6/2021
ADDRESS 205 McKinley P.O. Box 46 Speer, IL 61479		CITIZENSHIP USA

2. WITNESS NAME Richard Mills	WITNESS SIGNATURE 	DATE 5/6/2021
ADDRESS 14537 N Edgewater dr Chillicothe IL 61523		CITIZENSHIP USA

3. FULL NAME OF FOURTH ASSIGNOR, IF ANY Edwin B. Schultz	ASSIGNOR'S SIGNATURE 	DATE 5/6/21
ADDRESS 2300 Sierra Dr. Pekin, IL 61554		CITIZENSHIP USA

1. WITNESS NAME Kimberley D Robinson	WITNESS SIGNATURE 	DATE 5/6/2021
ADDRESS 205 McKinley P.O. Box 46 Speer, IL 61479		CITIZENSHIP USA

2. WITNESS NAME Richard Mills	WITNESS SIGNATURE 	DATE 5/6/2021
ADDRESS 14537 N Edgewater dr Chillicothe IL 61523		CITIZENSHIP USA