502643228 01/21/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2689836

SUBMISSION TYPE:			NEW ASSIGNMENT		
NATURE OF CONVEYANCE:			ASSIGNMENT		
CONVEYING PARTY	DATA				
		N	ame	Execution Date	
BRIAN VARNEY				12/16/2013	
RECEIVING PARTY	DATA				
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Postal Code:	CV3 4LF	CV3 4LF			
Application Number:		141161	6176		
Property Type Application Number		141161	Number 4116176		
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PATENT REEL: 032006 FRAME: 0532

ASSIGNMENT AND AGREEMENT

For value received, I, Brian Varney, c/o Jaguar Land Rover, Patent Department W/1/073, Abbey Road, Whitley, Coventry, Warwickshire CV3 4LF, UK hereby sell, assign and transfer to Jaguar Land Rover Limited a corporation of the State of Delaware, having an office at Abbey Road, Whitley, Coventry, CV3 4LF, UK, and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to DIAGNOSTIC FOR ENGINE CAM PROFILE SWITCHING SYSTEM, which is disclosed in a Utility Application for United States Letters Patent filed November 7, 2013, and identified as United States Patent Application Serial No. 14/116,176, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and I also concurrently hereby sell, assign and transfer to Jaguar Land Rover Limited the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

I authorize Jaguar Land Rover Limited to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from me, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Jaguar Land Rover Limited to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

I request that any and all patents for said inventions be issued to Jaguar Land Rover Limited in the United States and in all countries foreign to the United States, or to such nominees as Jaguar Land Rover Limited may designate.

PATENT REEL: 032006 FRAME: 0533 I agree that, when requested, I shall, without charge to Jaguar Land Rover Limited but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Date:

RECORDED: 01/21/2014

Brian Varney

Jaguar Land Rover Limited Abbey Road Whitley, Coventry CV3 4LF, UK

> PATENT REEL: 032006 FRAME: 0534