PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:		CORRECTIVE AS	CORRECTIVE ASSIGNMENT	
NATURE OF CONVEYANCE:		recorded on Reel (Corrective Assignment to correct the Assignor's name. previously recorded on Reel 027576 Frame 0825. Assignor(s) hereby confirms the Assignor's name should read Michel, Jacques.	
CONVEYING PART	TY DATA			
Name Execution Date			Execution Date	
Jacques Michel			03/12/2010	
Marc Duprie			03/12/2010	
Floran Prades		e	03/18/2010	
RECEIVING PART	Y DATA			
Name:		TROCHEMICALS RESEAU		
Street Address:	TOTAL PETROCHEMICALS RESEARCH FELUY Zone Industrielle C			
City:				
State/Country:	B-7181 Seneffe (Feluy) BELGIUM			
PROPERTY NUMB	ERS Total:	1		
[······		
Property Type			Number	
Application Number: 12		12530500		
CORRESPONDEN	CE DATA			
Fax Number: (713)483-5384				
Phone:	(713)483-5384 713-483-5379			
Email: katy.sabayrac@total.com				
Correspondence w will be sent via US	vill be sent to	the e-mail address first; if i	that is unsuccessful, it	
Correspondent Name: Fina Technology, Inc.				
Address Line 1:	Address Line 1: P.O. Box 674412			
Address Line 4: Houston, TEXAS 77267-4412				
		11		

ATTORNEY DOCKET NUMBER:	F-1035
NAME OF SUBMITTER:	David J. Alexander
Signature:	/David J. Alexander/
Date:	01/30/2012
Total Attachments: 13 source=F-1035#page1.tif source=F-1035#page2.tif source=F-1035#page3.tif source=F-1035#page4.tif source=F-1035#page5.tif source=F-1035#page6.tif source=F-1035#page7.tif source=F-1035#page8.tif source=F-1035#page9.tif source=F-1035#page10.tif source=F-1035#page11.tif source=F-1035#page12.tif	
RECEIPT INFORMATION	
EPAS ID:PAT1835Receipt Date:01/30/201Fee Amount:\$40	

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY DATA				
Name Execution Date			te	
Michel Jacques		03/12/2010		
Marc Dupire		03/12/2010		
Floran Prades	······	03/18/2010		
RECEIVING PARTY DATA				
Name:	TOTAL PETROCHEMICALS RESEARCH FELUY			
Street Address:	Zone Industrielle C			
A14	B-7181 Seneffe (Feluy)			
City:			_ !	
State/Country:	BELGIUM			
	BELGIUM			
State/Country:	BELGIUM BERS Total:	1		
State/Country: PROPERTY NUMI Property 1 Application Numb	BELGIUM BERS Total: Type	1 Number		
State/Country: PROPERTY NUM Property T Application Numb CORRESPONDEN Fax Number:	BELGIUM BERS Total: Type	1Number		
State/Country: PROPERTY NUMI Property 1 Application Numb CORRESPONDEN Fax Number: Phone:	BELGIUM BERS Total: Type Per: NCE DATA (713)46 713-48	1 Number 12530500 33-5384 3-5379		
State/Country: PROPERTY NUMI Property 1 Application Numb CORRESPONDEN Fax Number: Phone: Email:	BELGIUM BERS Total: Type ver: NCE DATA (713)48 (713-48 katy.sa katy.sa	1 Number 12530500 33-5384		
State/Country: PROPERTY NUM Property 1 Application Numb CORRESPONDEN Fax Number: Phone: Email: <i>Correspondence y</i>	BELGIUM BERS Total: Type Per: NCE DATA (713)48 713-48 katy.sa vill be sent to a Mail.	1 Number 12530500 33-5384 3-5379 bayrac@total.com		
State/Country: PROPERTY NUMI Property 1 Application Numb CORRESPONDEN Fax Number: Phone: Email: <i>Correspondence y</i> <i>will be sent via US</i> Correspondent Na Address Line 1:	BELGIUM BERS Total: Type Per: NCE DATA (713)48 713-48 katy.sal vill be sent to a Mail. me: Fina Te P.O. Bo	1 Number 12530500 33-5384 3-5379 bayrac@total.com the e-mail address first; if that is unsuccessful, it echnology, Inc. bx 674412		
State/Country: PROPERTY NUME Property 1 Application Numb CORRESPONDEN Fax Number: Phone: Email: <i>Correspondence y</i> <i>will be sent via US</i> Correspondent Na	BELGIUM BERS Total: Type Per: NCE DATA (713)48 713-48 katy.sal vill be sent to a Mail. me: Fina Te P.O. Bo	1 Number 12530500 33-5384 33-5379 bayrac@total.com the e-mail address first; if that is unsuccessful, it echnology, Inc.		
State/Country: PROPERTY NUMI Property 1 Application Numb CORRESPONDEN Fax Number: Phone: Email: <i>Correspondence y</i> <i>will be sent via US</i> Correspondent Na Address Line 1:	BELGIUM BERS Total: Type Per: NCE DATA (713)48 (713-48) katy.sa vill be sent to 5 Mail. me: Fina Te P.O. Bo Houston	1 Number 12530500 33-5384 3-5379 bayrac@total.com the e-mail address first; if that is unsuccessful, it echnology, Inc. px 674412 n, TEXAS 1		

Feb. <u>7</u>. 2012 9:27AM Total Petrochemicals USA Inc.

NAME OF SUBMITTER:	David J. Alexander
Signature:	/David J. Alexander/
Date:	01/23/2012
Total Attachments: 11 source=F-1035#page1.tif source=F-1035#page2.tif source=F-1035#page3.tif source=F-1035#page4.tif source=F-1035#page6.tif source=F-1035#page6.tif source=F-1035#page7.tif source=F-1035#page8.tif source=F-1035#page9.tif source=F-1035#page10.tif	
RECEIPT INFORMATION	
EPAS ID: PAT18278 Receipt Date: 01/23/201 Fee Amount: \$40	

(MICHEL - DUPIRE - PRADES)

ASSIGNMENT

INVENTION IDENTIFICATION

 Application Serial No.: 12/530,500

 Title: HOMO- OR CO-POLYMERS OF ETHYLENE WITH COMBINATION OF

 PROCESSABILITY AND TOUGHNESS PROPERTIES.

 Atty. Dkt. No.: F-1035

 Filed: September 9, 2009

Assignee: TOTAL PETROCHEMICALS RESEARCH FELUY Incorporation: <u>BELGIUM</u> Address: <u>Zone Industrielle C, B-7181 Seneffe (Feluy), Belgium</u>

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.

No. 9406

Ρ.

14

(MICHEL - DUPIRE - PRADES)

3. The term and covenants of this agreement shall inure to the benefit of the Assignce, 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.



Notary Public

Feb. 7. 2012 9:28AM Total Petrochemicals USA Inc.

(MICHEL - DUPIRE - PRADES)

PRADES Floran

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ς.

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.

Date

Notary Public

(Assignment ends with this page)

F1035

(MICHEL – DUPIRE - PRADES)

ASSIGNMENT

INVENTION IDENTIFICATION

Application Serial No.: <u>12/530,500</u> Title: <u>HOMO- OR CO-POLYMERS OF ETHYLENE WITH COMBINATION OF</u> <u>PROCESSABILITY AND TOUGHNESS PROPERTIES.</u> Atty. Dkt. No.: <u>F-1035</u> Filed; <u>September 9, 2009</u>

Assignee: <u>TOTAL PETROCHEMICALS RESEARCH FELUY</u> Incorporation: <u>BELGIUM</u> Address: <u>Zone Industrielle C, B-7181 Seneffe (Feluy), Belgium</u>

Now, therefore, in consideration of good and valuable consideration acknowledged by the Assigners 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.

The Assignors hereby covenant and agree to cooperate with the Assignee 2. to enable the Assignce 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 Assignce (a) for perfecting in the Assignce 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.

(MICHEL - DUPIRE - PRADES)

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.

MICHEL	Jacques

ş Ş Date

	Notary Public
DEPTRE Marc	L 12, 20 10
S	Le soussigné Denis GILBEAU, notaire
S	résidant à 7170 Manage, certifie
BEFORE ME, the undersigned authority, on	la signature apposée ci-avant de
personally appeared the person whose name is su	M ² 1720C Duplic
acknowledged to me that they executed the same	Fait à Manage, le $\frac{12}{3}/\frac{2000}{2000}$
and consideration therein expressed.	this day of

2

Notary Public

PATENT REEL: 027677 FRAME: 0169

F1035

Feb. 7. 2012 9:29AM Total Petrochemicals USA Inc.

:

(MICHEL - DUPIRE - PRADES)

F1035

PRADES Floran Date

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.

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)

19

APOSTILLE

(Convention de La Haye du 5 octobre 1961)

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

 - Notaire Manage

<u>Attesté</u>

- 5. A Bruxelles 6. Le: 17/01/2012
- 7. Par le Service public fédéral Affaires étrangères, Commerce extérieur et Coopération au Développement

8. Sous le nº: 9805120117612890

9. Sceau/timbre:

10. Signature:



Bulcke Dominique

(MICHEL – DUPIRE - PRADES)

ASSIGNMENT

INVENTION IDENTIFICATION

Application Serial No.: <u>12/530,500</u> Title: <u>HOMO- OR CO-POLYMERS OF ETHYLENE WITH COMBINATION OF</u> <u>PROCESSABILITY AND TOUGHNESS PROPERTIES.</u> Atty. Dkt. No.: <u>F-1035</u> Filed: <u>September 9, 2009</u>

ASSIGNEE IDENTIFICATION Assignee: TOTAL PETROCHEMICALS RESEARCH FELUY Incorporation: BELGIUM Address: Zone Industrielle 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 Assignce (a) for perfecting in the Assignce 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.

> PATENT REEL: 027677 FRAME: 0172

7

(MICHEL - DUPIRE - PRADES)

3. The term and covenants of this agreement shall inure to the benefit of the Assignce, 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.

MICHEL Jacques

Date

§ Ş

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

DUPIRE Marc

Date

8989

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

2



BEFORE ME, the undersigned authority, on this \underline{AB} day of \underline{MaAA} , $\underline{2040}$ 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)

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Feb. 7. 2012 9:26AM Total Petrochemicals USA Inc.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JANUARY 27, 2012

PTAS

FINA TECHNOLOGY, INC. P.O. BOX 674412 HOUSTON, TX 77267-4412

501794872

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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RECORDATION DATE: 01/23/2012

REEL/FRAME: 027576/0825 NUMBER OF PAGES: 13

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: F-1035

ASSIGNOR: JACQUES, MICHEL

ASSIGNOR:

DUPIRE, MARC

ASSIGNOR: PRADES, FLORAN DOC DATE: 03/18/2010

DOC DATE: 03/12/2010

DOC DATE: 03/12/2010

ASSIGNEE: TOTAL PETROCHEMICALS RESEARCH FELUY ZONE INDUSTRIELLE C B-7181 SENEFFE (FELUY), BELGIUM

APPLICATION NUMBER: 12530500 PATENT NUMBER: ISSUE DATE: TITLE: HOMO- OR CO-POLYMERS OF ETHYLENE WITH COMBINATION OF PROCESSABILITY AND TOUGHNESS PROPERTIES

P.O. Box 1450, Alexandria, Virginia 22313-1450 - WWW.USPTO.GOV

Feb. 7. 2012 9:27AM Total Petrochemicals USA Inc.

No. 9406 P. 5

027576/0825 PAGE 2

ASSIGNMENT RECORDATION BRANCH PUBLIC RECORDS DIVISION

Feb. 7. 2012 9:27AM Total Petrochemicals USA Inc.

No. 9406 P. 8

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JANUARY 27, 2012

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RECORDATION DATE: 01/23/2012 REEL/FRAME: 027576/0825 NUMBER OF PAGES: 13 BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS). DOCKET NUMBER: F-1035 ASSIGNOR: MICHEL [MICHEL, JACQUES] DOC DATE: 03/12/2010 JACQUES, ASSIGNOR: DUPIRE, MARC DOC DATE: 03/12/2010 ASSIGNOR: PRADES, FLORAN DOC DATE: 03/18/2010 ASSIGNEE: TOTAL PETROCHEMICALS RESEARCH FELUY ZONE INDUSTRIELLE C B-7181 SENEFFE (FELUY), BELGIUM APPLICATION NUMBER: 12530500 FILING DATE: 03/31/2010 PATENT NUMBER: ISSUE DATE: TITLE: HOMO- OR CO-POLYMERS OF ETHYLENE WITH COMBINATION OF PROCESSABILITY AND TOUGHNESS PROPERTIES

P.O. Box 1450, Alexandria, Virginis 22313-1450 - WWW,USPTO,GOV

Feb. 7. 2012 9:27AM Total Petrochemicals USA Inc. No. 9406 P. 9

027576/0825 PAGE 2

ASSIGNMENT RECORDATION BRANCH PUBLIC RECORDS DIVISION

CORRESPONDENCE DATA		
Fax Number:(713)483-5384Phone:713-483-5379Email:katy.sabayrac@total.comCorrespondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.Correspondent Name:Fina Technology, Inc.Address Line 1:P.O. Box 674412Address Line 4:Houston, TEXAS 77267-4412		
ATTORNEY DOCKET NUMBER:	F-1035	
NAME OF SUBMITTER:	David J. Alexander	
Signature:	/David J. Alexander/	
Date:	01/30/2012	
Total Attachments: 13 source=F-1035#page1.tif source=F-1035#page2.tif source=F-1035#page3.tif source=F-1035#page4.tif source=F-1035#page5.tif source=F-1035#page7.tif source=F-1035#page9.tif source=F-1035#page9.tif source=F-1035#page9.tif source=F-1035#page10.tif source=F-1035#page11.tif source=F-1035#page12.tif		
RECEIPT INFORMATION		
EPAS ID: PAT183515 Reccipt Date: 01/30/2012 Fee Amount: \$40	8	

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