PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4819686

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT			
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNEE'S COUNTRY INCORRECTLY ENTERED/RECORDED AS FRANCE TO UNITED KINGDOM previously recorded on Reel 044881 Frame 0744. Assignor(s) hereby confirms the ENTIRE RIGHTS AND INTEREST			

CONVEYING PARTY DATA

Name	Execution Date
ELLIOT HEMES	12/14/2016
DAN DENNEHY	01/13/2017
ANDREW FAIRGRIEVE	01/03/2017
JAMES KELLY	01/18/2017
SAM ANKER	12/19/2016

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15317909	

CORRESPONDENCE DATA

Fax Number: (248)689-4071

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: 248-689-3500 Email: tack@reising.com JAMES D. STEVENS **Correspondent Name:**

Address Line 1: 755 W.BIG BEAVER, SUITE 1850

Address Line 4: TROY, MICHIGAN 48084

ATTORNEY DOCKET NUMBER:	8189-3215-US1
NAME OF SUBMITTER:	PAULA TACK
SIGNATURE:	/paula tack/
DATE SIGNED:	02/12/2018

PATENT REEL: 045303 FRAME: 0058

Total Attachments: 7 source=Assignment Receipt#page1.tif source=Assignments-signed#page1.tif source=Assignments-signed#page2.tif source=Assignments-signed#page2.tif source=Assignments-signed#page3.tif source=Assignments-signed#page4.tif source=Assignments-signed#page5.tif

PATENT REEL: 045303 FRAME: 0059 Assignment Page 1 of 2

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date		
ELLIOT HEMES	12/14/2016		
DAN DENNEHY	01/13/2017		
ANDREW FAIRGRIEVE	01/03/2017		
JAMES KELLY	01/18/2017		
SAM ANKER	12/19/2016		

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

	Property Type	Number		
1		15317909		

CORRESPONDENCE DATA

 Fax Number:
 (248)689-4071

 Phone:
 248-689-3500

 Email:
 tack@reising.com

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.

Correspondent Name: JAMES D. STEVENS REISING ETHINGTON P.C.

Address Line 1: P.O. BOX 4390

Address Line 4: TROY, MICHIGAN 48099

ATTORNEY DOCKET NUMBER:	8189-3215-US1
NAME OF SUBMITTER:	PAULA TACK
Signature:	/paula tack/

Assignment Page 2 of 2

Total Attachments: 5
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RECEIPT INFORMATION

EPAS ID: PAT4818421
Receipt Date: 02/09/2018

For the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned:

Elliot HEMES		Solihulf B90 1JH West Midlands UK	\$ \$			
[Full Name of Assignor 1		[Residence Address]				
Dan DENNEHY (Self Name of Assignor)	, residing at <u>l</u>	, residing at Leamington Spa CV31 2TN Warwickshire UK				
Andrew FAIRGRIE [Fall Notice of Strapper of	the state of the s	Rugby CV23 9LB Warwickshire UK	***************************************			
James KELLY		Solihuli 8938TG West Midlands UK				
(Phil Name of Andgrar #		Mesidence Address				
do hereby assign, sei	i and set over to:					
		d Rover Limited	, located at			
/	Abbey Road, Whitley,Cove	niry,Warwickshire CV3 4LF Great i	3ritain			
Thereins fer referred		sors, assigns or other legal represen	anationno atom milatar minitar usas			
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Serial No.	15/317,909 , file	ed December 9, 2016				
name(s) of the unde Assignee, its success	orsigned, at its election. sors, assigns or other legal I countries. The Assignee	y and all foreign countries in its ow And the undersigned hereby assign representatives, all rights of priori- a and its agents are authorized to in	n, sell and set over to said ty in and to said inventions			
rights being granted applications for Lette which said Assigned thereto the rights here Date: 14/12/1	herein. Further, the unde ers Patent of any and all kin	as h	y and all papers, including to perform any and all acts deem necessary to secure			
		Austew FA				

For the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned:

Elliot HEMES [Full Name of Assignor #1]	, resid	ing at <u>Solihull</u>	B90 1	JH West Midland	s UK	
Dan DENNEHY (Full Name of Assignor #2)	, resid	ing at <u>Leamin</u>	gton S	pa CV31 2TN Wa	rwickshire UK	
Andrew FAIRGRIEVE [Full Name of Assignor #3]	, resid	ing at Rugby	CV23 9	LB Warwickshire	UK	
James KELLY [Full Name of Assignor #4]	, resid	ing at Solihull	B9387	G West Midlands	UK	
do hereby assign, sell and se	et over to:					
	Jagu	ar Land Rove		ed		, located at
Abbey R	Road, Whitle		arwicks	shire CV3 4LF G	reat Britain	
(hereinafter referred to as A and interest, domestic and United States Letters patent,	foreign, in		ssigns			
	VEHICLE	CONTROL S [Patent Application T		M AND METHOD	<u>.</u>	
which can be identified in the	ne United St	ates Patent an	d Trad	emark Office as:		
Serial No. 15/3	17,909	, filed	Dec	ember 9, 2016	,	
including the right of said A including original, continua and discoveries in the Unite name(s) of the undersigned Assignee, its successors, as and discoveries in all count Filing Date in the spaces pro-	tion, and divided States and li, at its elections or other ries. The A	visional applid in any and a ction. And the er legal represenses and it	cations all forc ne undo sentativ	, and to receive I ign countries in it ersigned hereby a ves, all rights of p	Letters Patent if ts own name of assign, sell an oriority in and	for said inventions or names, or in the d set over to said to said inventions
The undersigned hereby reprights being granted herein, applications for Letters Pate which said Assignee, its stathereto the rights herein assignee.	Further, then of any an accessors, a	ne undersigne d all kinds an ssigns or oth	d herel d in an	by agree to executy and all countries	ite any and all s and to perfor	papers, including m any and all acts
Date: 13/01/17						
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				1. 1.	Dan DENNEHY	7
				Ai	ndrew FAIRGRIEVE	· · · · · · · · · · · · · · · · · · ·
			1	·	James KELLY	

For the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned:

Elliot HEMES	, residing at Solihull B90 1JH West Midlands UK					
[Full Name of Assignor #1]	[Residence Address]					
Dan DENNEHY [Full Name of Assignor #2]	, residing at Leamingto	, residing at Leamington Spa CV31 2TN Warwickshire UK [Residence Address]				
Andrew FAIRGRIEVE	, residing at Rugby CV	, residing at Rugby CV23 9LB Warwickshire UK				
[Full Name of Assignor #3]	[Residence Address]					
James KELLY [Full Name of Assignor #4]						
do hereby assign, sell and set	over to:	[Residence Address]				
	Jaguar Land Rover L		, located at			
Abbev Ro	Full Legal Name of Assig pad. Whitley.Coventry.War	nickshire CV3 4LF Great Britain	_			
	[Assignee's Address]	Violentia o Vo Tei Oreat Britain				
	oreign, in and to the inven	gns or other legal representatives, the entions and discoveries set forth in the				
TALKET ALL THE STATE OF THE STA	VEHICLE CONTROL SYS [Patent Application Title]	STEM AND METHOD				
which can be identified in the	United States Patent and T	Trademark Office as:				
Serial No. 15/31	7,909 , filed	December 9, 2016,				
and discoveries in the United name(s) of the undersigned, Assignee, its successors, assigned and discoveries in all countries. Filing Date in the spaces prove The undersigned hereby representations being granted herein. Applications for Letters Patent	States and in any and all at its election. And the agns or other legal represences. The Assignee and its a ided above. Seent and warrant that no refurther, the undersigned has of any and all kinds and incessors, assigns or other incessors, assigns or other incessors.	ions, and to receive Letters Patent for sale foreign countries in its own name or natural undersigned hereby assign, sell and sale tatives, all rights of priority in and to sale agents are authorized to insert the Serial ights have been granted that are inconsidereby agree to execute any and all pages any and all countries and to perform a legal representatives may deem neces	ames, or in the et over to said said inventions al Number and sistent with the pers, including any and all acts			
Date:						
This Form should be notarized or otherw.	ise legalized in the space below.					
		Elliot HEMES				
		Dan DENNEHY Andrew EXIRGRIEVE James KELLY				

For the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned:

Ellior HEMES	, residing at Solihull 1990 1,JH West Midlands UK				
Dan DENNEHY	, residing at Learnington Spa CV31 2TN Warwickshire UK				
Andrew FAIRGRIEVE	, residing at R	, residing at Rugby CV23 9LB Warwickshire UK			
James KELLY	, residing at Solihull 8938TG West Midlands UK				
do hereby assign, sell and s	et over to:		ar dahar)		
	***************************************	Rover Limited		, located at	
Abbey F	Coo. Whitey Coven		3 4LF Great Brita	n	
(hereinafter referred to as A and interest, domestic and United States Letters patent	esignee), its success foreign, in and to if antifled: VEHICLE CONTR	ors, assigns or other te inventions and di COL SYSTEM AND I	acoveries and forth		
which can be identified in t		nt and Trademark O	ffice as:		
Scrial No. 15/2	917,909 , files	l December 9	2016		
including the right of said A including original, continua and discoveries in the Unite name(s) of the undersigned Assigned, its successors, as and discoveries in all count Filing Date in the spaces por	tion, and divisional ad States and in any I, at its election. A signs or other legal i ries. The Assignee	applications, and to and all foreign coun nd the undersigned opresentatives, all n	racive Letters Par Ories in its own ma hereby assign, sel Otto of spiorny in	CHI for suid invention The or number of the St I and set over to said	
The underrighed hereby registry being granted herein applications for Letters Parameters and Assigned to the control of the co	Further, the under mt of any and all kind accessors, assigns or great sold and set or	igned hereby agree Is and in any and all other legal repress or.	to execute any an commissional to p matrice may deep		

PATENT

REEL: 045303 FRAME: 0065

For the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned:

Sam ANKER	NKER , residing at Coventry Warwickshire CV5 9FR UK		
[Full Name of Assignor i	II	[Resulence Address]	
CE HAT CALL	, residing at		
[Full Name of Assignor #		[Residence Address]	
[Full Name of Assignor h	residing at	[Rusidence Address]	
	, residing at	incomence dances	
[Full Name of Assignor #	, residing at	[Residence Address]	
do hereby assign, se	l and set over to:		
	Jaguar Land Ro	ver Limited . located at	
· · · · · · · · · · · · · · · · · · ·	[Full Legal Name		
	Abbey Road, Whitley,Coventry	Warwickshire CV3 4LF Great Britain	
	[Assigner's Ac		
	ic and foreign, in and to the	, assigns or other legal representatives, the entire right, title inventions and discoveries set forth in the application for	
	VEHICLE CONTRO	L SYSTEM AND METHOD	
	[Patent Applicati	·	
which can be identif	ed in the United States Patent	and Trademark Office as:	
Serial No.	15/317,909 , filed _	December 9, 2016 ,	
and discoveries in the name(s) of the under Assignee, its success and discoveries in a	e United States and in any an ersigned, at its election. And sors, assigns or other legal rep	plications, and to receive Letters Patent for said inventions d all foreign countries in its own name or names, or in the undersigned hereby assign, sell and set over to said resentatives, all rights of priority in and to said inventions d its agents are authorized to insert the Serial Number and	
rights being granted applications for Lett which said Assigne	herein. Further, the undersignors Patent of any and all kinds	t no rights have been granted that are inconsistent with the ned hereby agree to execute any and all papers, including and in any and all countries and to perform any and all acts other legal representatives may deem necessary to secure	
Date: 19 12	ized or otherwise legalized in the space below.	Sam ANNER	