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Name of conveying party(ies)	2. Name and address of receiving party(ies)					
RAZAVI, Abbas CARPENTIER, Jean-Francois	Name: Fina Technology, Inc.					
KIRILLOV, Evgueni	Internal Address: P.O. Box 674412					
Additional name(s) of conveying party(ies) attached? Yes 🗸 No	Houston, Texas 77267-4412					
3. Nature of conveyance/Execution Date(s):	Street Address: 1201 Louisiana Street, Suite 1800					
Execution Date(s) 03/23/07; 05/08/07; and 05/09/07						
✓ Assignment Merger ☐ Security Agreement Change of Name	City: Houston					
Joint Research Agreement	Ctata: Tayas					
Government Interest Assignment	State: Texas					
Executive Order 9424, Confirmatory License	Country: USA Zip:77002					
✓ Other Correct Serial No. and Filing Date	Additional name(s) & address(es) attached? ☐ Yes ☑ No					
A. Patent Application No.(s) 10/548,506 (Docket No. F-868) Additional numbers att	B. Patent No.(s) ached? □Yes ✓ No					
5. Name and address to whom correspondence	6. Total number of applications and patents					
concerning document should be mailed:	involved: 1					
Name: David J. Alexander	7. Total fee (37 CFR 1.21(h) & 3.41) \$_40					
Internal Address: Fina Technology, Inc.	Authorized to be charged by credit card					
P. O. Box 674412, Houston,Texas 77267	Authorized to be charged to deposit account					
Street Address: 1201 Louisiana Street, Suite 1800	Enclosed None required (government interest not affecting title)					
City: Houston	8. Payment Information					
State: Texas Zip:77002	a. Credit Card Last 4 Numbers					
Phone Number:713-483-5365	Expiration Date					
Fax Number: 713-483-5384	b. Deposit Account Number 03-3345					
Email Address:	Authorized User Name					
9. Signature:						
Signature						
	Total number of pages including cover sheet, attachments, and documents:					

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450 TDec. 11. 2007 11:37AM Total_Petrochemicals USA Inc. PAGE 4/005 No. 1139 SeP. 7/19

):FINA TECHNOLOGY, INC., DAVID J. ALEXANDER COMPANY:P.O. BOX 4412

			PATENT ASSIGNMENT	
Electronic Version v Stylesheet Version v			10/26/2007 500384435	
SUBMISSION TYPE: NEW ASSIGNMENT				
NATURE OF CONVEYANCE: ASSIGNMENT				
CONVEYING PARTY	DATA			
<u> </u>		N	lame	Execution Date
Abbas Razavi		<u> </u>	······	03/23/2007
Jean-Francois Carpe	ntier			05/08/2007
Evgueni Kirillov			<u> </u>	05/09/2007
RECEIVING PARTY I	DATA			
Name:	TOTAL PETE	ROCHE	MICALS RESEARCH FELUY	
Street Address:	Zone Industri	elle C		
City:	Sensific (Feluy)			
State/Country:	BELGIUM			
Postal Code:	B-7181			
PRÓPERTY NUMBER	RS Total: 1	_		
Property Type		Number		
Application Number:			3560	
CORRESPONDENCE	DATA			
Fax Number: (713)483-5384 Correspondence will be sent via US Mail when the fax attempt is unsuccessful. Phone: 713-483-5379 Email: elaine.barnett@total.com Correspondent Name: FINA TECHNOLOGY, INC.,David J. Alexander Address Line 1: P.O. Box 4412 Address Line 4: Houston, TEXAS 77267-4412				
ATTORNEY DOCKET NUMBER:		F-868	<u></u>	
NAME OF SUBMITTER:		Shirley A. Kopecky	······································	
Total Attachments: 8 source=F868_Assignr source=F868_Assignr			<u> </u>	

 $_{t}Dec. 11. 2007 11:37AM$ 5/005 No. 1139 Sec. 8/19 Total Petrochemicals USA Inc.

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PATENT

REEL: 020239 FRAME: 0327

31223.00094 F-868 (Razavi/Carpentier/Kirillov) **PATENT**

ASSIGNMENT

WHEREAS, We, ABBAS RAZAVI, resident of Mons, Belgium, JEAN-FRANÇOIS CARPENTIER, resident of Acigne, France, and EVGUENI KIRILLOV, of Erlangen, Germany, 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 GROUP IIIB METAL COMPLEXES WITH "CONSTRAINED GEOMETRY" FLUORENYL BASED LIGANDS, the specification of which was filed September 6, 2005 and amended by a Preliminary Amendment filed September 6, 2005, as a national phase application of International Application No. PCT/EP2004/002378, with an international filing date of March 4, 2004, and having been assigned application serial no. 10/548,506.

AND WHEREAS, TOTAL PETROCHEMICALS RESEARCH FELUY, a corporation of Belgium having offices at Zone Industrielle C, B-7181 Seneffe (Feluy), Belgium (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring our 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, we 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 we hereby authorize and request the Commissioner of Patents to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to the ASSIGNEE of our entire right, title and interest.

We 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 we 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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31223.00094 F-868 (Razavi/Carpentier/Kirillov) PATENT

We hereby further agree that we will communicate to ASSIGNEE, or to its successors, assigns, and legal representatives, any facts known to us 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 23 day of March , 2006. 2007

ABBAS RAZAVI

Notary Stamp:

Le soussigné Denis GILBEAU, notaire

résidant à 7170 Manage, certifie

la signature apposée ci-avant de

M 2 A 5 5 cm Razar

Fait à Manage, le 23/63/07

Executed this _____ day of ______, 2006

JEAN-FRANÇOIS CARPENTIER

Notary Stamp:

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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: Nota 4. Est revêtu du sceau / timbre de:

Notaire Manage

<u>Attesté</u> 5. A Bruxelles

6. Le: 17/09/2007

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

8. Sous le n°: 9805070917704558

9. Scezu/timbre:

10. Signature:

Carole Me



REEL: 020239 FRAME: 0330

31223.00094 F-868 (Razavi/Carpentier/Kirillov)	PATENT
Executed this day of	, 2006.
Notary Stamp:	EVGUENI KIRILLOV

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31223,00094 F-868 (Razavi/Carpentier/Kirillov) **PATENT**

ASSIGNMENT

WHEREAS, We, ABBAS RAZAVI, resident of Mons, Belgium, JEAN-FRANÇOIS CARPENTIER, resident of Acigne, France, and EVGUENI KIRILLOV, of Erlangen, Germany, 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 GROUP IMB METAL COMPLEXES WITH "CONSTRAINED GEOMETRY" FLUORENYL BASED LIGANDS, the specification of which was filed September 6, 2005 and amended by a Preliminary Amendment filed September 6, 2005, as a national phase application of International Application No. PCT/EP2004/002378, with an international filing date of March 4, 2004, and having been assigned application serial no. 10/548,506.

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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, we 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 we hereby authorize and request the Commissioner of Patents to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to the ASSIGNEE of our entire right, title and interest.

We 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 we 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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Dec. 11. 2007 p. 11:38 AM Total Petrochemicals USA Inc.

No. 1139_{CEN}P. 18/19

F-868

(Razavi/Carpentier/Kirillov)

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Executed this day o	f, 2006.	
	ABBAS RAZAVI	
Notary Stamp:		

Executed this day of May, 2006.

JEAN-FRANÇOIS CARPENTIER

Notary Stamp:

L chasigne Cenis Gilbeau, notaire réa dans à 7170 Manage, certifie la cignature apposée ci-avant de Ni 2 f Carpenton

Fair à Manage, le 53/05/06



31223.00094

F-868

(Razavi/Carpentier/Kirillov)

PATENT

Executed this 00 day of way

Notary Stamp:

..e soussigné Denia GILBE£3, notaire résidant à 7170 Manage, certifie la signature apposée ci-avant de M 2 Enguen Kirillov

Fait à Manage, le 03/05/06



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RECORDED: 12/11/2007