

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3078604

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
NIKOLAI NESTERENKO	02/24/2014
DELPHINE MINOUX	02/21/2014
CINDY ADAM	02/21/2014
JEAN-PIERRE DATH	02/21/2014
JOSEPH LOPEZ	04/03/2014
PATRICK EUZEN	04/03/2014

**RECEIVING PARTY DATA**

<b>Name:</b>	TOTAL RESEARCH & TECHNOLOGY FELUY
<b>Street Address:</b>	ZONE INDUSTRIELLE C
<b>City:</b>	SENEFFE (FELUY)
<b>State/Country:</b>	BELGIUM
<b>Postal Code:</b>	B-7181
<b>Name:</b>	IFP ENERGIES NOUVELLES
<b>Street Address:</b>	1 & 4 AVENUE DE BOIS PRÉAU
<b>City:</b>	RUEIL MALMAISON
<b>State/Country:</b>	FRANCE
<b>Postal Code:</b>	F-92852

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	14236726

**CORRESPONDENCE DATA**

Fax Number: (832)830-8958

*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: 2819743458

Email: ramos@AL-IP.com

Correspondent Name: ADOLPH LOCKLAR

Address Line 1: 4615 SOUTHWEST FREEWAY

Address Line 2: SUITE 630

Address Line 4: HOUSTON, TEXAS 77027

PATENT

<b>ATTORNEY DOCKET NUMBER:</b>	F-1286
<b>NAME OF SUBMITTER:</b>	BLANCA RAMOS
<b>SIGNATURE:</b>	/Michael Locklar/
<b>DATE SIGNED:</b>	10/23/2014

**Total Attachments: 9**

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## ASSIGNMENT

### INVENTION IDENTIFICATION

Application Serial No.: 14/236,726

Title: Use of a Catalyst Comprising a Phosphorous Modified Zeolite in an Alcohol Dehydration Process

Atty. Dkt. No.: F-1286

Filed on February 3<sup>rd</sup>, 2014, as a national phase application of International Application No. PCT/EP2012/064579, with an international filing date of July 25<sup>th</sup>, 2012, which claimed priority benefits of EP 11290360.4 filed August 3<sup>rd</sup>, 2011

### ASSIGNEE IDENTIFICATION

Assignee: Total Research & Technology Feluy

Incorporation: Belgium

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

Assignee: IFP Energies nouvelles

Incorporation: France

Address: 1 & 4 avenue de Bois Préau, F-92852 Rueil Malmaison, France

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 Assignees 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 Assignees to enable the Assignees 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 Assignees (a) for perfecting in the Assignees 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,

NESTERENKO Nikolai - MINOUX Delphine - ADAM Cindy - DATH Jean-Pierre - LOPEZ Joseph - EUZEN Patrick

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 Assignees.

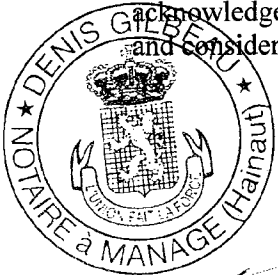
3. The term and covenants of this agreement shall inure to the benefit of the Assignees, its successors, assigns and other legal representatives and shall be binding upon the Assignors, their respective heirs, legal representatives and assigns.

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 Assignees on the dates indicated below.

[Signature] \_\_\_\_\_ 24/02/2014  
NESTERENKO, Nikolai Date

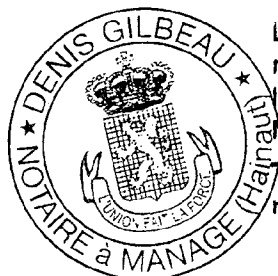
BEFORE ME, the undersigned authority, on this \_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ personally appeared the person whose name is subscribed to the foregoing instrument and acknowledged to me that they executed the same of their own free will for the purposes and consideration therein expressed.



Le soussigné Denis GILBEAU, notaire résidant à 7170 Manage, certifie la signature apposée ci-avant de Monsieur NESTERENKO Nikolai Notary Public  
Fait à Manage, le 21 février 2014

[Signature] \_\_\_\_\_ 21/02/2014  
MINOUX, Delphine 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 Notary Public  
Fait à Manage, le 21 février 2014

[Signature] \_\_\_\_\_

NESTERENKO Nikolai - MINOUX Delphine - ADAM Cindy - DATH Jean-Pierre - LOPEZ Joseph - EUZEN Patrick




ADAM, Cindy

21.02.2014

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



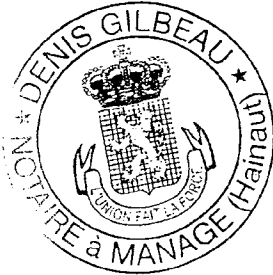
DATH, Jean-Pierre

21/02/2014

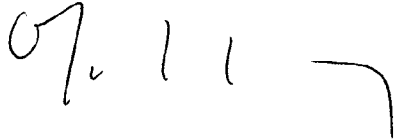
Date

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



Le soussigné Denis GILBEAU, notaire résidant à 7170 Manage, certifie la signature apposée ci-avant de Madame ADAM Cindy et Monsieur DATH Jean-Pierre. Fait à Manage, le 21 février 2014



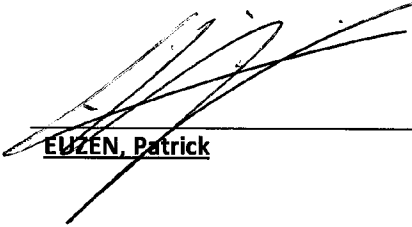
NESTERENKO Nikolai - MINOUX Delphine - ADAM Cindy - DATH Jean-Pierre - LOPEZ Joseph - EUZEN Patrick

\_\_\_\_\_  
LOPEZ, Joseph

\_\_\_\_\_  
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

  
\_\_\_\_\_  
EUZEN, Patrick

23/04/2014

\_\_\_\_\_  
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

(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  
Manage
- Attesté**
5. A Bruxelles
  6. Le: 16/11/2014
  7. Par le Service public fédéral Affaires étrangères, Commerce extérieur et Coopération  
au Développement
  8. Sous le n°: **9805141016962219**
  9. Sceau/timbre:
  10. Signature:



Jan Van de Velde

**NESTERENKO Nikolai - MINOUX Delphine - ADAM Cindy - DATH Jean-Pierre - LOPEZ Joseph - EUZEN Patrick**

**ASSIGNMENT**

**INVENTION IDENTIFICATION**

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Atty. Dkt. No.: **F-1286**

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**ASSIGNEE IDENTIFICATION**

Assignee: **Total Research & Technology Feluy**

Incorporation: **Belgium**

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

Assignee: **IFP Energies nouvelles**

Incorporation: **France**

Address: **1 & 4 avenue de Bois Préau, F-92852 Rueil Malmaison, France**

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**NESTERENKO Nikolai - MINOUX Delphine - ADAM Cindy - DATH Jean-Pierre - LOPEZ Joseph - EUZEN Patrick**

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

\_\_\_\_\_  
**NESTERENKO, Nikolai**

\_\_\_\_\_  
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

\_\_\_\_\_  
**MINOUX, Delphine**

\_\_\_\_\_  
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

NESTERENKO Nikolai - MINOUX Delphine - ADAM Cindy - DATH Jean-Pierre - LOPEZ Joseph - EUZEN Patrick

\_\_\_\_\_  
**ADAM, Cindy**

\_\_\_\_\_  
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**

\_\_\_\_\_  
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

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Managé

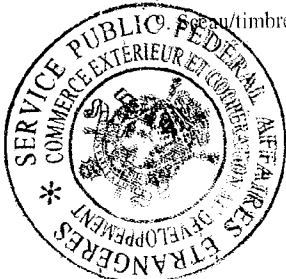
**Attesté**

- 5. A Bruxelles
- 6. Le: 16/10/2014
- 7. Par le Service public fédéral Affaires étrangères, Commerce extérieur et Coopération au Développement
- 8. Sous le n°: **9805141016962118**

10. Signature:

*(Handwritten signature)*

Jan Van de Velde



*(Handwritten mark)*

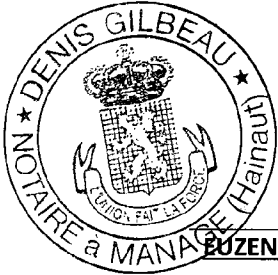
NESTERENKO Nikolai - MINOUX Delphine - ADAM Cindy - DATH Jean-Pierre - LOPEZ Joseph - EUZEN Patrick

LOPEZ, Joseph

03/04/2014

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 Monsieur LOPEZ Joseph

\_\_\_\_\_  
Notary Public

Fait à Manage, le 3 avril 2014

EUZEN, Patrick

Date

07.11.7

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

(Assignment ends with this page)

JL