505521732 06/12/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5568537

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CATERPILLAR MOTOREN ROSTOCK GMBH	03/15/2017

RECEIVING PARTY DATA

Name:	CATERPILLAR MOTOREN GMBH & CO. KG
Street Address:	FALCKENSTEINER STR.2
City:	KIEL
State/Country:	GERMANY
Postal Code:	24159

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16468909

CORRESPONDENCE DATA

Fax Number: (312)977-9959

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.

Phone: 3129779902

Email: cramirez@millermatthiashull.com

Correspondent Name: MILLER, MATTHIAS & HULL LLP/ CATERPILLAR

Address Line 1: ONE NORTH FRANKLIN STREET

Address Line 2: SUITE 2350

Address Line 4: CHICAGO, ILLINOIS 60606

ATTORNEY DOCKET NUMBER:	50100/16-2183-71675
NAME OF SUBMITTER:	THOMAS A. MILLER
SIGNATURE:	/Thomas A. Miller/
DATE SIGNED:	06/12/2019

Total Attachments: 3

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PATENT 505521732 REEL: 049448 FRAME: 0239

SOLE/JOINT INVENTION
(Worldwide Rights)
Attorney Docket No. CAT978-27767E
Client Ref. No. 16-2183

ASSIGNMENT

WHEREAS Caterpillar Motoren Rostock GmbH, a corporation of Germany whose post office address is Werftallee 13, 18119 Rostock, GERMANY hereinafter referred to as Assignor, had been assigned to the following invention by the inventor:

Caterpillar ref. no.:	Title:	
16-2183 (CAT978-27767E)	METHOD OF OPERATING A GASEOUS FUEL INTERNAL COMBUSTION ENGINE	

and

WHEREAS, Caterpillar Motoren GmbH & Co. KG, a corporation of GERMANY whose post office address is Falckensteiner Str. 2, 24159 Kiel, GERMANY (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, Assignor has sold, assigned, transferred, and set over, and does hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, the entire right, title, and interest in and to the inventions, and applications, 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 on the basis of this applications, and all applications for patents which may hereafter be filled for the inventions in any country and all patents which may be granted on the inventions in any country, and all extensions, renewals, and reissues thereof; and Assignor hereby authorizes and requests any official of any country whose duty it is to issue patents on applications as described above, to issue all patents for the inventions to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, Assignor covenants that Assignor has the full right to convey the Interest assigned by this Assignment, and has not executed and will not execute any agreement in conflict with this Assignment;

AND, Assignor HEREBY further covenants and agrees that Assignor, without further consideration, communicates with Assignee, its successors and assigns, any facts known to Assignor respecting the inventions, and testifies in any legal proceeding, signs all lawful papers when called upon to do so, executes and delivers any and all papers that may be necessary or desirable to perfect the titles to the inventions in said Assignee, its successors or assigns, executes all divisional, continuation, and reissue applications, makes all rightful oaths and generally does everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for the inventions in any country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns;

	thorizes the attorneys/represen or each of the inventions in pare		empowered to prosecute this dication number, and official filing	}
(Application No.	_, filed	_)	and a

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. CAT978-27767E Client Ref. No. 16-2183

For	the	Ass	<u>gnor:</u>

DATE: March 15, 2017

PLACE:

Kiel

signature for the Assignor)

(printed name and position)

Engineering Mar.

1, WITNESS NAME	WITNESS SIGNATURE	DATE
Janett Jaehnke	liA. Mulle	March 15, 2017
ADDRESS		CITIZENSHIP
Falckensteiner Str. 2, 2	4159 Kiel, Germany	German

2. WITNESS NAME	WITNESS SIGNATURE	DATE
Susanne Behn	i.A. BELL	March 15, 2017
ADDRESS		CITIZENSHIP
Falckensteiner Str. 2, 2	*	German

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. CAT978-27767E Client Ref. No. 16-2183

For the Ass	
DATE: 14	March 2017
PLACE:	. Vitel

(signature for the Assignee)

(printed name and position)

Knut von Detten Stefan Hoas T. Copp Course Engineering Hox.

1. WITNESS NAME	WITNESS SIGNATURE	DATE
Janett Jaehnke	hA : Dulle	March 14, 2017
ADDRESS		CITIZENSHIP
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2. WITNESS	SNAME	WITNESS SIGNATURE	DATE
	Susanne Behn	i.A. Bolu	March 14, 2017
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PATENT REEL: 049448 FRAME: 0242

RECORDED: 06/12/2019