

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4780206

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
EWEN JAMES FERGUSON	08/16/2016
ALEXANDER JAMES PATERSON	07/28/2016
ZHAORONG ZHANG	08/22/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BP P.L.C.
<b>Street Address:</b>	1 ST. JAMES'S SQUARE
<b>City:</b>	LONDON
<b>State/Country:</b>	GREAT BRITAIN
<b>Postal Code:</b>	SW1Y 4PD
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15744781
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(312)913-0002
<i>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.</i>	
<b>Phone:</b>	312-913-0001
<b>Email:</b>	docketing@mbhb.com
<b>Correspondent Name:</b>	MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP
<b>Address Line 1:</b>	300 SOUTH WACKER DRIVE
<b>Address Line 2:</b>	SUITE 3100
<b>Address Line 4:</b>	CHICAGO, ILLINOIS 60606-6709
<b>ATTORNEY DOCKET NUMBER:</b>	18-058-WO-US
<b>NAME OF SUBMITTER:</b>	JELENA JANJIC LIBBY
<b>SIGNATURE:</b>	/JELENA JANJIC LIBBY/
<b>DATE SIGNED:</b>	01/17/2018
<b>Total Attachments: 6</b>	
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**ASSIGNMENT**

**WHEREAS** WE, Ewen James, FERGUSON and Alexander James PATERSON both of British Nationality, residing at Beverley, East Yorkshire, United Kingdom and Beverley, East Yorkshire, United Kingdom, and Zhaorong ZHANG of US Nationality residing at Naperville Illinois, United States of America, respectively, have made an invention relating to 'Extruded Titania-Based Material Comprising Zirconium Oxide' which is the subject of BP Patent Case No. 500665 filed on 14 July 2015 under US Provisional Patent Application No. 62/192,312 (hereinafter the "Invention");

**WHEREAS** We, Ewen James, FERGUSON and Alexander James PATERSON when contributing to said Invention and improvements thereto were employed by BP CHEMICALS LIMITED having a registered office at Chertsey Road, Sunbury on Thames, Middlesex, TW16 7BP, United Kingdom and are joint inventors of said Invention;

**WHEREAS** I, Zhaorong ZHANG when contributing to said Invention and improvements thereto was employed by BP PRODUCTS NORTH AMERICA INC. having a registered office at 150 W. Warrenville Road, Naperville, Illinois 60563, United States of America and am joint inventor of said Invention;

**WHEREAS** WE, Ewen James, FERGUSON and Alexander James PATERSON acknowledges that all 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 BP CHEMICALS LIMITED by contract of employment or through application of law; and

**WHEREAS** I, Zhaorong ZHANG acknowledges that all 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 BP PRODUCTS NORTH AMERICA INC. by contract of employment or through application of law; and

**WHEREAS** by an assignment dated 1<sup>st</sup> & 2<sup>nd</sup> July 2015, BP CHEMICALS LIMITED and BP PRODUCTS NORTH AMERICA INC. have assigned any and all rights, title and interest of BP CHEMICALS LIMITED and BP PRODUCTS NORTH AMERICA INC. in said Invention to BP P.L.C. and BP P.L.C. has accepted the assignment; and

**WHEREAS** 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 BP P.L.C. having a registered office at 1 St James's Square, London, SW1Y 4PD, United Kingdom;

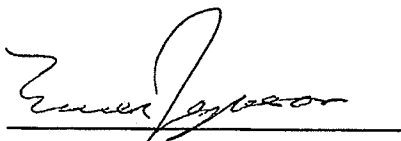
**NOW THEREFORE**, to the extent that specific assignment of the Invention and/or improvements thereon and the right to file patent applications therefor in any country of the world is needed for the purpose of recording or registration in any patent office, industrial property office or like governmental authority, WE, the said Ewen James, FERGUSON,

presents do hereby sell, assign, transfer and set over, unto BP P.L.C., its successors and assigns, and BP P.L.C. agrees to accept and hereby 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 US Provisional Patent Application No. 62/192,312 for said Invention and any improvements thereon in any country of the world, and any and all patent applications (including but not limited to US Provisional Patent Application No. 62/192,312 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 14 July 2015..

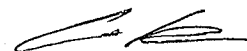
And WE hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute any agreement or other instrument in conflict herewith.

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 testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, renewal, reissue and extension applications, make all rightful declarations, and generally do everything possible to aid the assignee herein, its successors, legal representatives and assigns in obtaining and enforcing proper patent protection for said Invention in the USA and all other countries of the world.

Dated: 16th Aug 2016



Ewen James, FERGUSON



Witnessed

CAMERON FERGUSON

PRINT NAME

Dated: \_\_\_\_\_

Alexander James PATERSON

Witnessed

PRINT NAME

Dated: \_\_\_\_\_

Zhaorong ZHANG

Witnessed

PRINT NAME

Alexander James PATERSON, Zhaorong ZHANG, BP CHEMICALS LIMITED and BP PRODUCTS NORTH AMERICA INC. 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 BP P.L.C., its successors and assigns, and BP P.L.C. agrees to accept and hereby 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 US Provisional Patent Application No. 62/192,312 for said Invention and any improvements thereon in any country of the world, and any and all patent applications (including but not limited to US Provisional Patent Application No. 62/192,312 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 14 July 2015..

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Dated: \_\_\_\_\_

\_\_\_\_\_  
Ewen James, FERGUSON

\_\_\_\_\_  
Witnessed

\_\_\_\_\_  
PRINT NAME

Dated: 28/7/2016

  
Alexander James PATERSON

  
Witnessed

JOHN DEELEY  
PRINT NAME

Dated: \_\_\_\_\_

\_\_\_\_\_  
Zhaorong ZHANG

\_\_\_\_\_  
Witnessed

\_\_\_\_\_  
PRINT NAME

**Agreed for BP CHEMICALS LIMITED:**

Dated : Sept 6, 2016

(signed) FM Collins

(print name) FRANCE MARY COLLINS

By Power of Attorney

**Agreed for BP PRODUCTS NORTH AMERICA INC:**

Dated : 01 September 2016

(signed) [Signature]

(print name) James J. Trussell, Vice President

**Accepted for BP p.l.c. :**

Dated : Sept 5, 2016

(signed) R. J. Jones

(print name) RACHA JAY JONES

by Power of Attorney

Alexander James PATERSON, Zhaorong ZHANG, BP CHEMICALS LIMITED and BP PRODUCTS NORTH AMERICA INC. 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 BP P.L.C., its successors and assigns, and BP P.L.C. agrees to accept and hereby 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 US Provisional Patent Application No. 62/192,312 for said Invention and any improvements thereon in any country of the world, and any and all patent applications (including but not limited to US Provisional Patent Application No. 62/192,312 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 14 July 2015..

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Dated: \_\_\_\_\_

\_\_\_\_\_  
Ewen James, FERGUSON

\_\_\_\_\_  
Witnessed

\_\_\_\_\_  
PRINT NAME

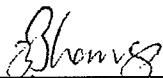
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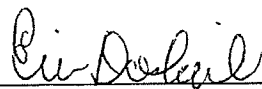
\_\_\_\_\_  
Alexander James PATERSON

\_\_\_\_\_  
Witnessed

\_\_\_\_\_  
PRINT NAME

Dated: 8/22/2016

  
Zhaorong ZHANG

  
Witnessed

Eric Daskacil  
PRINT NAME

Agreed for BP CHEMICALS LIMITED:

Dated : Sept 6, 2016

(signed) FM Collins

(print name) FRANCES MARY COLLINS

By Power of Attorney

Agreed for BP PRODUCTS NORTH AMERICA INC:

Dated : Aug. 30, 2016

(signed) J. J. Trussell

(print name) James J. Trussell

Accepted for BP p.l.c. :

Dated : Sept. 5, 2016

(signed) R. J. Jones

(print name) RAHA JOY JONES

by Power of Attorney