PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3681522

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RICHARD E. ANNATI	12/10/2015
ERIC REINHART	12/21/2015
DANIEL SINGER	12/21/2015

RECEIVING PARTY DATA

Name:	CATERPILLAR INC.
Street Address:	100 N.E. ADAMS STREET
City:	PEORIA
State/Country:	ILLINOIS
Postal Code:	61629

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14987176

CORRESPONDENCE DATA

Fax Number: (312)616-5700

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: (312) 616-5600

Email: assignments@leydig.com

ELIAS P. SOUPOS **Correspondent Name:**

Address Line 1: LEYDIG, VOIT & MAYER, LTD.

Address Line 2: 180 NORTH STETSON AVE., SUITE 4900

Address Line 4: CHICAGO, ILLINOIS 60601-6731

ATTORNEY DOCKET NUMBER:	721889 (15-1360)
NAME OF SUBMITTER:	ELIAS P. SOUPOS
SIGNATURE:	/Elias P. Soupos/
DATE SIGNED:	01/05/2016

Total Attachments: 4

source=Executed Assignment#page1.tif source=Executed Assignment#page2.tif source=Executed Assignment#page3.tif

> **PATENT** REEL: 037411 FRAME: 0393 503634891

source=Executed Assignment#page4.tif

PATENT REEL: 037411 FRAME: 0394

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 721889 Client Ref. No. 15-1360

ASSIGNMENT

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

TURBOCHARGER COMPRESSOR AND METHOD

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 N.E. 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 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 HERI	EBY authori	ze Assign	iee or the a	ttorneys/rep	resent	tatives of Assig	nee to ins	sert here in	
parenth	eses the country,	application	number,	and official	filing date (L	J.S. P	atent Applicatio	on No	14/987,176	,
filed	January 4, 2016	ô).							

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

page 1 of 4

PATENT REEL: 037411 FRAME: 0395

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 721889 Client Ref. No. 15-1360

FULL NAME OF SOLE OR FIRST ASSIGNOR Richard E. Annati	ASSIGNOR'S SIGNATURE.	OATE 12/10/2015
ADDRESS 70 CHESA PEAKE	CT	USA
LAFAYETTE IN	47909	

NOWINESS NAME: WITNESS SIGNATURE KEVIN P. MANTEL KAN Z. MAKE	DATE 2/19/2/15**
ACCOPESS LS COM TO INFOCULATE LA LA ROCCIA	стияния 735 4
Francisco Set Strate Some Section 2	

	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	***************************************
2. VATNESS NAME	WITNESS SIGNATURE	DATE
CODY MYLEY	QAN EX	12/10/15
AODRESS		CITIZENSHIP
400 BURTON RP	Name -	USA
Westpoint, in 4799		
K		

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 721889 Client Ref. No. 15-1360

Full name of second assignor, if any Eric Reinhart	ASSIGNOR'S SIGNATURE	DATE 12/21/2015
ADDRESS	`	CITIZENSHIP
4736 S VALLEYVIE	EW DR	USA
WEST BLOOMFIELD, A	UT 48323	

1. WITNESS NAME Nicklos J. PLEHN II NUKLOS WELLE	DATE 12/21/2015
28459 N. Dixboro Road	CITIZENSHIP U.S.A.
South Lyon, MI 48178	

2. WITNESS NAME WITNESS SIGNATURE / 1/10 / 1/1 / 1/2	DATE
Typomus I Wilhams Val Mill	12/21/15
ADDRESS	CITIŽENSHIP
2400 Valley Conte	USA
/	
MIC DATE ILLER	
Multord ML 48380	

1. FULL NAME OF THIRD ASSIGNOR, IF ANY Bah Singer, Daniel	ASSIGNOR'S SIGNATURE	DATE 12/21/2015
ADDRESS 545 Natures Cove Ct, Wixon, A	NI 48393	CITIZENSHIP

1. WITNESS NAME WITNESS SIGNATURE WITNESS SIGNATURE WITNESS SIGNATURE WITNESS SIGNATURE WITNESS SIGNATURE WITNESS SIGNATURE	DATE 12/21/2015
28459 N. Dixboro Road.	CITIZENSHIP U.S.A.
South Lyon, MI 48178	

2. WITNESS NAME WITNESS SIGNATURE // //	DATE
Chance I Williams The I Milei-	12/21/15
ADDRESS (/	CITIZENSHIP
2400 Valley Crite	U.5A
MIF. 2 MI 48380	SARARARARANAN NANANANAN NANAN NA

page 4 of 4

PATENT REEL: 037411 FRAME: 0398

RECORDED: 01/05/2016