503452148 08/26/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3498774

SUBMISSION TYPE:		Ν	NEW ASSIGNMENT			
NATURE OF CONVEYA	NCE:	A	SSIGNMENT			
CONVEYING PARTY D	ΑΤΑ					
		N	ame			Execution Date
JAYARAM GINASEKAR	AN					08/13/2015
CODY MOORE						08/18/2015
ARUN PALANOOR						08/11/2015
COLINS V JACOB						08/11/2015
DINESHBABU PADMAN	NABHAN					08/18/2015
RECEIVING PARTY DA	TA					
Name:	CATEF	RPILLAF	R INC.			
Street Address:	100 NE	E ADAM	S STREET			
Internal Address:	AH951	0				
City:	PEORI	A				
State/Country:	UNITE	D STAT	ES			
Postal Code:	61629					
PROPERTY NUMBERS Property Type	Total: 1		Number			
PROPERTY NUMBERS	Total: 1	148357				
PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i>	DATA e sent to	148357 (309)67 5 the e-	743 75-1236 mail address first; /			
PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i>	DATA e sent to provideo	148357 (309)67 o the e-h d; if tha	743 75-1236 mail address first; i t is unsuccessful, i			
PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i>	OATA e sent to provideo	(309)67 o the e- d; if tha 309-63	743 75-1236 <i>mail address first; i</i> <i>t is unsuccessful, i</i> 6-2223	t will be ser		
PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone:	DATA e sent to provideo	(309)67 (309)67 (5) the e-t (5) if tha (309-630 (US_Do	743 75-1236 mail address first; i t is unsuccessful, i	i t will be ser n	t via US	Mail.
PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if p</i> Phone: Email:	OATA e sent to provideo	(309)67 o the e- d; if tha 309-630 US_Do CATER	743 75-1236 <i>mail address first; i</i> <i>t is unsuccessful, i</i> 6-2223 cket_Clerk@cat.con	t will be ser n .LECTUAL F	t via US	Mail.
PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	DATA e sent to provideo	(309)67 o the e- d; if tha 309-630 US_Do CATER 100 N.E AH 951	743 75-1236 <i>mail address first; i</i> <i>t is unsuccessful, i</i> 6-2223 ocket_Clerk@cat.con PILLAR INC. INTEL E. ADAMS STREET 0	t will be ser n .LECTUAL F	t via US	Mail.
PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1:	DATA e sent to provideo	(309)67 o the e- d; if tha 309-630 US_Do CATER 100 N.E AH 951	743 75-1236 <i>mail address first; i</i> <i>t is unsuccessful, i</i> 6-2223 icket_Clerk@cat.con RPILLAR INC. INTEL E. ADAMS STREET	t will be ser n .LECTUAL F	t via US	Mail.
PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	OATA e sent to provideo	(309)67 b the e- d; if tha 309-630 US_Do CATEF 100 N.E AH 951 PEORL	743 75-1236 <i>mail address first; i</i> <i>t is unsuccessful, i</i> 6-2223 ocket_Clerk@cat.con PILLAR INC. INTEL E. ADAMS STREET 0	t will be ser n .LECTUAL F	t via US	Mail.
PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	OATA e sent to provideo	148357 (309)67 b the e- d; if tha 309-63 US_Do CATER 100 N.E AH 951 PEORI	743 75-1236 <i>mail address first; i t is unsuccessful, i</i> 6-2223 cket_Clerk@cat.con PILLAR INC. INTEL E. ADAMS STREET 0 A, ILLINOIS 61629-9	t will be ser n .LECTUAL F	t via US	Mail.
PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	OATA e sent to provideo	148357 (309)67 o the e- d; if tha 309-630 US_Do CATER 100 N.E AH 951 PEORI PEORI	743 75-1236 <i>mail address first; i</i> 6-2223 cket_Clerk@cat.con PILLAR INC. INTEL E. ADAMS STREET 0 A, ILLINOIS 61629-9 5-0570	t will be ser n .LECTUAL F	t via US	Mail.

Total Attachments: 10

source=15-0570-US-Assignment#page1.tif source=15-0570-US-Assignment#page2.tif source=15-0570-US-Assignment#page3.tif source=15-0570-US-Assignment#page4.tif source=15-0570-US-Assignment#page5.tif source=15-0570-US-Assignment#page6.tif source=15-0570-US-Assignment#page7.tif source=15-0570-US-Assignment#page8.tif source=15-0570-US-Assignment#page9.tif

ASSIGNMENT

WHEREAS we, the below named inventors, (hereinafter referred to as Assignors), have made an invention entitled:

HAMMER TOOL ASSEMBLY

for which 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, It. 61629, United States of America (hereinafter referred to as Assignee), is desirous of securing the entire right, tille, 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, we, as Assigners, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, 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 be granted on this invention in any country or jurisdiction or patent office, and all extensions, renewals, and reissues thereof; and 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 we have the full right to corively the interest assigned by this Assignment, and 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 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 release 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 juriadiction or patent office, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its auccessors and assigns;

AND, WE HEREBY authorize the attorneys/representatives that we have empowered to prosecute this application to insert here in parentheses the country, application number, and official filing date (______ Application No. ______ filed ______).

1. FULL NAME OF FIRET AGRISHOR Jayaram Gunasekaran		0are 13 ⁴⁸ Aug 2015
ACORESS	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Citizenship
No. 25A, Sivananda Nagar, Mangadu, Chennal	-800122	IN

1 WINESSNAME	WITNEED SIGNATURE	DÁTÉ
GERGLAKEISHWAN KANNIAPPAN	K. Cope)	13-AUG-2015
ADDRESS		CCUZENSHIP
NO-1-28, PUDAV STREET, MARS THIRU VANNA MALAS - 60440	IAVANG KARAMAÎ , VADOAVASÎ 8. , 7amil - Naou , 7.No (a	TNOIAN

2. WINESSNAME	พราทธระธุรรรมครูปสต	.DATE
S.R.K. Chardony	DOM T	13-Aug-2015
XDORESS O		CITIZENSHIP
ASI, AGP Subaccoparn, 3rd 1 MadiDakkam, Chenna		Indian

ASSIGNMENT

WHEREAS we, the below named inventors, (hereinafter referred to as Assignors), have made an invention entitled:

HAMMER TOOL ASSEMBLY

for which 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, IL 61629, United States of America (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, we, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, 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 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 we have the full right to convey the interest assigned by this Assignment, and 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 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 to insert here in parentheses the country, application number, and official filing date (______ Application No. ______).

2. FULL NAME OF SECOND ASSIGNOR Cody T. Moore	ASSIGNOR'S SIGNATURE	DATE 18/15
ADDRESS		CITIZENSHIP
2000 Texas Central Parkway. Waco, TX 76655	5	US

1. WITNESS NAME Josh Grzybowski	WITNESS SIGNATURE	DATE \$/18/2015
ADDRESS 2000 TX Central	Parkinny	CITIZENSHIP しらみ
Walo TX, 76712		
2. WITNESS NAME DSM itas Dostinov	WITNESS SIGNATURE	DATE 08/18/2015
ADDRESS 2000 Texas Central	Durway	CITIZENSHIP USA.

Waco TX, 78912

ASSIGNMENT

WHEREAS we, the below named inventors, (hereinafter referred to as Assignors), have made an invention entitled:

HAMMER TOOL ASSEMBLY

for which 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, IL 61629, United States of America (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, we, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, 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 be granted on 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 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 we have the full right to convey the interest assigned by this Assignment, and 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 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 attor	neys/representation	atives that we have	e empowered to pro	secute this application
to insert here in parentheses	s the country, appli	cation number,	and official filing d	ate (Application No.
, filed).		-		

3. FULL NAME OF THIRD ASSIGNOR Arun Palanoor	ASSIGNOR'S SIGNATURE	DATE 11 - Aug. 2015
ADDRESS	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	CITIZENSHIP
Flat No.203, Vijayasri Golden Orchids, Devarat	besanahalli, Bellandur, Bangalore-560103	IN

* WITNESS NAME	WITNESS SIGNATURE	DATE
R. HARIPROBHU	R. Hours Not	11-AUG-2015
ADDRESS		CITIZENSHIP
MIG-B6, PHOSE-VI, AVO HOSER_ 635100	LAPPOLLI AUDCO	IN

2 WITNESS NAME R. RUdra prasad	WITNESS SIGNATURE R. RUDAN RETAIN	DATE 11-RUG-2015
ADDRESS		CITIZENSHIP
2 ⁴⁴		
BOMMANAHALLI, BANGAL	N RESIDENCY, RAJIV GANDAI NAGA ORF, 560068.	IN

,

REEL: 036463 FRAME: 0700

ASSIGNMENT

WHEREAS we, the below named inventors, (hereinafter referred to as Assignors), have made an invention entitled:

HAMMER TOOL ASSEMBLY

for which 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, Peorla, IL 61629, United States of America (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, we, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, 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 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 we have the full right to convey the interest assigned by this Assignment, and 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 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;

4. FULL NAME OF FOURTH ASSIGNOR Colins V. Jacob	ASSIGNOR'S SIGNATURE	DATE 11/AUGy/2015
ADDRESS	(",rogram.	CITIZENSHIP
CHRISTI BHAVAN, 1st Cross, Cauver 560015	y Layout, Shettihalli, Jalahalli West P.O., Bangalor	re- IN
*		· · · · · ·
	:	
age 1 of 2		
	· · · · · · · · · · · · · · · · · · ·	PATENT

1, WITNESS NAME	WITNESS SIGNATURE	DATE
Ravikiran M.Y.	Hafawatan	Aug-11-2015
ADDRESS # 605, Bougainville	. Sanknip Central part	CITIZENSHIP
Yadavagiri, My	sone - 570020	Indian

2. WITNESS NAME MCHANBABU, K.S.	witness signature KS. M. handridd 1994	DATE H-Aug-2015
ADDRESS		CITIZENSHIP
#4999, 2 ¹⁰ Criss, 7 ¹⁰ Main, Ne Mysuel -	ah. R. it. Anner, Vijayanogala 21th Page. 570017.	Indían.

.

Page 2 of 2

 28

PATENT REEL: 036463 FRAME: 0701

ASSIGNMENT

WHEREAS we, the below named inventors, (hereinafter referred to as Assignors), have made an invention entitled:

HAMMER TOOL ASSEMBLY

for which 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, IL 51629, United States of America (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, we, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, 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 ressues thereof, as well as all rights to claim phority in any country or jurisdiction or patent office on the basis of this application, and all applications for patents which may be granted on 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 patents which may be granted on 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 patents which may be granted on this invention in 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 we have the full right to convey the interest assigned by this Assignment, and 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 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;

s. Fuct name of FIFTH assionor DineshBabu Padmanabhan	ASSIGNORS GIGNATURE	рате 18 - АVG - 2015
ADDRESS		CITIZENSHIP
NO. 59, Bheema sena garden Street, Mylapore, Chennai-600004		IN

1. WITNESS NAME	ITNEES SIGNATURE	DATE
D.DHANUNJAYA RESDY	Q. Chup + Kally-	1 %- AVG-2015
ADDRESS		OTIZENSHIP
1/500, B12, SAMVRITA APARTA STREET, VENGATVASAL CHEMI	<u>Sn</u>	
······		

2. WITNESS NAME	WITNESS SIGNATURE	DATE
B · CATRINATH	Upix no the s	18-200-2015
ADORES3		CITIZENSHIP
IGAT, NANADI VINAYAGARKOIL STREET ROYARETTAH, CHENNAI-GODOIY		IN

Page 2 of 2