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PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4554983

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
JUAN HERRERA	08/15/2017	
STEPHEN DOCKER	08/15/2017	

RECEIVING PARTY DATA

Name:	JAGUAR LAND ROVER LIMITED
Street Address:	ABBEY ROAD
Internal Address:	WHITLEY
City:	COVENTRY, WARWICKSHIRE
State/Country:	GREAT BRITAIN
Postal Code:	CV3 4LF

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15549988

CORRESPONDENCE DATA

Fax Number:

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.

Phone: 919-854-1400

Email: sfreedman@myersbigel.com SUSAN E. FREEDMAN **Correspondent Name:** Address Line 1: MYERS BIGEL, P.A. Address Line 2: PO BOX 37428

Address Line 4: RALEIGH, NORTH CAROLINA 27627

ATTORNEY DOCKET NUMBER:	1246-137
NAME OF SUBMITTER:	SUSAN E. FREEDMAN
SIGNATURE:	/Susan E. Freedman/
DATE SIGNED:	08/17/2017

Total Attachments: 4

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PATENT REEL: 043320 FRAME: 0804

ASSIGNMENT

THIS ASSIGNMENT, made by us, Juan HERRERA, of Coventry, Warwickshire, Great Britain; and Stephen DOCKER, of Coventry, Warwickshire, Great Britain;

WITNESSETH: That,

WHEREAS, we are the joint inventors of new and useful improvements in VEHICLE STATE ESTIMATION APPARATUS AND METHOD, for which Great Britain Patent Application No. 1503552.0 was filed on March 3, 2015 in the U.K. Intellectual Property Office, for which Patent Cooperation Treaty (PCT) Application No. PCT/EP2016/053421 was filed on February 18, 2016, in the European Patent Office as the International Receiving Office and for which U.S. Patent Application No. 15/549,988 was filed on August 9, 2017 in the U.S. Patent and Trademark Office; and

WHEREAS, Jaguar Land Rover Limited, an England corporation having a principal place of business at Abbey Road, Whitley, Coventry, Warwickshire, CV3 4LF, Great Britain, hereinafter referred to as Assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said patent applications, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said Assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and patent applications, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereon or therefor, together with the right to claim the priority of said patent applications in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and patent applications above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to promptly communicate to said Assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the Assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said Assignee, its successors, assigns, and other legal representatives; and we hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said Assignee or its representatives.

IN WITN	ESS WHERE	OF, I have hereunto	set my hand and	seal on this	15 day of
August	_, 2017.				
W. W.	2			-	
·		(SEAL)			
Juan HERRER	A .	 , ,			

WHEREBY JAGUAR LAND ROVER LIMITED acknowledges and accepts the assignment;

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this _16__day of August, 2017. The undersigned warrants and represents that he/she has the authority to sign this Assignment on behalf of the Assignee, JAGUAR LAND ROVER LIMITED.

By:	(SEAL)
Printed name: <u>Matthew Holmes</u>	
Title:Chief Patent Counsel	

PATENT REEL: 043320 FRAME: 0808

RECORDED: 08/17/2017