

# PATENT ASSIGNMENT

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NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Mare Moers		10/30/2006
RECEIVING PARTY DATA		
Name:	TOTAL PETROCHEMICALS RESEARCH FELUY	
Street Address:	Zone Industrielle C	
City:	Seneffe (Feluy)	
State/Country:	BELGIUM	
Postal Code:	B-7181	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	11503344	
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ATTORNEY DOCKET NUMBER:	F-910	
NAME OF SUBMITTER:	Shirley A. Kopecky	
Total Attachments: 3 source=F910_Assignment#page1.tif source=F910_Assignment#page2.tif source=F910_Assignment#page3.tif		

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REEL: 019905 FRAME: 0498

31223.00140

Client Reference No. F-910

(Moers)

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### ASSIGNMENT

WHEREAS, I, **Marc Moers**, 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 **Device and Method for the Optimization of the Injection of Reactants into a Reactor**, the specification of which was filed **August 9, 2006** and amended by a Preliminary Amendment filed **August 9, 2006**, as a national phase application of International Application No. **PCT/EP2005/050627**, with an international filing date of **February 14, 2005**, and having been assigned application serial no. **11/503,344**.

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.

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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 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 30 day of october, 2006.



Marc Moers

Notary Stamp:

Le soussigné Denis GILBEAU, notaire  
résidant à 7170 Manag, certifie  
la signature apposée ci-avant de  
M. *Marc Moers*

Fait à Manag, le 30/10/06



07.11.07

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

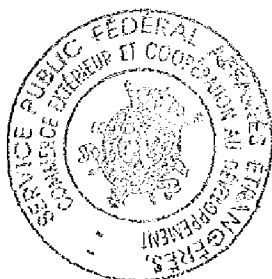
Brussel/Bruxelles/Brüssel

15/06/2007

**Gilbeau, Denis**

**N° 9805070615258659**

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Lacroix Nathalie

**PATENT**

**RECORDED: 10/02/2007**

**REEL: 019905 FRAME: 0501**