

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Eric Damme	10/13/2006
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TOTAL PETROCHEMICALS RESEARCH 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>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
PCT Number:	EP0550524
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(713)483-5384
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	713-483-5379
<b>Email:</b>	elaine.barnett@total.com
<b>Correspondent Name:</b>	David J. Alexander, FINA TECHNOLOGY, INC
<b>Address Line 1:</b>	P.O. Box 4412
<b>Address Line 4:</b>	Houston, TEXAS 77267-4412
<b>ATTORNEY DOCKET NUMBER:</b>	F-909
<b>NAME OF SUBMITTER:</b>	Shirley A. Kopecky
<b>Total Attachments: 3</b> source=F909_Assignment#page1.tif source=F909_Assignment#page2.tif source=F909_Assignment#page3.tif	

CH \$40.00 EP0550524

31223.00139

PATENT

Client Reference No. F-909

(Damme)

### ASSIGNMENT

WHEREAS, I, **Eric Damme**, resident of **Belgium**, have invented certain new and useful improvements which are described and claimed and for which a patent is sought on the invention, design, or discovery as set forth in the application for United States Letters Patent entitled **Interconnected Loop Reactors**, the specification of which was filed **August 4, 2006** and amended by a Preliminary Amendment filed **August 4, 2006**, as a national phase application of International Application No. **PCT/EP2005/050524**, with an international filing date of **February 8, 2005**, and having been assigned application serial no. **11/501,182**.

AND WHEREAS, **Total Petrochemicals Research Feluy**, a corporation of **Belgium**, having offices at Zone Industrielle C, B-7181 Seneffe (Feluy) (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring my entire right, title, and interest in and to the invention, the application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I do hereby sell, assign, and transfer unto ASSIGNEE, its successors, assigns, and legal representatives, the full and exclusive right, title, and interest in and to said invention, application, and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, continuations-in-part, and extensions thereof; and I hereby authorize and request the Commissioner of Patents to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to the ASSIGNEE of my entire right, title and interest.

I also hereby sell and assign to ASSIGNEE, its successors, assigns, and legal representatives the full and exclusive rights, title, and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models, and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention, and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title, and interest in ASSIGNEE, its successors, assigns, and legal representatives.

I hereby further agree that I will communicate to ASSIGNEE, or to its successors, assigns, and legal representatives, any facts known to me respecting any improvements; and, at the expense

PATENT

REEL: 020476 FRAME: 0632

31223.00139

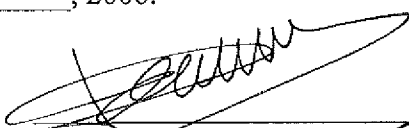
PATENT

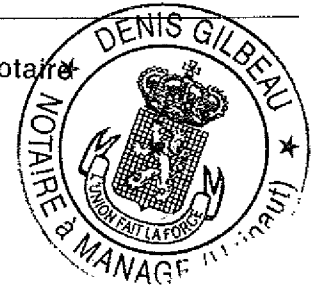
Client Reference No. F-909  
(Damme)

of ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue, and substitute applications, make all lawful oaths, and generally do everything possible to vest title in ASSIGNEE and to aid ASSIGNEE, its successors, assigns, and legal representatives to obtain and enforce proper protection for said invention in all countries.

Executed this 13 day of October, 2006.

Notary Stamp:

  
**Eric Damme**  
Assigné Denis GILBEAU, notaire  
résidant à 7170 Manage, certifie  
la signature apposée ci-avant de  
M<sup>r</sup> Eric DAMME



Fait à Manage, le 13/10/06

*Handwritten scribbles and lines, possibly initials or a signature.*

Vu pour la légalisation de la signature de:  
Gezien voor de legalisatie van de handtekening van:  
Gesehen zur Legalisation der Unterschrift von:

Brussel/Bruuxelles/Brüssel


15/06/2007

**Gilbeau, Denis**

**N° 9805070615258760**

Cette légalisation ne garantit pas l'authenticité du contenu du document.  
Deze legalisatie waarborgt de authenticiteit van de inhoud van het document niet.  
Diese Legalisation dient nicht dem Beweis der Echtheit des Inhalts des Dokuments.



  
Lacroix Nathalie

**PATENT**

**RECORDED: 02/07/2008**

**REEL: 020476 FRAME: 0634**