505418752 04/09/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5465543

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN CLAUDE HUSBAND	01/17/2017
PER SVENDING	01/17/2017

RECEIVING PARTY DATA

Name:	IMERYS MINERALS LIMITED
Street Address:	PAR MOOR ROAD
Internal Address:	PAR MOOR CENTRE
City:	PAR, CORNWALL
State/Country:	UNITED KINGDOM
Postal Code:	PL24 2SQ

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16124352

CORRESPONDENCE DATA

Fax Number: (603)433-6372

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.

Phone: 603-433-6300

Email: patent@pierceatwood.com RAYMOND G. ARNER **Correspondent Name:**

Address Line 1: 100 SUMMER STREET, SUITE 2200

Address Line 2: PIERCE ATWOOD LLP

Address Line 4: BOSTON, MASSACHUSETTS 02110

ATTORNEY DOCKET NUMBER:	FBL-009US 02
NAME OF SUBMITTER:	RAYMOND G. ARNER
SIGNATURE:	/Raymond G. Arner/
DATE SIGNED:	04/09/2019

Total Attachments: 3

source=16124352_Assignment#page1.tif source=16124352_Assignment#page2.tif source=16124352 Assignment#page3.tif

> **PATENT** REEL: 048834 FRAME: 0377 505418752

Attorney Docket No.: FBL-009US01

ASSIGNMENT

WHEREAS We, the below named inventors (hereinafter referred to as Assignors), have made an invention entitled:

PAPER COMPOSITION

FOR WHICH We executed an application for United States Letters Patent on September 15, 2015 (Application No. 14/777,329); and

WHEREAS, Imerys Minerals Limited, a corporation of the United Kingdom whose post office address is Par Moor Centre, Par Moor Road, Par, Cornwall PL24 2SQ, United Kingdom (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application and any non-provisional applications;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, We, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, this application, and all divisions and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on any related application, and all applications for Letters Patent which may be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND We HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed and will not execute any agreement in conflict with this Assignment;

AND We HEREBY further covenant and agree that we will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title of this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

{W5817843.1}

IN TESTIMONY WHEREOF, We have hereunto set our hands,

Inventor	1 CMA Das -	Date 17/1/201-
HIVEHIOI	I la Clarate Harden	_Butto
	John Claude Husband	
Address	34 Turnavean Road	
	St. Austell, Cornwall, PL24 2NX UK	
Witness Signa	ture C. Holmon	
Print Witness	Name J. HOLMAN	
Address	88 CORMORANT DRIVE	
	St. Austell Cornwall	PL25 3BA
Witness Signa	ture Coull	
Print Witness	Name A.L. HUSHES	
Address	BOSKELL FARM TRENANCE	sains_
	81. AUSTELL PLZS SRG.	

{W5817843.1}

	/\/\	
Inventor		Date 17/1 -/
	Per Sydnding	
Address	Bokvagen 12	
	Kungalv SE S-442 31	
Witness Signa	ature S. Holmoin	
Print Witness	Name J-HOLMAN	
Address	88 CORMORANT DRIVE	
	St. Austell Cornwall	PL25 3BA
Witness Signa	ature Oukl	
Print Witness		•
Address	BOSVEEL FARM TRENANCE	& DOWNS
	SOSVEIL FARM TRENANCE ST. AUSTELL PLZS SRG.	

{W5817843.1}