

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5229198

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	STEPHEN ANDREW LONG	11/07/2018
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC.	
<b>Street Address:</b>	2059 S. TIBBS AVENUE	
<b>City:</b>	INDIANAPOLIS	
<b>State/Country:</b>	INDIANA	
<b>Postal Code:</b>	46241	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	16184648
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>		
<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>		
<b>Phone:</b>	651-735-1100	
<b>Email:</b>	pairedocketing@ssiplaw.com	
<b>Correspondent Name:</b>	SHUMAKER & SIEFFERT, P.A. ROLLS-ROYCE CO	
<b>Address Line 1:</b>	1625 RADIO DRIVE	
<b>Address Line 2:</b>	SUITE 100	
<b>Address Line 4:</b>	WOODBURY, MINNESOTA 55125	
<b>ATTORNEY DOCKET NUMBER:</b>	1106-389US01'LWA12206_US	
<b>NAME OF SUBMITTER:</b>	NANCY J. BURR	
<b>SIGNATURE:</b>	/Nancy J. Burr/	
<b>DATE SIGNED:</b>	11/08/2018	
<b>Total Attachments: 1</b>		
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ASSIGNMENT

For valuable consideration, I, Stephen Andrew Long of 303 John Street, Carmel, IN 46032, hereby assign to: Rolls-Royce North American Technologies, Inc., having a place of business at: 2059 S. Tibbs Avenue, Indianapolis, IN 46241, United States of America, and its successors and assigns (collectively hereinafter called "the Assignee") the entire right, title and interest throughout the world in the inventions and improvements which are the subject of an application for United States Patent signed by me, entitled ELECTRICAL ARCHITECTURE FOR HYBRID PROPULSION, this assignment including said application, (and do hereby authorize the Assignee and its representative to hereafter add herein such application number(s) and/or filing date(s) when known), any provisional, continuation, continuation-in-part, divisional, reissue, renewal, extension or other application for any of said inventions or improvements, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for myself and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: Nov 7, 2016

  
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Stephen Andrew Long

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