

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Nikolai Nesterenko</td> <td>09/03/2012</td> </tr> <tr> <td>Sander Van Donk</td> <td>08/20/2012</td> </tr> <tr> <td>Delphine Minoux</td> <td>08/27/2012</td> </tr> <tr> <td>Jean-Pierre Dath</td> <td>08/27/2012</td> </tr> </tbody> </table>		Name	Execution Date	Nikolai Nesterenko	09/03/2012	Sander Van Donk	08/20/2012	Delphine Minoux	08/27/2012	Jean-Pierre Dath	08/27/2012
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<table border="1"> <tr> <td>Name:</td> <td>Total Research & Technology Feluy</td> </tr> <tr> <td>Street Address:</td> <td>Zone Industrielle Feluy C</td> </tr> <tr> <td>City:</td> <td>B-7181 Seneffe</td> </tr> <tr> <td>State/Country:</td> <td>BELGIUM</td> </tr> </table>		Name:	Total Research & Technology Feluy	Street Address:	Zone Industrielle Feluy C	City:	B-7181 Seneffe	State/Country:	BELGIUM		
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13522633</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13522633						
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CORRESPONDENCE DATA											
Fax Number: 7134835384 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 713-483-5379 Email: sandy.marckesoni@external.total.com Correspondent Name: Fina Technology, Inc. Address Line 1: P. O. Box 674412 Address Line 4: Houston, TEXAS 77267											
ATTORNEY DOCKET NUMBER:	F-1272										
NAME OF SUBMITTER:	David J. Alexander										
Signature:	/David J. Alexander/										
Date:	04/11/2013										

CH \$40.00 13522633

Total Attachments: 4

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PATENT

REEL: 030193 FRAME: 0183

ASSIGNMENT

INVENTION IDENTIFICATION

Application Serial No.: 13/522,633

Title: **METHOD FOR MAKING A CATALYST COMPRISING A PHOSPHORUS MODIFIED ZEOLITE TO BE USED IN AN ALCOHOLS DEHYDRATION PROCESS**

Atty. Dkt. No.: F-1272

Filed on July, 17, 2012, as a national phase application of International Application No. PCT/EP2011/050964, with an international filing date of January 25, 2011, which claimed priority benefits of EP 10 151 507.0 filed January 25, 2010.

ASSIGNEE IDENTIFICATION

Assignee: **Total Research & Technology Feluy**

Incorporation: **Belgium**

Address: **Zone Industrielle Feluy C, B – 7181 Seneffe (Feluy), Belgium**

Now, therefore, in consideration of good and valuable consideration acknowledged by the Assignors to have been received in full from the Assignees:

1. The assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to the Application and the Invention; (b) in and to all rights to apply for patents on the Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on the Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a division, substitution or continuation of the Application; and (d) in and to each and every reissue or extension of any of the Patents.

2. The Assignors hereby covenant and agree to cooperate with the Assignee to enable the Assignee to enjoy to the fullest extent the right, title and interest to the Invention herein conveyed in any and all countries and groups of countries. Such cooperation by the Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers and other assistance all to the extent deemed necessary or desirable by the Assignee (a) for perfecting in the Assignee the right, title and interest herein conveyed; (b) for prosecuting any of the Applications; (c) for filing and prosecuting substitute, divisional, continuing or additional application covering the Invention; (d) for filing and prosecuting applications for reissuance of any of the patents; and (f) for legal proceedings involving the Invention and any application therefore and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by the Assignors in providing such cooperation shall be paid for by the Assignee.

(Nesterenko - Van Donk - Minoux - Dath)

3. The term and covenants of this agreement shall inure to the benefit of the Assignee, its successors, assigns and other legal representatives and shall be binding upon the Assignors, their respective heirs, legal representatives and assigns.

4. The assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract or understanding in conflict herewith.

IN WITNESS WHEREOF, the undersigned have executed and delivered this instrument to the Assignee on the dates indicated below.


NESTERENKO Nikolai

03.09.2012

Date

BEFORE ME, the undersigned authority, on this ____ day of _____, ____ personally appeared the person whose name is subscribed to the foregoing instrument and acknowledged to me that they executed the same of their own free will for the purposes and consideration therein expressed.

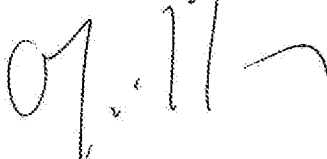
Le soussigné Denis GILBEAU, notaire
 résidant à 7170 Manago, certifie
 la signature apposée ci-avant de
 Monsieur NESTERENKO Nikolai

Fait à Manago, le 03.09.2012



VAN DONK Sander

Notary Public


20/08/2012

Date

BEFORE ME, the undersigned authority, on this ____ day of _____, ____ personally appeared the person whose name is subscribed to the foregoing instrument and acknowledged to me that they executed the same of their own free will for the purposes and consideration therein expressed.

Le soussigné Denis GILBEAU, notaire
 résidant à 7170 Manago, certifie
 la signature apposée ci-avant de
 Monsieur VAN DONK Sander

Fait à Manago, le 20.08.2012

Notary Public


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PATENT

REEL: 030193 FRAME: 0185



MINOUX Delphine

27-08-2012

Date

BEFORE ME, the undersigned authority, on this ____ day of _____, _____
personally appeared the person whose name is subscribed to the foregoing instrument and
acknowledged to me that they executed the same of their own free will for the purposes
and consideration therein expressed.

Notary Public



DATH Jean-Pierre

27/08/2012

Date

BEFORE ME, the undersigned authority, on this ____ day of _____, _____
personally appeared the person whose name is subscribed to the foregoing instrument and
acknowledged to me that they executed the same of their own free will for the purposes
and consideration therein expressed.

Le soussigné Denis GILBEAU, notaire
résidant à 7170 Manage, certifie
la signature apposée ci-avant de
Madame MINOUX Delphine et
Monsieur DATH Jean-Pierre
fait à Manage, le 27.08.2012

Notary Public

(Assignment ends with this page)

APOSTILLE

(Convention de La Haye du 5 octobre 1961)

1. Pays: Belgique
2. Le présent acte public a été signé par: Gilbeau, Denis
3. Agissant en qualité de: Notaire
4. Est revêtu du sceau / timbre de: Notaire

Attesté

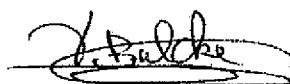
Managé

5. A Bruxelles
6. Le: 12/02/2013
7. Par le Service public fédéral Affaires étrangères, Commerce extérieur et Coopération
au Développement

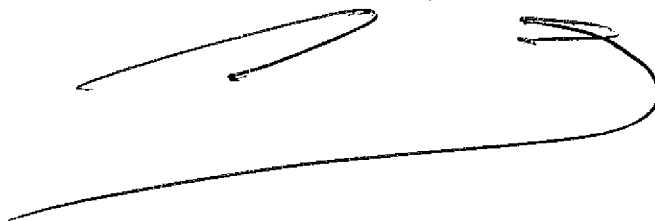
8. Sous le n°: **9805130212365524**

9. Sceau/timbre:

10. Signature:



Bulcke Dominique



PATENT

RECORDED: 04/11/2013

REEL: 030193 FRAME: 0187