

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3681158

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHEN YUAN	12/11/2015
KRISHNAKUMAR DHARAPURAM RAMAMOORTHY	12/15/2015
OSAMA MOHAMMAD ALKHOULI	12/10/2015
RECEIVING PARTY DATA	
Name:	CATERPILLAR INC.
Street Address:	100 N.E. ADAMS STREET
Internal Address:	INTELLECTUAL PROPERTY DEPARTMENT
City:	PEORIA
State/Country:	ILLINOIS
Postal Code:	61629-6490
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14987987
CORRESPONDENCE DATA	
Fax Number:	(202)408-4400
<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:	202-408-4000
Email:	regional-desk@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:	08350.2232-00000
NAME OF SUBMITTER:	SUN KIM
SIGNATURE:	/Sun Kim/
DATE SIGNED:	01/05/2016
Total Attachments: 6	
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ASSIGNMENT

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

MULTIPHASE MOTOR GENERATOR SYSTEM AND CONTROL METHOD 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 Intellectual Property Department, 100 N.E. Adams Street, Peoria, IL 61629-6490 (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 Assignee or the attorneys/representatives of Assignee 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	ASSIGNOR'S SIGNATURE	DATE
Chen YUAN		12/11/2015
ADDRESS 3609 Prestwick CL, Columbus, OH 43220		CITIZENSHIP P.R. China

SOLE/JOINT INVENTION
(Worldwide Rights)
Attorney Docket No. 08350.2232
Client Ref. No. 15-1322

1. WITNESS NAME Zhi ping YUAN	WITNESS SIGNATURE Zhi ping Yuan	DATE 12/11/2015
ADDRESS Room 1406 Yiyang Dasha Xi Luo, Yichun, Jiangxi, China 336000		CITIZENSHIP P.R. China

2. WITNESS NAME HongXin Lin	WITNESS SIGNATURE Hongxin Lin	DATE 12/11/2015
ADDRESS Yichun High School, Yichun, Jiangxi, China 336000		CITIZENSHIP P.R. China

2. FULL NAME OF SECOND ASSIGNOR, IF ANY Krishnakumar Dharapuram RAMAMOORTHY	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 1512 W Candletree drive APT#207, Peoria, IL 61614		CITIZENSHIP USA

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

SOLE/JOINT INVENTION
(Worldwide Rights)
Attorney Docket No. 08350.2232
Client Ref. No. 15-1322

3. FULL NAME OF THIRD ASSIGNOR, IF ANY Osama Mohammad ALKHOULI	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 1700 W Hickory Grove Rd. Apt 8-102, Dunlap, IL 61525		CITIZENSHIP Jordan

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

ASSIGNMENT

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

MULTIPHASE MOTOR GENERATOR SYSTEM AND CONTROL METHOD 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 **Intellectual Property Department, 100 N.E. Adams Street, Peoria, IL 61629-6490** (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 Assignee or the attorneys/representatives of Assignee 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 Chen YUAN	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 3609 Prestwick Ct., Columbus, OH 43220		CITIZENSHIP P.R. China

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. FULL NAME OF SECOND ASSIGNOR, IF ANY Krishnakumar Dharapuram RAMAMOORTHY	ASSIGNOR'S SIGNATURE <i>D. P. Krishnakumar</i>	DATE 12/15/2015
ADDRESS 1512 W Candletree drive APT#207, Peoria, IL 61614		CITIZENSHIP INDIA

1. WITNESS NAME <i>Baojun SI</i>	WITNESS SIGNATURE <i>[Signature]</i>	DATE <i>12/14/2015</i>
ADDRESS <i>2015 W Brenyo ct. Dunlap, IL, 61515</i>		CITIZENSHIP <i>U.S.A</i>

2. WITNESS NAME <i>David Brennan</i>	WITNESS SIGNATURE <i>[Signature]</i>	DATE <i>12/14/2015</i>
ADDRESS <i>1700 W Hickory Grove Rd Dunlap IL 61525</i>		CITIZENSHIP <i>USA</i>

3. FULL NAME OF THIRD ASSIGNOR, IF ANY Osama Mohammad ALKHOULI	ASSIGNOR'S SIGNATURE <i>Osama Alkhouli</i>	DATE 12/10/2015
ADDRESS 1700 W Hickory Grove Rd. Apt 8-102, Dunlap, IL 61525		CITIZENSHIP Jordan

1. WITNESS NAME SREENIVASA PENTELA	WITNESS SIGNATURE <i>Sreenivas Pentela</i>	DATE 12/10/2015
ADDRESS 10825 N OVERTONE ST PEORIA IL 61615		CITIZENSHIP INDIA

2. WITNESS NAME William T. Jenkins	WITNESS SIGNATURE <i>William T. Jenkins</i>	DATE 12/10/2015
ADDRESS 50 West Beech St. Canton, IL 61520		CITIZENSHIP US