503613448 12/16/2015

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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KARMJIT GREWAL	12/15/2015
ANDREW BURROWS	12/14/2015

RECEIVING PARTY DATA

Name:	JAGUAR LAND ROVER LIMITED
Street Address:	ABBEY ROAD, WHITLEY
Internal Address:	WARWICKSHIRE
City:	COVENTRY
State/Country:	UNITED KINGDOM
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14897460

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	1246-72
NAME OF SUBMITTER:	CANDI L. RIGGS
SIGNATURE:	/CLR/
DATE SIGNED:	12/16/2015

Total Attachments: 4

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PATENT 503613448 REEL: 037300 FRAME: 0822

ASSIGNMENT

THIS ASSIGNMENT, made by us, **Karmjit Grewal**, of Coventry, Warwickshire, Great Britain; and **Andrew Burrows**, of Coventry, Warwickshire, Great Britain;

WITNESSETH: That,

WHEREAS, we are the joint inventors of new and useful improvements in IMPROVEMENTS RELATING TO RANGE PREDICTION IN ELECTRIC VEHICLES for which Great Britain Patent Application Nos. 1311515.9 was filed on June 27, 2013 and 1314234.4 was filed on August 8, 2013, in the U.K. Intellectual Property Office, for which Patent Cooperation Treaty (PCT) Application No. PCT/EP2014/062573 was filed on June 16, 2014 with the European Patent Office as the International Receiving Office, and for which United States Patent Application No. 14/897,460 was filed on December 10, 2015 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.

PATENT REEL: 037300 FRAME: 0823 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 Assignce 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 WITNESS WHEREOF, I have hereunto set my hand and seal on this 15th day of

2015.

Karmjit Grewal

IN WITNESS WHEREOI	F, I have hereunto set my hand and seal on this 14 day of
December, 2015.	
No	(OFAL)
Andrew Burrows	(SEAL)

WHEREBY JAGUAR LAND ROVER LIMITED acknowledges and accepts the assignment;

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this <u>14</u> day of <u>December</u>, 2015. 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)

Matthew Holmes Chief Patent Counsel