PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5917378

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SIMON JACKSON	08/01/2018
ADAM ARMOUR SNAITH	08/01/2018
MICHAEL WILLIAM TUCK	08/01/2018
DAVID JOHN WATSON	08/01/2018
MICHAEL ANTHONY WOOD	08/01/2018

RECEIVING PARTY DATA

Name:	JOHNSON MATTHEY DAVY TECHNOLOGIES LIMITED
Street Address:	25 FARRINGDON STREET
Internal Address:	5TH FLOOR
City:	LONDON
State/Country:	UNITED KINGDOM
Postal Code:	EC4A 4AB

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16625015	

CORRESPONDENCE DATA

Fax Number: (215)568-3439

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.

Email: assignments@woodcock.com **Correspondent Name: BAKER & HOSTETLER LLP**

Address Line 1: 2929 ARCH STREET, CIRA CENTRE

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Address Line 4: PHILADELPHIA, PENNSYLVANIA 19104

ATTORNEY DOCKET NUMBER:	032891.000380
NAME OF SUBMITTER:	VALERIE CHICCHI
SIGNATURE:	/Valerie Chicchi/
DATE SIGNED:	01/17/2020

Total Attachments: 6

PATENT REEL: 051547 FRAME: 0092

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PATENT REEL: 051547 FRAME: 0093

ASSIGNMENT AGREEMENT

THIS DEED OF ASSIGNMENT is dated IST AUGUST 2018 and made

BETWEEN

JACKSON, Simon, a British Citizen of c/o Johnson Matthey, PO Box 1, Belasis Avenue, Billingham, Cleveland, TS23 1LB, United Kingdom;

SNAITH, Adam Armour, a British Citizen of c/o Johnson Matthey, PO Box 1, Belasis Avenue, Billingham, Cleveland, TS23 1LB, United Kingdom;

TUCK, Michael William Marshall, a British Citizen of c/o Johnson Matthey, 10 Eastbourne Terrace, London, W26LG, United Kingdom;

WATSON, David John, a British Citizen of c/o Johnson Matthey, The Technology Centre, Princeton Drive, Thornaby, Stockton-on-Tees, TS17 6PY;

WOOD, Michael Anthony, a British Citizen of c/o Johnson Matthey, The Technology Centre, Princeton Drive, Thornaby, Stockton-on-Tees, TS17 6PY;

(each an "Inventor" and together the "Inventors"); and

JOHNSON MATTHEY DAVY TECHNOLOGIES LIMITED, a company incorporated in England and Wales (registered number 00635311) having its registered office at 5th Floor 25 Farringdon Street, London, EC4A 4AB, United Kingdom ("JM").

RECITALS

- (a) The Inventors have made an invention (the "Invention"), which is described in the patent specification entitled "PROCESS" filed with Application No.1710508.1 made to the United Kingdom Intellectual Property Patent Office on 30 June 2017 (the "Applications").
- (b) The Inventors have agreed to assign their legal rights in and to the Invention and Applications to JM on the terms set out in this Deed.

WHEREAS it is hereby agreed as follows:

Assignment

- 1.1 The Inventors hereby assign to JM, all their legal right, title and interest in and to the Invention and Applications, including:
 - 1.1.1 the right to claim priority from such Applications, and file for further patent applications in any territory of the world in respect of the Invention (the "Patent Applications");
 - 1.1.2 the right to prosecute the Patent Applications and to obtain grant of patent or similar protection in or in respect of any country or territory in the world (each a "Patent");
 - 1.1.3 the legal entitlement to any Patents granted pursuant to any Patent Applications comprised in the Patents or filed as aforesaid; and
 - 1.1.4 the right to bring, make, oppose, defend, appeal proceedings, claims or actions and obtain relief (and to retain any damages recovered) in respect of any infringement,

PATENT REEL: 051547 FRAME: 0094 or any other cause of action arising from ownership, of any of the Patents or any Patents granted on any of the Patent Applications in the Patents or filed as aforesaid, whether occurring before on or after the date of this Deed.

2. Further Assurance

- 2.1 At JM's expense the inventors shall promptly execute and deliver all such documents and do all such things as are necessary, required or requested by JM for the procurement of any Patent Applications, Patents or other form of protection anywhere in the world for the Invention, or as are otherwise required to give full effect to this Deed and the transaction intended to be effected pursuant to it, including:
 - 2.1.1 the registration of JM as applicant for, or proprietor of, any Patents; and
 - 2.1.2 assisting JM in obtaining, defending and enforcing any Patents, and assisting with any other proceedings which may be brought by or against JM against or by any third party relating to the rights assigned by this Deed.

3. No Further Compensation

Without prejudice to s.40 Patents Act 1977 or any similar provisions of law in any jurisdiction in favour of the Inventor[s], the Inventors acknowledge[s] and agree that no further fees or compensation other than that already provided for pursuant to the Inventor's employment in the JM group are due or may become due to the Inventors under or in connection with this Deed.

4. Severance

If any provision or part-provision of this Deed is or becomes invalid, illegal or unenforceable, it shall be deemed modified to the minimum extent necessary to make it valid, legal and enforceable. If such modification is not possible, the relevant provision or part-provision shall be deemed deleted. Any modification to or deletion of a provision or part-provision under this clause shall not affect the validity and enforceability of the rest of this Deed.

5. Counterparts

This Deed may be executed in any number of counterparts and by the parties hereto in separate counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement.

6. Governing Law and Jurisdiction

- 6.1 This Deed and any dispute or claim arising out of or in connection with it or its subject matter or formation (including non-contractual disputes or claims) shall be governed by and construed in accordance with the law of England and Wales.
- 6.2 Each party irrevocably agrees that the courts of England and Wales shall have exclusive jurisdiction to settle any dispute or claim that arises out of or in connection with this Deed or its subject matter or formation (including non-contractual disputes or claims).

PATENT REEL: 051547 FRAME: 0095 This document has been executed as a deed and is delivered and takes effect on the date stated at the beginning of it.

Executed as a deed by Simon Jackson:

in the presence of:

(signature)

OBleverock

(signature of witness)

Name: EMMA BLAKELOCK

Address: 12 LANCHESTER AVENUE, BILLINGHAM, TSZ3 2TD

Occupation: PATENT ADMINISTRATOR

Executed as a deed by Adam Armour Snaith:

in the presence of:

(signature)

<u>Osiakeloe</u>k

(signature of witness)

Name: EMMA SLAKELOCK

Address: L LANCHETTEL AVENUE, SILLINGHAM, TSLE ZTD

Occupation: PATENT ADMINISTRATOR

Executed as a deed by Michael William Marshall TUCK:)))		
in the presence of:		(signature)	
Man			
(signature of witness)			
Name: VIRAINIA TUCK Address: (NILL TOP BARN, CHURCH R BILDESTON, SUFFOLK, 197) Occupation: PETIKED	ØAI 7EE), ::	
Executed as a deed by David John Watson:)))		
in the presence of:		(signature)	
(signature of witness)			
Name:			
Address:			
Occupation:			

Executed as a deed by Michael William Marshall TUCK:)	
in the presence of:		(signature)
(signature of witness)		
Name:		
Address:		
Occupation:		
Executed as a deed by David John Watson:)	
in the presence of:	j	<u>小でいたらい。</u> (signature)
S.N.Tilly		
(signature of witness)		
Name: SIMON THEY		
Address: 130 WESTBROOKE AVENUE HARTLE POOL, UNDED 14	i Not	o m
Occupation:	• •	~
CHEMIST,		

Executed as a deed by Michael Anthony Wood:	1 yawood
in the presence of:	(signature)
(signature of witness)	
Name: Rebecca Misrey Address: 40 Deverenx Road Windsor SLA 10J Occupation: Cabin Crew British Airwys	
Executed as a deed by JOHNSON MATTHEY DAVY TECHNOLOGIES LIMITED acting by Dr John RIDLAND:	in the presence of:
Colm Krellure	Oblektion (signature of witness)
By Power of Attorney	Name: EMMA BLAKELOCK
	Address: 12 LANCHESTER AVENUE, BILLINGHAM TS23 21D Occupation: PATENT ADMINISTRATOR