

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2989277

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ARVIND SIVASUBRAMANIAN	06/21/2014
CHRISTOPHER GALLMEYER	07/09/2014
VENKAT V.K. TURLAPATI	07/17/2014
BRETT ZOOK	08/20/2014
JASON RASMUSSEN	06/19/2014
RECEIVING PARTY DATA	
Name:	CATERPILLAR INC.
Street Address:	100 NE ADAMS STREET
City:	PEORIA
State/Country:	ILLINOIS
Postal Code:	61629
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14311853
CORRESPONDENCE DATA	
Fax Number:	(202)861-1783
<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:	202-861-1500
Email:	patents@bakerlaw.com
Correspondent Name:	CATERPILLAR INC./BAKER HOSTETLER
Address Line 1:	WASHINGTON SQUARE, SUITE 1100,
Address Line 2:	1050 CONNECTICUT AVE, NW
Address Line 4:	WASHINGTON, D.C. 20036
ATTORNEY DOCKET NUMBER:	86703.22500
NAME OF SUBMITTER:	P. ALAN LARSON
SIGNATURE:	/P. Alan Larson/
DATE SIGNED:	08/20/2014
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:

SYSTEM AND METHOD FOR DETERMINING THE SPECIFIC GRAVITY OF A GASEOUS FUEL

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, IL 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;

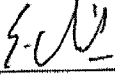
AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;


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/or official filing date (U.S. Application No. 14/311,853, filed June 23, 2014).

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


SOLE/JOINT INVENTION
(Worldwide Rights)
Attorney Docket No. 86703.22500
Client Ref. No. 14-0505

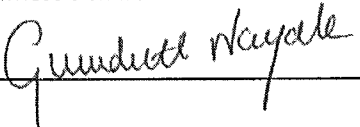
1. FULL NAME OF FIRST (OR SOLE) ASSIGNOR Arvind Sivasubramanian	ASSIGNOR'S SIGNATURE 	DATE JUNE 21, 2014
ADDRESS 2213 W KENFIELD CT PEORIA, IL 61615, USA		CITIZENSHIP INDIA

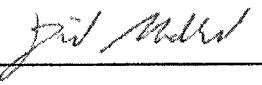
1. WITNESS NAME A. VENUGOPAL	WITNESS SIGNATURE  A. VENUGOPAL	DATE JUNE 21, 2014
ADDRESS 12/30 "LAKSHMI ILLAN", DR. MUNUSAMY NAGAR COIMBATORE - 641045, INDIA		CITIZENSHIP INDIA

2. WITNESS NAME SIVASUBRAMANIAN KANNAYERAM	WITNESS SIGNATURE  (SIVASUBRAMANIAN KANNAYERAM)	DATE JUNE 21, 2014
ADDRESS 480, VYSIAL STREET COIMBATORE-641001, TAMIL NADU, INDIA		CITIZENSHIP INDIA


SOLE/JOINT INVENTION
(Worldwide Rights)
Attorney Docket No. **86703.22500**
Client Ref. No. **14-0505**


2. FULL NAME OF SECOND ASSIGNOR Christopher Gallmeyer	ASSIGNOR'S SIGNATURE 	DATE July 9, 2014
ADDRESS 1208 W Walnut St.	CITIZENSHIP United States	
Chillicothe, IL 61523		

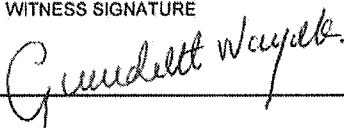
1. WITNESS NAME Gurudutt Nayak.	WITNESS SIGNATURE 	DATE 07/09/14
ADDRESS 10808 N. David Court, Peoria, IL, 61615.	CITIZENSHIP INDIA	

2. WITNESS NAME David Hodland	WITNESS SIGNATURE 	DATE 7/9/2014
ADDRESS 1501 E. Gardner Ln. #306, Peoria Heights, IL 61616	CITIZENSHIP USA	

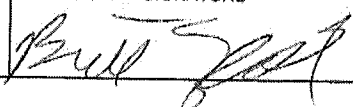
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Attorney Docket No. 86703.22500
Client Ref. No. 14-0505


3. FULL NAME OF THIRD ASSIGNOR Venkat V.K. Turlapti	ASSIGNOR'S SIGNATURE 	DATE 7/17/14
ADDRESS 6625 N BIG HOLLOW RD APT 205 PEORIA IL 61615		CITIZENSHIP INDIA


1. WITNESS NAME Lingqian Yuan	WITNESS SIGNATURE 	DATE 7/17/2014
ADDRESS 1805 W Gardenia Dr. Apt 13307. peoria, IL 61615		CITIZENSHIP USA

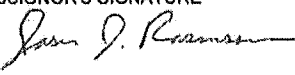
2. WITNESS NAME Gurudutt Nayak	WITNESS SIGNATURE 	DATE 07/17/14
ADDRESS 10808 N. David Court Peoria, IL, 61615		CITIZENSHIP INDIA.

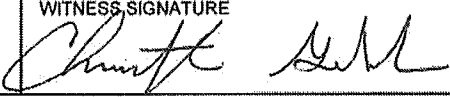
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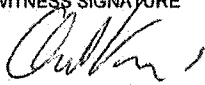
4. FULL NAME OF FOURTH ASSIGNOR Brett Zook	ASSIGNOR'S SIGNATURE 	DATE 8-20-14
ADDRESS 5020 S. Prince William Rd Cuttler, IN 46920		CITIZENSHIP US

1. WITNESS NAME Kyle Williams	WITNESS SIGNATURE 	DATE 8-20-14
ADDRESS West Lafayette, IN 47906 3557 Secretariat Drive		CITIZENSHIP US

2. WITNESS NAME Thomas Chou	WITNESS SIGNATURE 	DATE 8-20-14
ADDRESS 4401 N. Parkway Kokomo IN 46901		CITIZENSHIP U.S.

6. FULL NAME OF FIFTH ASSIGNOR Jason Rasmussen	ASSIGNOR'S SIGNATURE 	DATE June 19, 2014
ADDRESS 147 Boylad Dr Hopewell, IL 61565		CITIZENSHIP USA

1. WITNESS NAME Christopher Gehrke	WITNESS SIGNATURE 	DATE June 19, 2014
ADDRESS 13433 N. Dover Ln Chillicothe IL 61523		CITIZENSHIP USA

2. WITNESS NAME Chad Koci	WITNESS SIGNATURE 	DATE June 19, 2014
ADDRESS 200 Shadow Creek Washington IL 61571		CITIZENSHIP USA