503135621 01/14/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
Kristofer John BOTTOME	12/23/2014	

RECEIVING PARTY DATA

Name:	Rolls-Royce Plc		
Street Address:	62 Buckingham Gate		
City:	London		
State/Country:	Great Britain		
Postal Code:	SW1E 6AT		

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14596455	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	164488
NAME OF SUBMITTER:	ANGELA M. NOLAN
SIGNATURE:	/Angela M. Nolan/
DATE SIGNED:	01/14/2015

Total Attachments: 2

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PATENT 503135621 REEL: 034706 FRAME: 0569

ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e)) For Application with Filing Date on or after September 16, 2012

ASSIGNMENT

	Insert	(1)	Kristofer John BOTTOME	(2)		
(1-8)	Legal Name(s)	(3)		(4)		
	of Inventor(s)	(5)		(6)		
		(7)		(8)		
		the unc	sideration of the sum of one dollar dersigned, the receipt and sufficien and hereby does assign, transfer	(\$1.00) and other good and valuable consideration paid ccy of which are hereby acknowledged, each undersigned and set over to	to each of Lagrees to	
(9) Insert Name of Assignee (9) ROLLS-ROYCE PLC						
(10)	Insert Address of Assignee	(10)	(10) 62 Buckingham Gate, London, SWIE 6AT, Great Britain			
		(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representative the entire right, title and interest for the United States of America as defined in 35 U.S.C. § 100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional continuation, international, confirmation, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as				
(11)	Insert Identification such as Title, Case Number, or Foreign Application Number	(11)	Leading Edge Protector			
		(Attor	ney Docket No. 164488)	
(12)	Alternative	(12)	U.S. Application Number	14/596,455		
	Identification for filed applications	filed	January 14, 2015			

- 1) Each undersigned agrees to execute all papers necessary in connection with any application and/or patent for the invention and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application or patents for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office and other issuing authorities to issue any and all patents resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the firm of OLIFF PLC the power to insert on this assignment any further identification that 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.

(13) Declaration

As an above named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

The application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified application, including the claims, and am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U S C 1004 by line or imprisonment of not more than five (5) years, or both.

23 DECEMBER 2014 Inventor Signature Kristofer John BOTTOME Inventor Signature ___ Inventor Signature (SFAI) Inventor Signature (SEAL) Date Inventor Signature (SEAL) Inventor Signature Date Inventor Signature (SEAL) Date This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here: 33 DECEMBER 2014 for Kristofer John BOTTOME Witness Date 23 DECEMBER 2014 for Kristofer John BOTTOME Witness Witness Witness Witness Witness

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

PATENT REEL: 034706 FRAME: 0571