

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4931712

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	MICHAEL J ARMSTRONG	11/30/2015
	IGOR VAISMAN	10/27/2015
RECEIVING PARTY DATA		
Name:	ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC.	
Street Address:	2059 SOUTH TIBBS AVENUE	
City:	INDIANAPOLIS	
State/Country:	MICHIGAN	
Postal Code:	46241	
Name:	ROLLS-ROYCE CORPORATION	
Street Address:	450 SOUTH MERIDIAN STREET	
City:	INDIANAPOLIS	
State/Country:	INDIANA	
Postal Code:	46225-1103	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	15962178	
CORRESPONDENCE DATA		
Fax Number:	(248)593-0610	
<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:	248-594-0600	
Email:	patentmail@fishstewip.com	
Correspondent Name:	FISHMAN STEWART PLLC AND ROLLS-ROYCE COR	
Address Line 1:	39533 WOODWARD AVENUE	
Address Line 2:	SUITE 140	
Address Line 4:	BLOOMFIELD HILLS, MICHIGAN 48304	
ATTORNEY DOCKET NUMBER:	67382-0531	
NAME OF SUBMITTER:	PAUL M. RATZMANN	
SIGNATURE:	/Paul M. Ratzmann/	

DATE SIGNED:	04/25/2018
Total Attachments: 8 source=R1568296#page1.tif source=R1568296#page2.tif source=R1568296#page3.tif source=R1568296#page4.tif source=R1568295#page1.tif source=R1568295#page2.tif source=R1568295#page3.tif source=R1568295#page4.tif	

ASSIGNMENT BY INVENTOR

THIS ASSIGNMENT, made this 30th day of November, 2015, by Michael J. Armstrong (hereinafter referred to as Assignor), residing at 8407 Charleston Way, Avon, Indiana 46123;

WHEREAS, Assignor has invented certain new and useful improvements in ENGINE DRIVEN BY SCO_2 CYCLE WITH INDEPENDENT SHAFTS FOR COMBUSTION CYCLE ELEMENTS AND PROPULSION ELEMENTS, set forth in a Provisional application for Letters Patent of the United States, filed as U.S. Serial No. 62/181,887 on June 19, 2015; and

WHEREAS, Rolls-Royce North American Technologies, Inc., a Corporation organized under and pursuant to the laws of Delaware having its principal place of business at 2059 South Tibbs Avenue, Indianapolis, Indiana 46241 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire worldwide right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

67382-0296/RCA11411

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AND for the same consideration, Assignor hereby represents and warrants to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Provisional application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor hereby requests the Commissioner for Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignor hereby grants the following individuals 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 and Trademark Office for recordation of this document:

FISHMAN STEWART YAMAGUCHI PLLC

All practitioners at Customer Number 126260

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Nov. 30, 2015
Date


Michael J. Armstrong

Witness:

Nov. 30, 2015
Date



ASSIGNMENT BY INVENTOR

THIS ASSIGNMENT, made this 27th day of October, 2015, by Igor Vaisman (hereinafter referred to as Assignor), residing at 13931 Amblerwind Place, Carmel, Indiana 46074;

WHEREAS, Assignor has invented certain new and useful improvements in ENGINE DRIVEN BY SCO₂ CYCLE WITH INDEPENDENT SHAFTS FOR COMBUSTION CYCLE ELEMENTS AND PROPULSION ELEMENTS, set forth in a Provisional application for Letters Patent of the United States, filed as U.S. Serial No. 62/181,887 on June 19, 2015; and

WHEREAS, Rolls-Royce Corporation, a Corporation organized under and pursuant to the laws of Delaware having its principal place of business at 450 South Meridian Street, Indianapolis, Indiana 46225-1103 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire worldwide right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

AND for the same consideration, Assignor hereby represents and warrants to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Provisional application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

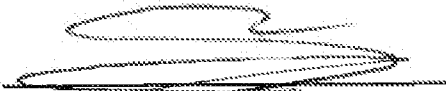
AND Assignor hereby requests the Commissioner for Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignor hereby grants the following individuals 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 and Trademark Office for recordation of this document:

RADER, FISHMAN & GRAUER PLLC

All practitioners at Customer Number 126260

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.


Date

10/27/2015
Igor Vaisman

Witness:

Date

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