505145616 10/17/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5192382

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
SIRIUS MINERALS PLC	09/21/2018

RECEIVING PARTY DATA

Name:	YORK POTASH LTD
Street Address:	3RD FLOOR GREENER HOUSE
Internal Address:	68 HAYMARKET
City:	LONDON
State/Country:	UNITED KINGDOM
Postal Code:	SW1Y 4RF

PROPERTY NUMBERS Total: 6

Property Type	Number
Application Number:	15316132
Application Number:	15316041
Application Number:	15515995
Application Number:	15775336
Patent Number:	9856180
Patent Number:	9949424

CORRESPONDENCE DATA

Fax Number:

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: IPDocketingBOS@mintz.com

Correspondent Name: MINTZ LEVIN

Address Line 1: 3580 CARMEL MOUNTAIN ROAD

Address Line 2: SUITE 300

Address Line 4: SAN DIEGO, CALIFORNIA 92130

ATTORNEY DOCKET NUMBER:	049595-500
NAME OF SUBMITTER:	EDWARD D. GRIEFF
SIGNATURE:	/Edward D. Grieff/
DATE SIGNED:	10/17/2018

PATENT REEL: 047196 FRAME: 0429

Total Attachments: 7

source=Assignment Sirius to YPL (payment redacted)#page1.tif source=Assignment Sirius to YPL (payment redacted)#page2.tif source=Assignment Sirius to YPL (payment redacted)#page3.tif source=Assignment Sirius to YPL (payment redacted)#page4.tif source=Assignment Sirius to YPL (payment redacted)#page5.tif source=Assignment Sirius to YPL (payment redacted)#page6.tif source=Assignment Sirius to YPL (payment redacted)#page7.tif

PATENT REEL: 047196 FRAME: 0430



NOTARIAL CERTIFICATE

I, Fiona Mullane, a notary public authorised to practise throughout England and Wales, with an office at 113 Victoria Road, Scarborough, YO11 1SP, England, CERTIFY AS FOLLOWS:

- SIRIUS MINERALS PLC is a Public Limited Company incorporated under the laws of England and Wales on 30 October 2003 with registered number 04948435 having its registered office at 3rd Floor, Greener House, 66-68 Haymarket, London, SW1Y 4RF and is constituted by its Memorandum and Articles of Association and YORK POTASH LTD is a Private Limited Company incorporated under the laws of England and Wales on 12 May 2010 with registered number 07251600 having its registered office at 3rd Floor, Greener House, 66-68 Haymarket, London, SW1Y 4RF and is constituted by its Memorandum and Articles of Association (both Companies hereinafter referred to as "the Companies").
- 2. THOMAS JAY STALEY appeared before me today and produced satisfactory evidence as to his identity.
- The attached document was signed today by the said THOMAS JAY STALEY on behalf of the Companies in my presence.
- 4. THOMAS JAY STALEY is a director of SIRIUS MINERALS PLC and of YORK POTASH LTD and has been authorised by the Companies to sign this document and this document is binding on the Companies.

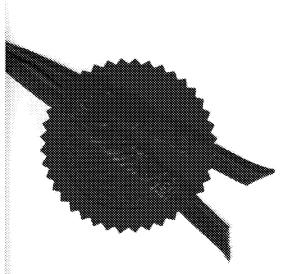
ISSUED under my seal of office and signed by me in Scarborough, England, on this 21st day of September two thousand and eighteen.

Gena Mullane FIONA MULLANE

FIONA MULLANE NOTARY PUBLIC - ENGLAND AND WALES

> Fione Mullane Notery Public 113 Victoria Road Scarborough North Yorkshire YO11 1SP

Protocol Number: 2018100 D



PATENT REEL: 047196 FRAME: 0431

DATED 21 September 2018

(1) Sirius Minerals plc

- and -

(2) York Potash Ltd

Deed of Assignment of Intellectual Property

Deed of Assignment - Sirius Minerals and York Potash Ltd

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THIS DEED OF ASSIGMENT is made on the 21st day of September 2018

BETWEEN

- (1)Sirius Minerals plc, a company incorporated under the laws of England, under company number 04948435 of 3rd Floor Greener House, 68 Haymarket, London, United Kingdom, SW1Y 4RF ("Sirius").
- (2)York Potash Ltd, a company incorporated under the laws of England, under company number 07251600 of 3rd Floor Greener House, 68 Haymarket, London, SW1Y 4RF ("YPL").

BACKGROUND

- (A) Sirius is the applicant or proprietor of the patent applications and granted patents identified in the Schedule to this Agreement ("the Intellectual Property").
- (B) Sirius and YPL (together "the Parties") have agreed on the assignment of the Intellectual Property from Sirius to YPL on the terms set out in this Agreement.

IT IS AGREED AS FOLLOWS

- 1. ASSIGNMENT
- 1.1. In consideration of the payment of now paid by YPL to Sirius (receipt of which Sirius acknowledges), Sirius hereby assigns to YPL the entire right, title and interest in:
 - the Intellectual Property, all the rights of Sirius in and to the Intellectual Property, the full and exclusive benefit of the Intellectual Property and all rights, privileges and advantages associated with the Intellectual Property, including the right to claim priority from the Intellectual Property;
 - ii. the inventions that are the subject of the Intellectual Property ("the Inventions"), the full and exclusive benefit of the Inventions and the right to make any new application or applications for protection of the Inventions, and
 - iii. all rights of action that may have accrued in respect of the Intellectual Property, including without limitation (i) all rights and remedies in respect of any infringement occurring prior to the date of this Assignment and (ii) the right to recover and take all such proceedings as may be necessary for the recovery of damages or otherwise in respect of all infringements of any of the

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2.1.

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3.1.

3.2.

3.3.

Deed of Assignment - Sirius Minerals and York Potash Ltd

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Intellectual Property, whether committed before or after the date of this Assignment,

to hold the same unto YPL absolutely.

2. WARRANTIES

2.1. Sirius warrants that:

- i. the details of the Intellectual Property are as set out in the Schedule;
- ii. the patents and applications detailed in the Schedule are pending or in force and have not been abandoned, withdrawn or otherwise terminated;

GENERAL

- 3.1. Each Party shall, as and when requested by the other Party, do all acts and execute all documents as may be reasonably necessary to give effect to the provisions of this Agreement and to facilitate the vesting in YPL of the rights assigned by this Agreement.
- 3.2. English law shall govern the validity, interpretation and performance of this Agreement. The Parties submit to the exclusive jurisdiction of the courts of England and Wales in relation to disputes arising out of this Agreement.
- 3.3. This Agreement may be executed in any number of counterparts, each of which when executed and delivered shall constitute an original of this Agreement, but all the counterparts shall together constitute the same agreement.

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Deed of Assignment - Sirius Minerals and York Potash Ltd

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start of this Assignme	ent;	Part 1 - In
SIGNED and delive	red as a DEED by THOMAS JAY STALEY, for and on behalf of	Patent Ap
Sirius Minerals plc i	n the presence of the witness identified below:	Title
		Dry Powde
Signed:		Method for
		Pelletised E
Position of signatory:	BIRECTOR	Product
		Dry Powder
Signature of witness:	Giona Mullane	Pelletising a
		Mineral
Name of witness:	FLONA MULLANE	Pelletising ε
		Mineral
Address of witness:	113 VICTORIA ROAD, SCARBOROUGH, YOU IS P	Evaporite -
		Fertiliser Pe
		Evaporite -
SIGNED and delive	red as a DEED by THOMAS JAY STALEY for and on behalf of	Fertiliser Pe
York Potash Ltd in	the presence of the witness identified below	Evaporite -
		Fertiliser Pe
Signed:		Evaporite -
		Fertiliser Pe
Position of signatory:	DIRECTOR	
	~	Evaporite -(
Signature of witness:	Gana Mullaux	Fertiliser Pel
		Fertiliser Pro
Name of witness:	FIONA MULLANE	Evaporite C
		Preparation
Address of witness:	113 VICTORIA ROAD SCARBORDURM YOU ISP	Evaporite C
		Preparation
		Evaporite C
		Preparation

IN WITNESS whereof this document has been executed as a deed on the date written at the

the

SCHEDULE

Part 1 – Intellectual Property

Patent Applications

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Title	Jurisdiction	Application number	Filing date
Dry Powder Processing	UK	1409801.6	2 June 2014
Method for Forming A	EP	15727444.0	1 June 2015
Pelletised Evaporite Mineral			
Product			de contrata de con
Dry Powder Processing	US	15/316132	1 June 2015
Pelletising an Evaporite	EP	15727443.2	1 June 2015
Mineral		·	
Pelletising an Evaporite	China	201580038958.2	1 June 2015
Mineral			The same of the sa
Evaporite -Coated Seed and -	ARIPO	AP/P/2016/009645	1 June 2015
Fertiliser Pellet Preparations			
Evaporite -Coated Seed and -	Brazil	BR112016028299-0	1 June 2015
Fertiliser Pellet Preparations			
Evaporite -Coated Seed and -	China	201580038957.8	1 June 2015
Fertiliser Pellet Preparations			
Evaporite -Coated Seed and -	EP	15727442.4	1 June 2015
Fertiliser Pellet Preparations			
Evaporite -Coated Seed and -	Mexico	MX/a/2016/015909	1 June 2015
Fertiliser Pellet Preparations			
Fertiliser Product	US	15/316041	1 June 2015
Evaporite Coated Seed	ARIPO	AP/P/2016/009631	1 June 2015
Preparation			
Evaporite Coated Seed	Brazil	BR112016028283-3	1 June 2015
Preparation			
Evaporite Coated Seed	China	201580040551.3	1 June 2015
Preparation			
Fertiliser Pellet Preparations Evaporite -Coated Seed and - Fertiliser Pellet Preparations Evaporite -Coated Seed and - Fertiliser Pellet Preparations Fertiliser Product Evaporite Coated Seed Preparation Evaporite Coated Seed Preparation Evaporite Coated Seed	EP Mexico US ARIPO Brazil	15727442.4 MX/a/2016/015909 15/316041 AP/P/2016/009631 BR112016028283-3	1 June 2015 1 June 2015 1 June 2015 1 June 2015

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Evaporite Coated Seed	EP	15727441.6	1 June 2015
Preparation			2 A 4 A 4 A 4 A 4 A 4 A 4 A 4 A 4 A 4 A
Evaporite Coated Seed	Mexico	MX/a/2016/015910	1 June 2015
Preparation			
Pelletising Process Using	EP	15757552.3	27 August 2015
Starch			
Pelletising Process	UK	1417290.2	30 September 2014
Pelletising Process Using	us	15/515995	27 August 2015
Starch	1,		
Composite Fertiliser Systems	Brazil	BR112018009775-6	10 November 2016
Composite Fertiliser Systems	China	201680072158.7	10 November 2016
Composite Fertiliser Systems	EP	16797615.8	10 November 2016
Composite Fertiliser Systems	UK	1520082.7	13 November 2015
Composite Fertiliser Systems	Mexico	MX/a/2018/005949	10 November 2016
Composite Fertiliser Systems	US	15/775336	10 November 2016

Granted Patents

Title	Jurisdiction	Patent number	Filing date
Pelletising an Evaporite	UK	GB2522491	2 June 2014
Mineral			Σ
Pelletising an Evaporite	US	US9856180	1 June 2015
Mineral			
Fertiliser Product	UK	GB2522490	2 June 2014
Seed Coating Comprising	UK	GB2525511	1 June 2015
Polyhalite	·		
Seed Preparation	US	US9949424	1 June 2015

End of Schedule

Deed of Assignment - Sirius Minerals and York Potash Ltd

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