

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5465562

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
IMERYS MINERALS LIMITED	04/30/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	FIBERLEANTM TECHNOLOGIES LIMITED
<b>Street Address:</b>	PAR MOOR ROAD
<b>Internal Address:</b>	PAR MOOR CENTRE
<b>City:</b>	PAR, CORNWALL
<b>State/Country:</b>	UNITED KINGDOM
<b>Postal Code:</b>	PL24 2SQ
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16124352
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(603)433-6372
<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>	603-433-6300
<b>Email:</b>	patent@pierceatwood.com
<b>Correspondent Name:</b>	RAYMOND G. ARNER
<b>Address Line 1:</b>	100 SUMMER STREET, SUITE 2200
<b>Address Line 2:</b>	PIERCE ATWOOD LLP
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02110
<b>ATTORNEY DOCKET NUMBER:</b>	FBL-009US 02
<b>NAME OF SUBMITTER:</b>	RAYMOND G. ARNER
<b>SIGNATURE:</b>	/Raymoond G. Arner/
<b>DATE SIGNED:</b>	04/09/2019
<b>Total Attachments: 10</b>	
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## CONFIRMATORY PATENT ASSIGNMENT

This confirmatory patent assignment (the "Assignment") is effective as of 30 April 2016 and confirms the prior assignment by and between **Imerys Minerals Limited** (the "Assignor") and **Fiberlean™ Technologies Limited** (the "Assignee"), for recordation purposes in the United States Patent and Trademark Office and any other applicable governmental entity or registrar (including in any applicable foreign or international office or register) to record the Assignee as the assignee of the Assignor's entire right, title and interest in, to, and under the patent applications and patents listed on Schedule 1 hereto.

### WITNESSETH

**WHEREAS**, the Assignor, which was the owner of certain patent applications and patents ("Patents"), pursuant to an Asset Purchase Agreement dated 30 April 2016, by and among the Assignor, Mircal SA, Omya Holding AG and the Assignee (the "Asset Purchase Agreement") and an assignment of Intellectual Property Rights (which definition for the avoidance of doubt includes the Patents) between the Assignor and the Assignee dated 30 April 2016 (the "IPR Assignment") assigned the Patents to the Assignee, including without limitation all renewals, related continuations, continuations-in-part, divisional, reissues, reexaminations, substitutions and extensions thereof (the "Assigned Patents"), and goodwill therein.

**NOW, THEREFORE**, pursuant to and for the consideration set out in the Asset Purchase Agreement, the receipt and sufficiency of which is hereby acknowledged, the Assignor, hereby confirms the sale, assignment, transfer and delivery to the Assignee, of all right, title and interest in, to and under the Assigned Patents and all other rights associated therewith, including, without limitation:

- (i) the absolute entitlement to any registrations granted pursuant to any of the patent applications comprised in the Assigned Patents;
- (ii) all benefits, privileges, causes of action and remedies relating thereto throughout the world, including without limitation, all of Assignor's rights to: (a) apply for and maintain registrations, renewals and/or extensions thereof; (b) claim priority under United States law, European law or international convention; and (c) grant licenses or other interests therein; and
- (iii) the right to bring, make, oppose, defend or appeal proceedings, claims or actions, and obtain relief and to retain any damages recovered, in respect of any infringement, or any other cause of action arising from ownership, of any of the Assigned Patents whether occurring before, on or after the date of this Assignment.

(collectively, the "Assigned Rights"), and the Assignee hereby confirms the acceptance of the foregoing assignment of the Assigned Patents, including, without limitation, the Assigned Rights.

The terms of the Asset Purchase Agreement are incorporated herein by reference and capitalized terms used herein and not otherwise defined shall have the meaning ascribed thereto in the Asset Purchase Agreement.

Nothing in this Assignment shall limit, expand or otherwise affect any of the representations, warranties or covenants contained in the Asset Purchase Agreement and IPR Assignment. To the extent any term or provision herein is inconsistent with the Asset Purchase Agreement and/or the IPR Assignment, the terms and provisions of the Asset Purchase Agreement and/or the IPR Assignment shall control. In the event of conflict between the Asset Purchase Agreement and the IPR Assignment, the latter shall take precedent.

The Assignor confirms that it shall, from time to time, execute and deliver to the Assignee such additional instruments, documents, conveyances or assurances and take such other action as shall be necessary or otherwise reasonably requested by the Assignee to confirm and assure the rights and obligations provided for in this Assignment and the Asset Purchase Agreement and or the IPR Assignment and render effective the consummation of the transactions contemplated hereby and thereby including, but not limited to the execution of all non-provisionals, divisionals, continuations, continuations-in-part, substitutes, reexaminations, reissues, and all other patent applications on the invention; execute all lawful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the Assignor relating to the invention and the history hereof; and generally do everything possible which the Assignee shall consider necessary for vesting title to the Assigned Rights in the Assignee, and for securing, maintaining and enforcing proper protection for the Assigned Rights.

This Assignment may be executed simultaneously in counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

This Assignment shall be governed and construed in accordance with the laws of England and Wales and shall be binding on the heirs, assigns, representatives and successors of the Assignor and extending to the successors, assigns, and nominees of the Assignee. The courts of England shall have exclusive jurisdiction to settle any dispute or claim arising out this Assignment, or its subject matter or formation.

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**Schedule 1**  
List of Intellectual Property

Country	Application No.	Registration No.	Status	Applicant
European Patent Application	07732181.8	N/A	Application Pending	Imerys Minerals Limited
Austria	10727476.3	2350387	Granted	Imerys Minerals Limited
Australia	2010247184	2010247184	Granted	Imerys Minerals Limited
Australia	2013202515	2013202515	Granted	Imerys Minerals Limited
Belgium	10727476.3	2350387	Granted	Imerys Minerals Limited
Belgium	12189681.5	2557225	Granted	Imerys Minerals Limited
Brazil	PI1003638-5	N/A	Application Pending	Imerys Minerals Limited
Canada	2748137	2748137	Granted	Imerys Minerals Limited
Switzerland	10727476.3	2350387	Granted	Imerys Minerals Limited
China	201080003690.6	CN 102753752 B	Granted	Imerys Minerals Limited
China	201510628033.5	N/A	Application Pending	Imerys Minerals Limited
Germany	10727476.3	2350387	Granted	Imerys Minerals Limited
Germany	12189681.5	2557225	Granted	Imerys Minerals Limited
Denmark	12189681.5	2557225	Granted	Imerys Minerals Limited
European Patent Application	10727476.3	2350387	Granted	Imerys Minerals Limited
European Patent Application	12189681.5	2557225	Granted	Imerys Minerals Limited
European Patent Application	16153032.4	N/A	Application Pending	Imerys Minerals Limited
Spain	10727476.3	2350387	Granted	Imerys Minerals Limited
Finland	10727476.3	2350387	Granted	Imerys Minerals Limited

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Country	Application No.	Registration No.	Status	Applicant
Finland	12189681.5	2557225	Granted	Imerys Minerals Limited
France	10727476.3	2350387	Granted	Imerys Minerals Limited
France	12189681.5	2557225	Granted	Imerys Minerals Limited
United Kingdom	10727476.3	2350387	Granted	Imerys Minerals Limited
United Kingdom	12189681.5	2557225	Granted	Imerys Minerals Limited
Indonesia	W00201103574	IDP000035244B	Granted	Imerys Minerals Limited
India	1474/MUMNP/2011	N/A	Application Pending	Imerys Minerals Limited
Italy	10727476.3	2350387	Granted	Imerys Minerals Limited
Italy	12189681.5	2557225	Granted	Imerys Minerals Limited
Japan	2011-542900	5572169	Granted	Imerys Minerals Limited
Japan	2014-133028	N/A	Application Pending	Imerys Minerals Limited
South Korea	10-2011-7014814	10-1378720	Granted	Imerys Minerals Limited
South Korea	10-2013-7003562	10-1569122	Granted	Imerys Minerals Limited
South Korea	10-2015-7030983	N/A	Application Pending	Imerys Minerals Limited
Netherlands	10727476.3	2350387	Granted	Imerys Minerals Limited
Norway	10727476.3	2350387	Granted	Imerys Minerals Limited
Norway	12189681.5	2557225	Granted	Imerys Minerals Limited
Poland	10727476.3	2350387	Granted	Imerys Minerals Limited
Portugal	10727476.3	2350387	Granted	Imerys Minerals Limited
Russian Federation	2011139570	2505635	Granted	Imerys Minerals Limited
Sweden	10727476.3	2350387	Granted	Imerys Minerals Limited
Sweden	12189681.5	2557225	Granted	Imerys Minerals Limited

Country	Application No.	Registration No.	Status	Applicant
Turkey	10727476.3	2350387	Granted	Imerys Minerals Limited
Turkey	12189681.5	2557225	Granted	Imerys Minerals Limited
Taiwan	099115704	N/A	Application Pending	Imerys Minerals Limited
Taiwan	099139060	I500837	Granted	Imerys Minerals Limited
Taiwan	104124839	I530605	Granted	Imerys Minerals Limited
USA	12/994356	9127405	Granted	Imerys Minerals Limited
USA	13/245,144	8231764	Granted	Imerys Minerals Limited
USA	14/843516	N/A	Application Pending	Imerys Minerals Limited
South Africa	2011/04857	2011/04857	Granted	Imerys Minerals Limited
Australia	2011330981	2011330981	Granted	Imerys Minerals Limited
Australia	2016202328	N/A	Application Pending	Imerys Minerals Limited
Brazil	BR112013011629-3	N/A	Application Pending	Imerys Minerals Limited
Canada	2817635	N/A	Application Pending	Imerys Minerals Limited
China	201180054900.9	103210144	Granted	Imerys Minerals Limited
European Patent Application	11791031.5	N/A	Application Pending	Imerys Minerals Limited
Indonesia	W-00201302644	N/A	Application Pending	Imerys Minerals Limited
India	981/MUMNP/2013	N/A	Application Pending	Imerys Minerals Limited
Japan	2013-539339	N/A	Application Pending	Imerys Minerals Limited
South Korea	10-2013-7015511	N/A	Application Pending	Imerys Minerals Limited
Taiwan	100141508	N/A	Application Pending	Imerys Minerals Limited

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Country	Application No.	Registration No.	Status	Applicant
USA	13/884279	N/A	Application Pending	Imerys Minerals Limited
USA	15/132970	N/A	Application Pending	Imerys Minerals Limited
Brazil	BR112014025801-5	N/A	Application Pending	Imerys Minerals Limited
Canada	2870464	N/A	Application Pending	Imerys Minerals Limited
China	201380020615.4	N/A	Application Pending	Imerys Minerals Limited
European Patent Application	13709247.4	N/A	Application Pending	Imerys Minerals Limited
Japan	2015-506139	N/A	Application Pending	Imerys Minerals Limited
USA	14/394533	N/A	Application Pending	Imerys Minerals Limited
Brazil	BR112015021994-2	N/A	Application Pending	Imerys Minerals Limited
Canada	2904784	N/A	Application Pending	Imerys Minerals Limited
China	201480026932.1	N/A	Application Pending	Imerys Minerals Limited
European Patent Application	14710376.6	N/A	Application Pending	Imerys Minerals Limited
Japan	2015-562307	N/A	Application Pending	Imerys Minerals Limited
USA	14/777329	N/A	Application Pending	Imerys Minerals Limited
Brazil	BR112015011303-6	N/A	Application Pending	Imerys Minerals Limited
Canada	2892591	N/A	Application Pending	Imerys Minerals Limited
China	201380063966.3	N/A	Application Pending	Imerys Minerals Limited
European Patent Application	13805491.1	N/A	Application Pending	Imerys Minerals Limited
Japan	2015-547138	N/A	Application Pending	Imerys Minerals Limited



Country	Application No.	Registration No.	Status	Applicant
Brazil	BR112015022072-0	N/A	Application Pending	Imerys Minerals Limited
Canada	2906283	N/A	Application Pending	Imerys Minerals Limited
China	201480026782.4	N/A	Application Pending	Imerys Minerals Limited
European Patent Application	14711725.3	N/A	Application Pending	Imerys Minerals Limited
Japan	2015-562195	N/A	Application Pending	Imerys Minerals Limited
USA	14/775519	N/A	Application Pending	Imerys Minerals Limited
PCT Application	PCT/EP2015/060724	N/A	Application Pending	Imerys Minerals Limited
United Kingdom	1605797.8	N/A	Application Pending	Imerys Minerals Limited
European Patent Application	16305504.9	N/A	Application Pending	Imerys Minerals Limited
USA	62/318,115	N/A	Application Pending	Sean P. IRELAND
United Kingdom	1607076.5	N/A	Application Pending	Imerys Minerals Limited
USA	62326180	N/A	Application Pending	David Robert SKUSE, Sean P. IRELAND & Jonathan PHIPPS

**IN WITNESS WHEREOF**, the Assignor and the Assignee have caused this Assignment to be executed and delivered as a deed by their duly authorized officers as of the date first above written.

Executed as a deed by  
**Imerys Minerals Limited**  
on being signed by  
Ashley John Shopland

)  
)  
)  
) Director A.J. Shopland  
IMERYS MINERALS LTD.

in the presence of:

Name of witness:

MICHELLE MILIBANIKS

Signature of witness:

M E

Occupation:

PERSONAL ASSISTANT

Executed as a deed by  
**Fiberlean™ Technologies Limited**  
on being signed by

Panis Nymfopoulos

)  
)  
)  
) Director [Signature]  
CEO

in the presence of:

Name of witness:

Zoannis Christodoulakis

Signature of witness:

[Signature]

Address:

Ametikis 21, Athens

Occupation:

Business Consultant

**BE IT KNOWN THAT I, Andrew William Stafford Robinson** Notary Public by Royal authority authorised admitted and sworn of 13 Carvoza Road Truro Cornwall TR1 1BA UK/GB entitled to practise in Cornwall and elsewhere throughout England and Wales under jurisdiction of English law

**DO HEREBY CERTIFY AND ATTEST THAT:**

**Fiberlean™ Technologies Limited** Is a juridical person this day and on and since 30<sup>th</sup> April 2016 existing being a limited liability company incorporated in England and registered at *Companies House* (which is the office for the registration of companies in England & Wales) with number 10021333 and having its registered office at *Par Moor Centre, Par Moor Road, PAR, Cornwall PL24 2SQ UK/GB*; and that

**Imerys Minerals Limited** is a juridical person this day and on and since 30<sup>th</sup> April 2016 existing being a limited liability company incorporated in England and registered at *Companies House* aforesaid with number 269255 and having its registered office at *Par Moor Centre* aforesaid; and that

**ASHLEY JOHN SHOPLAND** holder of British passport number 209953245 is a Director of Imerys Minerals Limited; and that

The attached **CONFIRMATORY PATENT ASSIGNMENT** in 8 pages made between Imerys Minerals Limited (*Assignor*) and Fiberlean™ Technologies Limited (*Assignee*) was this day at *Par Moor Centre* aforesaid signed delivered and executed as the deed of Imerys Minerals Limited by the above-named Ashley John Shopland whose identity I attest acting as such Director in my presence and in the presence of Michelle Millbanks whose identity I attest who then in my presence and in the presence of the said Ashley John Shopland signed & subscribed her own name as attesting witness

**AND THAT** the said **CONFIRMATORY PATENT ASSIGNMENT** being so signed delivered and executed in accordance with the relevant provisions of English law including but not restricted to Section 44(2)(b) of the Companies Act 2006 is effective in English law and immediately binding on Imerys Minerals Limited

**IN FAITH AND TESTIMONY** whereof I the said Notary have subscribed my hand and affixed my seal of office in the City of Truro Cornwall UK/GB this 12<sup>th</sup> August 2016

*Andrew William Stafford Robinson*

Andrew Robinson Notary Public:

13 Carvoza Road, Truro



Cornwall TR1 1BA, UK/GB

Tel: +44(0)1872 261213 +44(0)7543 656808

email: notarycornwall@gmail.com

Andrew William  
Stafford ROBINSON  
Notary Public  
England & Wales



<b>APOSTILLE</b> (Convention de La Haye du 5 octobre 1961)	
<b>1. Country:</b> Pays/Pais	United Kingdom of Great Britain and Northern Ireland
<b>This public document</b> Le présent acte public / El presente documento público	
<b>2. Has been signed by</b> a été signé par ha sido firmado por	Andrew William Stafford Robinson
<b>3. Acting in the capacity of</b> agissant en qualité de quien actúa en calidad de	Notary Public
<b>4. Bears the seal/stamp of</b> est revêtu du sceau / timbre de y está revestido del sello / timbre de	The Said Notary Public
<b>Certified</b> Attesté / Certificado	
<b>5. at</b> à / en	London
<b>6. the</b> le / el día	16 August 2016
<b>7. by</b> par / por	Her Majesty's Principal Secretary of State for Foreign and Commonwealth Affairs
<b>8. Number</b> sous no / bajo el número	L131382
<b>9. Seal / stamp:</b> Sceau / timbre; Sello / timbre:	
<b>10. Signature:</b> Signature: Firma:	D. O'Sullivan 

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**PATENT**