505146413 10/17/2018

PATENT ASSIGNMENT COVER SHEET

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Version v1.1 EPAS ID: PAT5193179

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| DAN DENNEHY | 09/21/2018 |
| STEVE LIGGINS | 10/08/2018 |
| DAVID ARMSTRONG | 10/05/2018 |

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: | 16163114 |

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

Correspondent Name: MYERS BIGEL, P.A. Address Line 1: PO BOX 37428

Address Line 4: RALEIGH, NORTH CAROLINA 27627

| ATTORNEY DOCKET NUMBER: | 1246-202 |
|-------------------------|---------------------|
| NAME OF SUBMITTER: | SUSAN E. FREEDMAN |
| SIGNATURE: | /Susan E. Freedman/ |
| DATE SIGNED: | 10/17/2018 |

Total Attachments: 5

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PATENT REEL: 047200 FRAME: 0743

ASSIGNMENT

THIS ASSIGNMENT, made by us, **Dan DENNEHY**, of Whitley, Coventry, Warwickshire, Great Britain; **Steve LIGGINS**, of Whitley, Coventry, Warwickshire, Great Britain; and **David ARMSTRONG**, of Whitley, Coventry, Warwickshire, Great Britain;

WITNESSETH: That,

WHEREAS, we are the joint inventors of new and useful improvements in **METHOD OF CONTROLLING A HYBRID VEHICLE**, for which Great Britain Patent Application No.

1719514.0 was filed on November 24, 2017 in the U.K. Intellectual Property Office, and for which U.S. Patent Application No. 16/163,114 was filed on 10-17-2018 in the U.S. Patent and Trademark Office (We hereby authorize and request Myers Bigel, P.A., to insert the filing date and application number of said application when known or to file this Assignment concurrently with the application); and

WHEREAS, **Jaguar Land Rover Limited**, a British 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 application, 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 application 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, and to the extent not already assigned to the assignee, we possess full title to the invention and application 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 assignce or its representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 21 day of September, 20/8.

Dan DENNEHY (SEAL)

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| Attorney Docket No. 1246-202 (JLRP10395US | ;1) |
|---|-----|
| IN WITNESS WHEREOF, I have hereunto set my hand and seal on this day of | |
| <u>(Ctobel</u> , 2018 | |
| | |
| Steve LUCGINS (SEAL) | |

| • | Attorney Docket No. 1246-202 (JLRP 10395 US1) |
|--|--|
| IN WITNESS WHEREO | F, I have hereunto set my hand and seal on this $\frac{\sqrt{5}7^{4}}{2}$ day of |
| OCTUBER, 2018. | |
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| The state of the s | (SEAL) |

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WHEREBY JAGUAR LAND ROVER LIMITED acknowledges and accepts the assignment;

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this _17__day of October, 2018. The undersigned warrants and represents that he/she has the authority to sign this Assignment on behalf of the Assignee, JAGUAR LAND ROVER LIMITED.

| Ву: | Mille | (SEAL) |
|---------|-----------------------------|--------|
| Printed | name: <u>Matthew Holmes</u> | |
| Title: | Chief Patent Counsel | |

PATENT REEL: 047200 FRAME: 0748

RECORDED: 10/17/2018