502853197 06/16/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2899795

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PATRICK LEROY	02/02/2014
MARC BORIES	03/13/2014
EUSEBIUS GBORDZOE	03/19/2014

RECEIVING PARTY DATA

Name:	TOTAL RAFFINAGE FRANCE
Street Address:	2, PLACE JEAN MILLIER
Internal Address:	LA DÉFENSE 6
City:	COURBEVOIE
State/Country:	FRANCE
Postal Code:	F-92400

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14129786

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: bennyhoff@AL-IP.com **Correspondent Name:** ADOLPH LOCKLAR

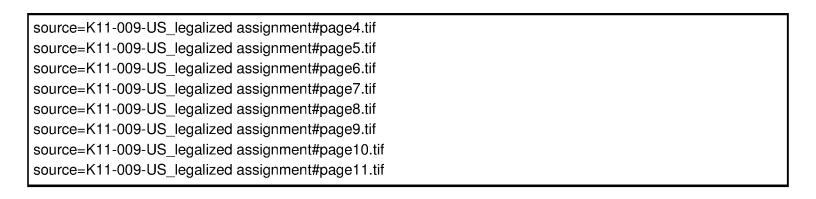
Address Line 1: 4615 SOUTHWEST FREEWAY
Address Line 4: HOUSTON, TEXAS 77027

ATTORNEY DOCKET NUMBER:	K11-009
NAME OF SUBMITTER:	YUKI BENNYHOFF
SIGNATURE:	/Michael Locklar/
DATE SIGNED:	06/16/2014

Total Attachments: 11

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PATENT 502853197 REEL: 033110 FRAME: 0631



PATENT REEL: 033110 FRAME: 0632

ASSIGNMENT

Invention Identification

Application Serial No.: 14/129,786

Title: CATALYTIC CRACKING METHOD FOR TREATING A FRACTION

HAVING A LOW AMOUNT OF CONRADSON CARBON

Atty. Dkt. No.: K11-009

Filed on December 27, 2013, as a national phase application of International Application No. PCT/FR2012/051505, with an international filing date of June 29, 2012, which claimed priority benefits of FR 11.55852 filed June 30, 2011 and US 61/521,101 filed August 8, 2011.

ASSIGNEE IDENTIFICATION

Assignee: Total Raffinage France

Incorporation: France

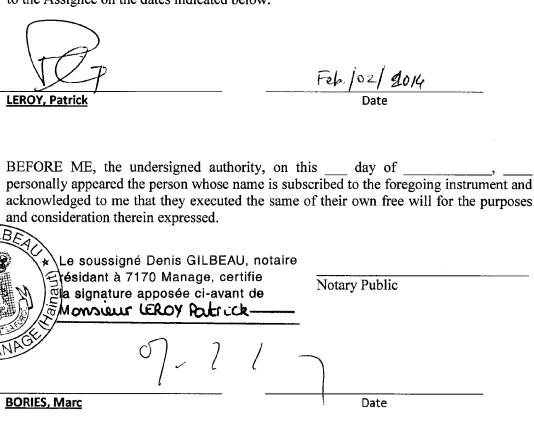
Address: 2 place Jean Millier, La Défense, F - 92400 Courbevoie - France

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 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.

- 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.



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

GBORDZOE, Eusebius	Date
BEFORE ME, the undersigned authopersonally appeared the person whose nacknowledged to me that they executed and consideration therein expressed.	ority, on this day of,, ame is subscribed to the foregoing instrument and the same of their own free will for the purpose
	Notary Public

(Assignment ends with this page)

APOSTILLE

(Convention de La Haye du 5 octobre 1961)

Pays: Belgique
 Le présent acte public a été signé par:

Gilbeau, Denis

3. Agissant en qualité de: Notaire 4. Est revêtu du sceau / timbre de: Notaire

<u>Attesté</u>

Manage

5. A Bruxelles

6. Le: 11/06/2014

- 7. Par le Service public fédéral Affaires étrangères, Commerce extérieur et Coopération au Développement
- 8. Sous le n°: 9805140611959836

9. Sceau/timbre:

Jan Van de Velde

PATENT

REEL: 033110 FRAME: 0636

ASSIGNMENT

INVENTION IDENTIFICATION

Application Serial No.: 14/129,786

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Incorporation: France

Address: 2 place Jean Millier, La Défense, F - 92400 Courbevoie - France

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- 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.

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

LEROY, Patrick	Date
BEFORE ME, the undersigned authority, of personally appeared the person whose name is acknowledged to me that they executed the stand consideration therein expressed.	subscribed to the foregoing instrument and
	Notary Public
BORIES, Marc	<u> パろ/飞 / との14</u> Date
BEFORE ME, the undersigned authority, of personally appeared the person whose name is acknowledged to me that they executed the stand consideration therein expressed.	subscribed to the foregoing instrument and
Le soussigné Denis GILBEAU, not résidant à 7170 Manage, certifie la signature apposée ci-avant de Monsieur BORKIES Mous	Notary Public

PATENT REEL: 033110 FRAME: 0638

ame is subscribed to the foregoing instrument	anc
Notary Public	
	rity, on this day of,,,,,,

APOSTILLE

(Convention de La Haye du 5 octobre 1961)

Pays: Belgique
 Le présent acte public a été signé par:

Gilbeau, Denis

3. Agissant en qualité de: Notaire 4. Est revêtu du sceau / timbre de: Notaire

<u>Attesté</u>

Manage

5. A Bruxelles

6. Le: 11/06/2014

7. Par le Service public fédéral Affaires étrangères, Commerce extérieur et Coopération au Développement

8. Sous le n°: 9805140611961452

9. Sceau/timbre:

10. Signature:

Jan Van de Velde

PATENT REEL: 033110 FRAME: 0640

ASSIGNMENT

Invention Identification

Application Serial No.: 14/129,786

Title: CATALYTIC CRACKING METHOD FOR TREATING A FRACTION

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Incorporation: France

Address: 2 place Jean Millier, La Défense, F - 92400 Courbevoie - France

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- 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.

LEROY Patrick - BORIES Marc - GBORDZOE Eusebius

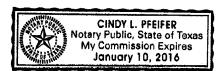
- 3. The term and covenants of this agreement shall inure to the benefit of the Assignee, its successors, assigns and other legal representatives and shall be binding upon the Assignors, their respective heirs, legal representatives and assigns.
- 4. The assignors hereby warrant and represent that they 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.

LEROY, Patrick	Date
	thority, on this day of,, e name is subscribed to the foregoing instrument and ted the same of their own free will for the purposes
	Notary Public
BORIES, Marc	Date
	thority, on this day of, e name is subscribed to the foregoing instrument and ted the same of their own free will for the purposes
	Notary Public

19 - MARCH - 2014 Date

BEFORE ME, the undersigned authority, on this /96 day of MARCH, 2019 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.



(Assignment ends with this page)