

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Louis Fouarge</td> <td>08/23/2012</td> </tr> <tr> <td>Alain Brusselle</td> <td>08/30/2012</td> </tr> </tbody> </table>		Name	Execution Date	Louis Fouarge	08/23/2012	Alain Brusselle	08/30/2012
Name	Execution Date						
Louis Fouarge	08/23/2012						
Alain Brusselle	08/30/2012						
RECEIVING PARTY DATA							
Name:	Total Research & Technology Feluy						
Street Address:	Zone Industrielle C,						
City:	B-7181 Seneffe, (Feluy)						
State/Country:	BELGIUM						
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>13514096</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13514096		
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Application Number:	13514096						
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:	katy.sabayrac@total.com						
Correspondent Name:	Fina Technology, Inc.						
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Address Line 4:	Houston, TEXAS 77267-4412						
ATTORNEY DOCKET NUMBER:	F-1206						
NAME OF SUBMITTER:	David J. Alexander						
Total Attachments: 2 source=20121212100311250#page1.tif source=20121212100311250#page2.tif							

CH \$40.00 13514096

(Fouarge - Brusselle)

ASSIGNMENT**INVENTION IDENTIFICATION**

Application Serial No.: 13/514,096

Title: **METHOD FOR MONITORING THE LEVEL OF AN ETHYLENE
POLYMERIZATION CATALYST SLURRY**

Atty. Dkt. No.: F-1206

Filed on June 6, 2012, as a national phase application of International Application No. PCT/EP2010/070019, with an international filing date of December 17, 2010, which claimed priority benefits of EP 09 179 859.5 filed December 18, 2009.

ASSIGNEE IDENTIFICATIONAssignee: **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.

(Fourage - Brusselle)

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.

Fourage

08-23-2012

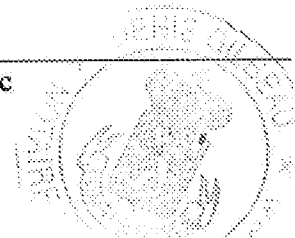
FOURAGE Louis

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 FOURAGE Louis

Notary Public



Fait à Manage, le 23 août 2012

Denis Gilbeau

1/30th August 2012

APOSTILLE

(Convention de La Haye du 5 octobre 1961)

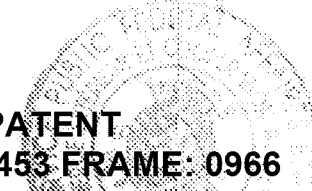
- 1. Pays: Belgique
- 2. Le présent acte public a été signé par: Gilbeau, Denis
- 3. Agissant en qualité de: Notaire
- 4. Est revêtu du sceau / timbre de: Notaire Manage

Attesté

- 5. A Bruxelles
- 6. Le: 08/11/2012
- 7. Par le Service public fédéral Affaires étrangères, Commerce extérieur et Coopération au Développement
- 8. Sous le n°: **9805121108173472**

10. Signature:

Denis Gilbeau



RECORDED: 12/12/2012

PATENT REEL: 029453 FRAME: 0966