PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

nic Version v1.1 EPAS ID: PAT4085243

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL NESTEROFF	08/16/2016
JONATHAN ACKER	08/11/2016
JEFFREY CRUTCHFIELD	09/21/2016
NATE COOPER	09/23/2016
MARK WHITLOCK	09/23/2016

RECEIVING PARTY DATA

Name:	ROLLS-ROYCE CORPORATION
Street Address:	450 SOUTH MERIDIAN STREET
City:	INDIANAPOLIS
State/Country:	INDIANA
Postal Code:	46225

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15234601

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	G2640-00054/RCA11691
NAME OF SUBMITTER:	JUSTUS L. GETTY
SIGNATURE:	/Justus L. Getty/
DATE SIGNED:	10/06/2016

Total Attachments: 6

PATENT REEL: 039951 FRAME: 0952

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PATENT REEL: 039951 FRAME: 0953

ASSIGNMENT

(1)	Assignor	(1)	Michael Nesteroff
			Jonathan Acker
			Jeffrey Crutchfield
	,		Nate Cooper
			Mark Whitlock
	For good and valuable consideration	, suffici	ency and receipt of which is hereby
acknov			ed agree(s) to assign, and hereby do(es)
	transfer and set over to	J	
,			
(2)	Insert name of Assignee	(2)	Rolls-Royce Corporation
			450 South Meridian Street
(3)	Insert address of Assignee	(3)	Indianapolis, IN 46225
and its	successors, legal representatives and	assigns	(hereinafter designated as the Assignee) the
entire r	ight, title and interest in the invention	disclos	sed and/or claimed in the United States
applica	tion identified below, as well as all a	pplication	ons for patent and any Letters Patent which
may be	granted therefor and therefrom in the	e United	1 States of America and all foreign countries,
and in	and to any and all divisions, continua	tions, co	ontinuations-in-part of said applications, or
re-issue	es or extensions of said patents or Let	ters Pat	ent, and all rights under the International
Conver	ntion for the Protection of Industrial F	roperty	, including but not limited to the right to
claim c	lamages and seek all other remedies a	gainst a	any third party's infringement of said patents
			right and interests to claim priority related to
said ap	plications and patents as well as all or	ther em	oluments, interests, profits, and benefits
	therefrom:		androne i de la compaña de Compaña de la compaña de l
(4)	Insert Identification of	(4)	IMPELLER SHROUD WITH A
		\ <i>\</i>	SLIDABLE COUPLING FOR
			CLEARANCE CONTROL IN A
	$(-e^{i\frac{\pi}{2}})^{\frac{1}{2}}(e^{i\frac{\pi}{2}}) = (-e^{i\frac{\pi}{2}})^{\frac{1}{2}}(e^{i\frac{\pi}{2}}) = (-e^{i\frac{\pi}{2}})^{\frac{1}{2}}(e^{i\frac{\pi}{2}}) = (-e^{i\frac{\pi}{2}})^{\frac{1}{2}}(e^{i\frac{\pi}{2}})$		CENTRIFUGAL COMPRESSOR
	Docket Number, or Foreign	j.	G2640-00054/RCA11691
	Application Number		

DM2\7045039.3

(5)	Alternative identification	(5)	Application Number:
	for filed applications		Filed:

The undersigned further agree(s) to cooperate with the Assignee in every way possible and to do all affirmative acts, and to execute all papers which counsel for Assignee shall advise are necessary and/or desirable without charge to Assignee in connection with said applications including, without limitation, the execution of separate assignments in connection with such applications, claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to said Assignee, as Assignee of the entire interest, and hereby covenants that he/she has (they have) full right to convey the entire interest herein assigned, and that he/she has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) to: D. Joseph English, Reg. No. 42,514; Mark C. Comtois, Reg. No. 46,285; and Patrick D. McPherson, Reg. No. 46,255; and Justus Getty, Reg. No. 70,395 the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

Control of the Contro

In witness whereof, e	executed by the undersign	ned on the date(s) opposite the undersigned
name(s).		
Date <u>16-446-16</u>	Signature of Inventor _	Michael Nesteroff
Date	Signature of Inventor _	Jonathan Acker
		Johannan Acker
Date	Signature of Inventor _	Jeffrey Crutchfield
	e militar	
Zarie	G'	
Date	Signature of Inventor _	Nate Cooper
Date	Signature of Inventor _	Mark Whitlock

Sugar and the sugar suga

In witness wher	eof, executed by the undersigne	d on the date(s) opposite the undersigned	d
name(s).			
Date	Signature of Inventor	Michael Nesteroff	
Date 8/4/14	Signature of Inventor	And And Jonathan Acker	
Date	Signature of Inventor	Jeffrey Crutchfield	
Date	Signature of Inventor	Nate Cooper	
Date	Signature of Inventor	Mark Whitlock	

In witness where name(s).	f, executed by the undersigned on the date(s) opposite the unders	igned
Date	Signature of Inventor Michael Nesteroff	
Date	Signature of Inventor Jonathan Acker	
Date <u>21 Sep 2016</u>	Signature of Inventor	
Date	Signature of InventorNate Cooper	
Date	Signature of Inventor	

In witness whe	creof, executed by the undersign	ed on the date(s) opposite the undersigned
Date	Signature of Inventor	Michael Nesteroff
Date	Signature of Inventor _	Jonathan Acker
Date	Signature of Inventor _	Jeffrey Crutchfield
Date <u>9/23/201</u>	Signature of Inventor _	Nate Cooper
Date <u>9/23/2016</u>	Signature of Inventor _	Mose Wallock