

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5390035

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	IMERYYS	12/14/2018
RECEIVING PARTY DATA		
Name:	IMERTECH SAS	
Street Address:	43 QUAI DE GRENELLE	
City:	PARIS	
State/Country:	FRANCE	
Postal Code:	75015	
PROPERTY NUMBERS Total: 5		
Property Type	Number	
Patent Number:	8562900	
Patent Number:	7737091	
Application Number:	15162595	
Patent Number:	7790656	
Patent Number:	7654323	
CORRESPONDENCE DATA		
Fax Number:	(202)408-4400	
<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>		
Phone:	202.216.5492	
Email:	gonnella@finnegan.com	
Correspondent Name:	IMERYYS/FINNEGAN	
Address Line 1:	901 NEW YORK AVE., NW	
Address Line 4:	WASHINGTON, D.C. 20001	
ATTORNEY DOCKET NUMBER:	IMERYYS TO IMERTECH SAS	
NAME OF SUBMITTER:	AMY-MARIE GONNELLA	
SIGNATURE:	/Amy-Marie Gonnella/	
DATE SIGNED:	02/25/2019	
Total Attachments: 13		
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ASSIGNMENT

THIS DEED OF ASSIGNMENT is made on 14th, day of December, 2018.

BETWEEN

- (1) Imerys (Imerys SA) whose registered office is at 43 quai de Grenelle, 75015 Paris, France (the "Assignor"); and
- (2) IMERTECH SAS whose registered office is at 43 quai de Grenelle, 75015 Paris, France (the "Assignee")

BACKGROUND:

- (A) The Assignor has agreed to assign and hereby assigns the Intellectual Property Rights described in Schedule 1 to the Assignee on the terms set out below.

AGREEMENT:

The parties **AGREE** as follows:

1. Definitions

In this Assignment unless the context otherwise requires:

"**Intellectual Property Rights**" means all of Assignor's patents, patent applications, utility models, registered designs, and any and all copyright, database rights, moral rights, design right, and all similar property rights subsisting in or arising out of such patents, patent applications, utility models and registered designs, including those identified in Schedule 1;

"**Know-how**" means know-how, research data, trial results, designs, knowledge, trade secrets and all other information, documents and material recorded in whatever form or medium relating to the Intellectual Property Rights or the Assignee's business and including any information disclosed in a patent application;

2. Assignment

Pursuant to and in consideration of the Transfer of Legacy Intellectual Property Rights Agreement previously signed between the Assignee and the Assignor, and the sum of £1, now paid by the Assignee to the Assignor (receipt of which the Assignor hereby acknowledges) the Assignor assigns to the Assignee with full title guarantee free from all and any charges or other third party rights all his right, title and interest in the Intellectual Property Rights and Know How, together with all rights of action, remedies, powers and benefits relating to any of the Intellectual Property Rights and Know How, including the right to apply for a patent application at the European Patent Office and in any other country or patent office of the world, including the right to claim priority from any patent application filed for the Invention, including all provisionals, non-provisionals, divisionals, continuations, continuations in part, reexaminations, reissues and all other applications for any patent that shall be filed, issued or granted in any country on such inventions, including but not limited to utility models, designs, design patents, as well as envelope soleau and like rights of exclusion; and the right to sue for damages and other relief for infringement in any of the Intellectual Property rights and Know How, whether taking place before or after the date of this Assignment.

3. Confidentiality

The Assignor shall keep and procure to be kept secret and confidential the Know-how and other confidential information acquired from or through the Assignee and will not use nor disclose the same save with the prior written consent of the Assignee.

4. Further Assurance

The Assignor undertakes that, at the request and expense of the Assignee, it will do all acts and things (including, without limitation, making declarations and oaths) and execute all documents that may be reasonably necessary under the law of any country for completing the transfer to the Assignee of the full right, title and interest to any of the rights assigned by clause 2 or to record the assignment at any country's national patent office or other official body as may be required.

At the request of the Assignee, the Assignor shall (at the Assignee's expense) provide all assistance to the Assignee which may be necessary in connection with bringing or defending any proceedings relating to any of the rights assigned by clause 2.

5. Applicable Law and Jurisdiction

This Assignment and any dispute or claim arising out of or in connection with it shall be governed by and construed in accordance with the laws of France and all disputes and claims arising out of or relating to this Assignment shall be subject to the exclusive jurisdiction of the Commercial Court of Paris, to which the parties irrevocably submit.

IN WITNESS of the above the Assignor and Assignee have signed executed this Assignment on the date written at the head of this Assignment.

ASSIGNOR NAME: IMERYS (IMERYS SA)

Signature: _____

Printed Name: _____

Corporate Title: _____

ASSIGNEE NAME: IMERTECH SAS

Signature: _____

Printed Name: _____

Corporate Title: _____

Imerys Ref.: Imerys/Imerys SA

ASSIGNMENT

THIS DEED OF ASSIGNMENT is made on 17th, day of December, 2018.

BETWEEN

- (1) Imerys (Imerys SA) whose registered office is at 43 Quai de Grenelle, Paris, France 75015 (the "Assignor"); and
- (2) IMERTECH SAS whose registered office is at 43 Quai de Grenelle, Paris, France 75015 (the "Assignee")

BACKGROUND:

- (A) The Assignor has agreed to assign and hereby assigns the Intellectual Property Rights described in Schedule 1 to the Assignee on the terms set out below.

AGREEMENT:

The parties **AGREE** as follows:

1. Definitions

In this Assignment unless the context otherwise requires:

"Intellectual Property Rights" means all of Assignor's patents, patent applications, utility models, registered designs, and any and all copyright, database rights, moral rights, design right, and all similar property rights subsisting in or arising out such patents, patent applications, utility models and registered designs, including those identified in in Schedule 1;

"Know-how" means know-how, research data, trial results, designs, knowledge, trade secrets and all other information, documents and material recorded in whatever form or medium relating to the Intellectual Property Rights or the Assignee's business and including any information disclosed in a patent application;

2. Assignment

Pursuant to and in consideration of the Transfer of Legacy Intellectual Property Rights Agreement previously signed between the Assignee and the Assignor, and the sum of £1, now paid by the Assignee to the Assignor (receipt of which the Assignor hereby acknowledges) the Assignor assigns to the Assignee with full title guarantee free from all and any charges or other third party rights all his right, title and interest in the Intellectual Property Rights and Know How, together with all rights of action, remedies, powers and benefits relating to any of the Intellectual Property Rights and Know How, including the right to apply for a patent application at the European Patent Office and in any other country or patent office of the world, including the right to claim priority from any patent application filed for the Invention, including all provisionals, non-provisionals, divisionals, continuations, continuations in part, reexaminations, reissues and all other applications for any patent that shall be filed, issued or granted in any country on such inventions, including but not limited to utility models, designs, design patents, as well as envelope soleau and like rights of exclusion; and the right to sue for damages and other relief for

Imerys Ref.: Imerys/Imerys SA

infringement in any of the Intellectual Property rights and Know How, whether taking place before or after the date of this Assignment.

3. Confidentiality

The Assignor shall keep and procure to be kept secret and confidential the Know-how and other confidential information acquired from or through the Assignee and will not use nor disclose the same save with the prior written consent of the Assignee.

4. Further Assurance

The Assignor undertakes that, at the request and expense of the Assignee, it will do all acts and things (including, without limitation, making declarations and oaths) and execute all documents that may be reasonably necessary under the law of any country for completing the transfer to the Assignee of the full right, title and interest to any of the rights assigned by clause 2 or to record the assignment at any country's national patent office or other official body as may be required.

At the request of the Assignee, the Assignor shall (at the Assignee's expense) provide all assistance to the Assignee which may be necessary in connection with bringing or defending any proceedings relating to any of the rights assigned by clause 2.

5. Applicable Law and Jurisdiction

This Assignment and any dispute or claim arising out of or in connection with it shall be governed by and construed in accordance with the laws of France and all disputes and claims arising out of or relating to this Assignment shall be subject to the exclusive jurisdiction of the Commercial Court of Paris, to which the parties irrevocably submit.

IN WITNESS of the above the Assignor and Assignee have signed executed this Assignment on the date written at the head of this Assignment.

ASSIGNOR NAME: IMERYS (IMERYS SA)

Signature: _____

Printed Name: _____

Corporate Title: _____

ASSIGNEE NAME: IMERTECH SAS

Signature: _____

Printed Name: Thierry Mateane

Corporate Title: President

Schedule 1

Docket Number	Country / Region	Application Number	First Filing Date	Application Date	Patent Number	Grant Date	Assignor
<u>P57.57000.BR</u>	Brazil	BR 112018005709- 6	9/28/2015	9/28/2016			Imerys S.A.
<u>P57.57000.CN</u>	China P.R.	201680055910. 7	9/28/2015	9/28/2016			Imerys S.A.
<u>P57.57000.EP</u>	European Patent Convention	16778725.6	9/28/2015	9/28/2016			Imerys S.A.
<u>P57.57000.IN</u>	India	201827012791	9/28/2015	9/28/2016			Imerys S.A.
<u>P57.57000.RU</u>	Russian Federation	2018112155	9/28/2015	9/28/2016			Imerys S.A.
<u>P57.57000.US</u>	United States	15/763589	9/28/2015	9/28/2016			Imerys S.A.
<u>P21.00332.CA</u>	Canada	2597880	8/18/2006	8/17/2007	2597880	2/24/2015	Imerys
<u>P21.00332.MX</u>	Mexico	MX/a/2007/0099 41	8/16/2006	8/16/2007	275033	4/9/2010	Imerys
<u>P21.00332.US</u>	United States	11/465,602	8/18/2006	8/18/2006	7,654,323	2/2/2010	Imerys
<u>P21.00334.CA</u>	Canada	2,600,053	8/30/2007	8/31/2007	2,600,053	5/13/2014	Imerys
<u>P21.00334.EG</u>	Egypt	121397	8/30/2007	2/26/2009	26031	12/12/2012	Imerys
P21.00334.EP.DIV	European Patent Convention	12156169	8/30/2007	2/20/2012	2500395	10/10/2018	Imerys

P21.00334.EP.DIV	European Patent Convention	11185274.5	8/30/2007	10/14/2011	2407525	10/10/2018	Imerys
P21.00334.LY	Libya	3754/2009	8/30/2007	4/18/2009			Imerys
P21.00334.MX	Mexico	MX/a/2007/0106 56	8/30/2007	8/31/2007	300847	7/3/2012	Imerys
P21.00334.RU	Russian Federation	2008119812	8/30/2007	8/30/2007	2381253	2/20/2010	Imerys
P21.00335.US	United States	11/624,057	1/17/2007	1/17/2007	8,562,900	10/22/2013	Imerys
P21.00335.US.CON2	United States	15/162595	1/17/2007	5/23/2016			Imerys
P21.00337.DK	Denmark	8828122.5	8/28/2007	8/12/2008	2197976	6/24/2015	Imerys
P21.00337.DE	Germany	8828122.5	8/28/2007	8/12/2008	60 2008 038 714.3	6/24/2015	Imerys
P21.00337.GB	Great Britain	8828122.5	8/28/2007	8/12/2008	2197976	6/24/2015	Imerys
P21.00337.NL	Netherlands	8828122.5	8/28/2007	8/12/2008	2197976	6/24/2015	Imerys
P21.00337.EP.NO	Norway	8828122.5	8/28/2007	8/12/2008	2197976	6/24/2015	Imerys
P21.00337.EP.PL	Poland	8828122.5	8/28/2007	8/12/2008	2197976	6/24/2015	Imerys
P21.00337.RU	Russian Federation	2010111727	8/28/2007	8/12/2008	2448142	4/20/2012	Imerys
P21.00337.US	United States	11/846,261	8/28/2007	8/28/2007	7,737,091	6/15/2010	Imerys
P21.00337.US.DIV	United States	12/511,296	7/29/2009	7/29/2009	7,790,656	9/7/2010	Imerys
P11.00338.FR	France	7856803.7	12/17/2007	12/17/2007	2250139	10/26/2016	Imerys
P11.00338.DE	Germany	7856803.7	12/17/2007	12/17/2007	2250139	10/26/2016	Imerys
P11.00339.CN	China P.R.	200980144763	10/9/2008	10/6/2009	CN102209590B	4/15/2015	Imerys

<u>P11.00339.EP</u>	European Patent Convention	8166236.3	10/9/2008	10/9/2008			Imerys
<u>P11.00339.IN</u>	India	858/MUMN/2011	10/9/2008	10/8/2009			Imerys
<u>P11.00339.US</u>	United States	13/123,266	10/9/2008	6/15/2011	8783589	7/22/2014	Imerys
<u>P11.00340.BR</u>	Brazil	BR112012024439.6	3/26/2010	3/25/2011			Imerys
<u>P11.00340.CN</u>	China P.R.	201180015699	3/26/2010	3/25/2011	ZL201180015699.3	11/25/2015	Imerys
<u>P11.00340.ECD</u>	European Community Design	1788431	3/26/2010	12/2/2010	001788431-0001	12/2/2010	Imerys
<u>P11.00340.FR</u>	France	10290160	3/26/2010	3/26/2010	EP2368619	6/25/2014	Imerys
<u>P11.00340.DE</u>	Germany	202010005586.5	3/26/2010	6/8/2010	202010005586.5	9/9/2010	Imerys
<u>P11.00340.DE</u>	Germany	10290160	3/26/2010	3/26/2010	EP2368619	6/25/2014	Imerys
<u>P11.00340.GB</u>	Great Britain	10290160	3/26/2010	3/26/2010	EP2368619	6/25/2014	Imerys
<u>P11.00340.IN</u>	India	2422/MUMNP/2012	3/26/2010	3/25/2011			Imerys
<u>P11.00340.JP</u>	Japan	2013-500525	3/26/2010	3/25/2011	5853014	12/11/2015	Imerys
<u>P11.00340.KR</u>	Republic of Korea	10-2012-7026934	3/26/2010	3/25/2011	10-1679376	11/18/2016	Imerys
<u>P11.00340.RU</u>	Russian Federation	2012144286	3/26/2010	3/25/2011	2557587	6/26/2015	Imerys
<u>P11.00340.ES</u>	Spain	U201000628	3/26/2010	6/16/2010	1072968	1/14/2011	Imerys
<u>P11.00340.US</u>	United States	13/636907	3/26/2010	3/25/2011	8,888,883	11/18/2014	Imerys

<u>P11.00346.BR</u>	Brazil	BR1120150073 46-8	10/5/2012	3/15/2013			Imerys
<u>P11.00346.CN</u>	China P.R.	201380063532	10/5/2012	3/15/2013			Imerys
<u>P11.00346.EA</u>	Eurasian Patent Convention	201590659/26	10/5/2012	3/15/2013			Imerys
<u>P11.00346.EP.FR</u>	France	13709455.3	10/5/2012	5/5/2015	2,903,951	5/9/2018	Imerys
<u>P11.00346.EP.DE</u>	Germany	602013037184. 9	10/5/2012	5/5/2015	2,903,951	5/9/2018	Imerys
<u>P11.00346.EP.GB</u>	Great Britain	13709455.3	10/5/2012	5/5/2015	2,903,951	5/9/2018	Imerys
<u>P11.00346.IN</u>	India	1065/MUMNP/2 015	10/5/2012	3/15/2013			Imerys
<u>P11.00346.JP</u>	Japan	2015-534936	10/5/2012	3/15/2013			Imerys
<u>P11.00346.JP.DIV</u>	Japan	2018-113521	10/5/2012	7/11/2018			Imerys
<u>P11.00346.KR</u>	Republic of Korea	10-2015- 7011600	10/5/2012	3/15/2013			Imerys
<u>P11.00346.US</u>	United States	14/433421	10/5/2012	4/3/2015			Imerys
<u>P11.00347.CN</u>	China P.R.	201580027494. 5	3/28/2014	3/27/2015			Imerys
<u>P11.00347.EP</u>	European Patent Convention	15714448.6	3/28/2014	3/27/2015			Imerys
<u>P11.00347.FR</u>	France	1500631	3/28/2014	3/30/2015			Imerys
<u>P11.00347.IN</u>	India	201627033279	3/28/2014	3/27/2015			Imerys
<u>P11.00347.US</u>	United States	15/129647	3/28/2014	3/27/2015			Imerys

<u>P11.00348.CN</u>	China P.R.	201680034737	5/15/2015	5/12/2016			Imerys
<u>P11.00348.EP</u>	European Patent Convention	16725407.7	5/15/2015	5/12/2016			Imerys
<u>P11.00348.FR</u>	France	1600770	5/15/2015	5/12/2016			Imerys
<u>P11.00348.US</u>	United States	15/574223	5/15/2015	5/12/2016			Imerys
<u>P22.01111.EP</u>	European Patent Convention	6777295.4	6/15/2005	6/12/2006			Imerys S.A.
<u>P22.00968.EP.BE</u>	Belgium	2743265.7	7/4/2001	7/2/2002	1406838	9/9/2015	Imerys S.A.
<u>P22.00968.CN</u>	China P.R.	2817286.8	7/4/2001	7/2/2002	1289399	12/13/2006	Imerys S.A.
<u>P22.00968.EP</u>	European Patent Convention	20020743265	7/4/2001	7/2/2002	1406838	9/9/2015	Imerys S.A.
<u>P22.00968.EP.FR.2</u>	France	2743265.7	7/4/2001	7/2/2002	1406838	9/9/2015	Imerys S.A.
<u>P22.00968.FR</u>	France	108909	7/4/2001	7/4/2001	2826950	9/10/2004	Imerys S.A.
<u>P22.00968.EP.DE</u>	Germany	2743265.7	7/4/2001	7/2/2002	1406838	9/9/2015	Imerys S.A.
<u>P22.00968.EP.GB</u>	Great Britain	2743265.7	7/4/2001	7/2/2002	1406838	9/9/2015	Imerys S.A.
<u>P22.00968.EP.IT</u>	Italy	5020150000794 93	7/4/2001	7/2/2002	1406838	9/9/2015	Imerys S.A.
<u>P22.00968.JP</u>	Japan	2003-510392	7/4/2001	5/30/2005	4515759	5/21/2010	Imerys S.A.
<u>P22.00968.EP.NL</u>	Netherlands	2743265.7	7/4/2001	7/2/2002	1406838	9/9/2015	Imerys S.A.
<u>P22.00968.KR</u>	Republic of Korea	1020037017303	7/4/2001	12/31/2003	10-0932447	12/9/2009	Imerys S.A.
<u>P22.00968.EP.ES</u>	Spain	2743265.7	7/4/2001	7/2/2002	1406838	9/9/2015	Imerys S.A.

<u>P22.00968.US</u>	United States	10/481887	7/4/2001	7/2/2002	7501107	5/10/2009	Imerys S.A.
<u>P22.00968.US.CIP</u>	United States	12/238793	7/4/2001	9/26/2008	7708973	5/4/2010	Imerys S.A.
<u>P22.01100.BE</u>	Belgium	5701566.1	1/23/2004	1/20/2005	1740649	4/9/2008	Imerys S.A.
<u>P22.01100.BR</u>	Brazil	PI0507024-4	1/23/2004	1/20/2005	PI0507024-4	10/27/2015	Imerys S.A.
<u>P22.01100.CN</u>	China P.R.	200580002958	1/23/2004	1/20/2005	100457808	2/4/2009	Imerys S.A.
<u>P22.01100.FR</u>	France	5701566.1	1/23/2004	1/20/2005	1740649	4/9/2008	Imerys S.A.
<u>P22.01100.DE</u>	Germany	5701566.1	1/23/2004	1/20/2005	1740649	4/9/2008	Imerys S.A.
<u>P22.01100.GB</u>	Great Britain	5701566.1	1/23/2004	1/20/2005	1740649	4/9/2008	Imerys S.A.
<u>P22.01100.IT</u>	Italy	5020089016390 13	1/23/2004	1/20/2005	1740649	4/9/2008	Imerys S.A.
<u>P22.01100.JP</u>	Japan	2006-550169	1/23/2004	1/20/2005	4991313	5/11/2012	Imerys S.A.
<u>P22.01100.KR</u>	Republic of Korea	2006-7014832	1/23/2004	1/20/2005	1141564	4/24/2012	Imerys S.A.
<u>P22.01100.ES</u>	Spain	5701566.1	1/23/2004	1/20/2005	1740649	4/9/2008	Imerys S.A.
<u>P22.01100.US</u>	United States	10/586684	1/23/2004	1/20/2005	7709090	5/4/2010	Imerys S.A.
<u>P22.01104.CN</u>	China P.R.	200580038638	11/12/2004	11/9/2005	101056928	10/13/2010	Imerys S.A.
<u>P22.01104.EP2.DE</u>	Germany	60 2005 051198.9	11/12/2004	11/9/2005	1812506	1/18/2017	Imerys S.A.
<u>P22.01104.JP</u>	Japan	2007-540644	11/12/2004	11/9/2005	5192817	2/8/2013	Imerys S.A.
<u>P22.01104.MY</u>	Malaysia	PI20055253	11/12/2004	11/9/2005	MY-144938-A	11/30/2011	Imerys S.A.
<u>P22.01104.KR</u>	Republic of Korea	2007-7010799	11/12/2004	11/9/2005	1217911	1/2/2013	Imerys S.A.
<u>P22.01104.TW</u>	Taiwan	94139664	11/12/2004	11/11/2005	1389959	3/21/2013	Imerys S.A.

<u>P22.01104.TH</u>	Thailand	106016	11/12/2004	11/10/2005	53990	2/27/2017	Imerys S.A.
<u>P22.01104.US</u>	United States	11/719154	11/12/2004	11/9/2005	7847002	12/7/2010	Imerys S.A.
<u>P22.01109.CN</u>	China P.R.	200580043975	12/22/2004	12/20/2005	101090949	6/5/2013	Imerys S.A.
P22.01109.EP2	European Patent Convention	5819239.4	12/22/2004	12/20/2005			Imerys S.A.
<u>P22.01109.MY</u>	Malaysia	PI20056091	12/22/2004	12/21/2005	MY-150665	2/28/2014	Imerys S.A.
<u>P22.01109.TW</u>	Taiwan	94145912	12/22/2004	12/22/2005	I394715	5/1/2013	Imerys S.A.
<u>P22.01109.TH</u>	Thailand	501006086	12/22/2004	12/21/2005	56958	8/24/2017	Imerys S.A.
<u>P22.01109.US</u>	United States	11/722269	12/22/2004	12/20/2005	8324301	12/4/2012	Imerys S.A.
<u>P22.01101.EP.BE</u>	Belgium	6806974.9	10/4/2005	10/4/2006	1937596	9/12/2018	Imerys S.A.
<u>P22.01101.EP</u>	European Patent Convention	6806974.9	10/4/2005	10/4/2006	1937596	9/12/2018	Imerys S.A.
<u>P22.01101.FR</u>	France	510129	10/4/2005	10/4/2005	2891546	9/3/2010	Imerys S.A.
P22.01101.JP2	Japan	2014-189214	10/4/2005	9/17/2014	6389985	8/31/2018	Imerys S.A.
<u>P22.01101.EP.NL</u>	Netherlands	6806974.9	10/4/2005	10/4/2006	1937596	9/12/2018	Imerys S.A.
<u>P22.01110.BR</u>	Brazil	BR1120140080 836	10/5/2011	10/4/2012			Imerys S.A.
<u>P22.01110.CN</u>	China P.R.	201280059914	10/5/2011	10/4/2012	ZL 2012 8 0059914.4	9/28/2016	Imerys S.A.
P22.01110.CN.DIV	China P.R.	201610739303	10/5/2011	8/26/2016			Imerys S.A.
P22.01110.EP2	European Patent Convention	12767019.8	10/5/2011	10/4/2012			Imerys S.A.

<u>P22.01110.DE</u>	Germany	202012012629	10/5/2011	6/4/2013	202012012628	7/4/2013	Imerys S.A.
<u>P22.01110.IN</u>	India	3259/CHENP/2014	10/5/2011	10/4/2012			Imerys S.A.
<u>P22.01110.JP</u>	Japan	2014-533908	10/5/2011	10/4/2012	6296984	3/2/2018	Imerys S.A.
<u>P22.01110.JP.DIV</u>	Japan	2017-137699	10/5/2011	7/14/2017			Imerys S.A.
<u>P22.01110.MX</u>	Mexico	MX/a/2014/004116	10/5/2011	10/4/2012			Imerys S.A.
<u>P22.01110.KR</u>	Republic of Korea	10-2014-7011578	10/5/2011	10/4/2012			Imerys S.A.
<u>P22.01110.US</u>	United States	14/349684	10/5/2011	10/4/2012	10040694	8/7/2018	Imerys S.A.
<u>P22.01300.BR</u>	Brazil	BR112015024047-0	3/18/2013	3/17/2014			Imerys S.A.
<u>P22.01300.CL</u>	Chile	2015-2806	3/18/2013	3/17/2014			Imerys S.A.
<u>P22.01300.CN</u>	China P.R.	201480028635	3/18/2013	3/17/2014			Imerys S.A.
<u>P22.01300.EP2</u>	European Patent Convention	14710308.9	3/18/2013	3/17/2014	2976391	11/14/2018	Imerys S.A.
<u>P22.01300.EP2.FR</u>	France	14710308.9	3/18/2013	3/17/2014	2976391	11/14/2018	Imerys S.A.
<u>P22.01300.EP2.DE</u>	Germany	14710308.9	3/18/2013	3/17/2014	2976391	11/14/2018	Imerys S.A.
<u>P22.01300.IN</u>	India	P8443/DELNP/2015	3/18/2013	3/17/2014			Imerys S.A.
<u>P22.01300.MX</u>	Mexico	MX/a/2015/013320	3/18/2013	3/17/2014			Imerys S.A.
<u>P22.01300.EP2.SE</u>	Sweden	14710308.9	3/18/2013	3/17/2014	2976391	11/14/2018	Imerys S.A.
<u>P22.01300.US</u>	United States	14/775823	3/18/2013	3/17/2014	9,567,234	2/14/2017	Imerys S.A.

<u>P22.01103.BR</u>	Brazil	BR1120180016 26-8	7/30/2015	7/29/2016			Imerys S.A.
<u>P22.01103.EP</u>	European Patent Convention	16745122.8	7/30/2015	7/29/2016			Imerys S.A.
<u>P11.11000.WO</u>	Patent Cooperation Treaty	PCT/EP2017/06 9071	7/28/2016	7/27/2017			Imerys S.A.