504093878 11/14/2016 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY D	ΑΤΑ				
		Name		Execution Date	
ANDREW PHILIP BARN			08/28/2013		
PETER STUART BRETT			09/09/2013		
STEVEN PAUL GOODIER			08/19/2013		
MARK O'MALLEY				08/28/2013	
RECEIVING PARTY DA	 .TA				
Name:	CASTROL LIMITED				
Street Address:	WAKEFIELD HOUSE				
Internal Address:	PIPERS	PIPERS WAY			
City:	SWINDON, WILTSHIRE				
State/Country:		UNITED KINGDOM			
Postal Code:	SN3 1R	SN3 1RE			
PROPERTY NUMBERS Total: 1 Property Type		Number]		
Application Number:	· ·	14443625			
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CORRESPONDENCE D	ΑΤΑ				
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SIGNATURE:		/Patrick Gattari/	/Patrick Gattari/		
DATE SIGNED:		11/14/2016	11/14/2016		
Total Attachments: 4					
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ASSIGNMENT

<u>WHEREAS</u>, WE, Andrew Philip <u>BARNES</u>, Peter Stuart <u>BRETT</u>, Steven Paul <u>GOODIER</u>, and Mark <u>O'MALLEY</u>, all of British nationality, residing at Shropham, Norfolk, United Kingdom; Reading, Berkshire, United Kingdom; Moulsford, Oxfordshire, United Kingdom; and Grundisburgh, Suffolk, United Kingdom, respectively, have made an invention relating to Apparatus and Method, which is the subject of BP Patent Case No.500371 filed on 19 November 2012 under European Patent Application No. 12193246.1 (hereinafter the "Invention"); and

WHEREAS BP Patent Case No. 500371 is a revision with amended text of BP Patent Case No. 500165 which was filed 22 February 2012 under European Patent Application No. 12250039.0 (the "Application") and which Application has been withdrawn unconditionally in its entirety, with no rights outstanding as of 2 November 2012;

WHEREAS I, Andrew Philip BARNES, when contributing to said Invention and improvements thereto was a director of POWERTRAIN TECHNOLOGIES LIMITED registered in England and Wales with company number 02574270 and having a registered office at 3-4 Chalk Lane, Snetterton, Norwich, Norfolk, NR16 2JZ, United Kingdom and am joint inventor of said Invention; and

WHEREAS I, Peter Stuart BRETT, when contributing to said Invention and improvements thereto was a director of PETER BRETT CONSULTING LIMITED registered in England and Wales with company number 07701347 and having a registered office at 4 Blenheim Road, Caversham, Reading, Berkshire, RG4 7RS, United Kingdom and am joint inventor of said Invention; and

WHEREAS I, Steven Paul <u>GOODIER</u>, when contributing to said Invention and improvements thereto was an employee of LUBRICANTS UK LIMITED registered in England and Wales with company number 00097216 and having a registered office at Chertsey Road, Sunbury on Thames, Middlesex TW16 7BP, United Kingdom and am joint inventor of said Invention; and

WHEREAS I, Mark O'MALLEY, when contributing to said Invention and improvements thereto was an employee of POWERTRAIN TECHNOLOGIES LIMITED registered in England and Wales with company number 02574270 and having a registered office at 3-4 Chalk Lane, Snetterton, Norwich, Norfolk, NR16 2JZ, United Kingdom and am joint inventor of said Invention; and

WHEREAS WE, Andrew Philip BARNES and Mark O'MALLEY, each acknowledge that all of our rights in said Invention and improvements thereto and the right to file patent applications therefor in any and all countries of the world and to any and all patent applications therefor and any Letters Patent which may be issued thereupon in any and all countries of the world have vested in POWERTRAIN TECHNOLOGIES LIMITED by contract of employment or through application of law; and

WHEREAS I, Peter Stuart BRETT, acknowledge that all of my rights in said Invention and improvements thereto and the right to file patent applications therefor in any and all countries of the world and to any and all patent applications therefor and any Letters Patent which may be issued thereupon in any and all countries of the world have vested in PETER BRETT CONSULTING LIMITED by contract of employment or through application of law; and

WHEREAS I. Steven Paul <u>GOODIER</u>, acknowledge that all of my rights in said Invention and improvements thereto and the right to file patent applications therefor in any and all countries of the world and to any and all patent applications therefor and any Letters Patent which may be issued thereupon in any and all countries of the world have vested in LUBRICANTS UK LIMITED by contract of employment or through application of law; and

WHEREAS by an agreement number 78259 (hereinafter the "78259" Services Agreement) for the provision of services (as defined in said 78259 Agreement) to CASTROL LIMITED by POWERTRAIN TECHNOLOGIES LIMITED it was agreed that all rights, title, and interest in and to information (as defined in said 78259 Agreement) based, arising in respect of the services and all Intellectual Rights (as defined in said 78259 Agreement) based, in whole or in part, on the information arising in respect of the Services and/or in connection with or pursuance of the Services and/or provision of the Deliverables (as defined in said

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PATENT REEL: 040307 FRAME: 0453 78259 Agreement), including but not limited to, all improvements, developments and modifications thereof shall vest in CASTROL LIMITED and

<u>WHEREAS</u> by an agreement dated 25th August 2011 between PETER BRETT CONSULTING LIMITED having a registered address at 4 Blenheim Road, Caversham, Reading, RG4 7RS, United Kingdom and being registered in England and Wales with company number 07701347 and CASTROL LIMITED, Peter Stuart BRETT, a director of PETER BRETT CONSULTING LIMITED agreed to provide consultancy and development services to CASTROL LIMITED and it was agreed that all Intellectual Property rights based, in whole or part, on the information arising in respect of those services shall vest in CASTROL LIMITED; and

by an agreement dated 26th April 2012 between Harvey Nash plc whose registered office is at 13 Bruton Street, London W1J 60A, United Kingdom and PETER BRETT CONSULTING LIMITED, having a registered address at 4 Blenheim Road, Caversham, Reading, RG4 7RS, United Kingdom and being registered in England and Wales with company number 07701347, Peter Stuart <u>BRETT</u>, a director of PETER BRETT CONSULTING LIMITED agreed to provide engineering consultancy services to LUBRICANTS UK LIMITED and BP INTERNATIONAL LIMITED having a registered office at Chertsey Road, Sunbury on Thames, Middlesex, TW16 7BP, United Kingdom and being registered in England and Wales with company number 542515 (together the "Client") and it was agreed that the Client owns all right, title and interest in and to the inventions and intellectual property rights arising from said services; and

WHEREAS by an assignment dated 28 February 2013, LUBRICANTS UK LIMITED and BP INTERNATIONAL LIMITED have assigned any and all rights, title and interest of LUBRICANTS UK LIMITED and BP INTERNATIONAL LIMITED in said invention and any improvements thereon to CASTROL LIMITED and CASTROL LIMITED has accepted the assignment;

<u>WHEREAS</u> it is the wish of all the parties that the entire right, title and interest in, to and under the said invention and any improvements thereon and the right to file patent applications therefor in any and all countries of the world, any and all patent applications therefor in the USA and all other countries of the world, and any and all Letters Patent which may be issued thereupon in the USA and all other countries of the world, shall vest solely in said CASTROL LIMITED having a registered office at Wakefield House, Pipers Way, Swindon, Wiltshire, SN3 1RE, United Kingdom and being registered in England and Wales with company number 14935;

NOW THEREFORE, to the extent that specific assignment of the invention and/or improvements thereon and the right to file patent applications therefor in any country of the world is needed for the purpose of recording or registration in any patent office, industrial property office or like governmental authority, WE, the said Andrew Philip BARNES, Peter Stuart BRETT, Steven Paul GOODIER and Mark O'MALLEY, POWERTRAIN TECHNOLOGIES LIMITED, PETER BRETT CONSULTING LIMITED, BP INTERNATIONAL LIMITED and LUBRICANTS UK LIMITED for valuable consideration, the receipt and adequacy of which we hereby acknowledge, agree to sell, assign, transfer and set over, and by these presents do hereby sell, assign, transfer and set over, unto CASTROL LIMITED, its successors and assigns, and CASTROL LIMITED agrees to accept and herby does accept, the entire right, title and interest in to and under the said Invention and any improvements thereon including priority rights and the right to file patent applications therefor in any and all countries of the world, and the right to claim priority from any patent application (including but not limited to European Patent Application No. 12193246.1) for the said Invention and any improvements thereon in any country of the world, and any and all patent applications (including but not limited to European Patent Application No.12193246.1) and Letters Patent for said Invention and improvements in the USA and all other countries of the world, and all divisions, renewals and continuations thereof, and all reissues and extensions thereof, with effect from 19 November 2012.

And WE hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute any agreement or other instrument in conflict herewith.

And WE hereby further covenant and agree that we will communicate to the assignee herein, its successors, legal representatives and assigns any facts known to us respecting said Invention and any improvements thereon, and testily in any legal proceedings, sign all lawful papers, execute all divisional, continuing, renewal, reissue and extension applications, make all rightful declarations, and generally do

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everything possible to aid the assignee herein, its successors, legal representatives and assigns in obtaining and enforcing proper patent protection for said Invention and any improvements thereon in the USA and all other countries of the world.

Dated: 28/8/13 Andrew Philip BARNES Witnessed D. FARBURN PRINT WITNESS NAME Dated: 992013 $C \wedge$ Peter Stuart BRETT Witnessed Philippi Fishard PRINT WITNESS NAME Dated: 19/8/13 NYNZ. Steven Paul GOODIER Witnessed Dated: 28/8/13 Mark O'MAL Witnessed D. FR. RBURN PRINT WITNESS NAME Agreed for POWERTRAIN TECHNOLOGIES LIMITED : m.C Dated : 12-5-13 (sianed) BAR 11-5 Ω (print name) Dilecto (print title/position) _ Agreed for PETER BRETT CONSULTING LIMITED : Dated : 992013 (signed) (print name)

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(print title/position)

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Agreed for BP INTERNATIONAL LIMITED:

Dated: 25 09 13 (signed) DAT 7 2 a S Ar (print name)

By Power of Attorney

Agreed for LUBRICANTS UK LIMITED:

Dated: 25/9/13

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(signed) <u>Allabe</u> M virai (print name) EUSABETH MURRAY

By Power of Attorney

Accepted for CASTROL LIMITED:

Dated: 25 SEPT. 2013

(signed)_N.D. Re-

(print name) MICHOWAS DAVED PERKINS

By Power of Attorney

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RECORDED: 11/14/2016