

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>Fabrice DIEHL</td> <td>02/22/2013</td> </tr> <tr> <td>Anne GRIBOVAL-CONSTANT</td> <td>02/26/2013</td> </tr> <tr> <td>Andrei KHODAKOV</td> <td>02/22/2013</td> </tr> <tr> <td>Alan JEAN-MARIE</td> <td>02/23/2013</td> </tr> <tr> <td>Eric MONFLIER</td> <td>03/06/2013</td> </tr> </tbody> </table>		Name	Execution Date	Fabrice DIEHL	02/22/2013	Anne GRIBOVAL-CONSTANT	02/26/2013	Andrei KHODAKOV	02/22/2013	Alan JEAN-MARIE	02/23/2013	Eric MONFLIER	03/06/2013
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>IFP ENERGIES NOUVELLES</td> </tr> <tr> <td>Street Address:</td> <td>1 & 4 AVENUE DE BOIS PREAU</td> </tr> <tr> <td>City:</td> <td>RUEIL-MALMAISON CEDEX</td> </tr> <tr> <td>State/Country:</td> <td>FRANCE</td> </tr> <tr> <td>Postal Code:</td> <td>92852</td> </tr> </table>		Name:	IFP ENERGIES NOUVELLES	Street Address:	1 & 4 AVENUE DE BOIS PREAU	City:	RUEIL-MALMAISON CEDEX	State/Country:	FRANCE	Postal Code:	92852		
Name:	IFP ENERGIES NOUVELLES												
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<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13812701</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13812701								
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CORRESPONDENCE DATA													
<p>Fax Number: 7032436410 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 703-243-6333 Email: mail@mwzb.com Correspondent Name: Millen, White, Zelano & Branigan - AMB Address Line 1: 2200 Clarendon Blvd. Address Line 2: Suite 1400 Address Line 4: Arlington, VIRGINIA 22201</p>													
ATTORNEY DOCKET NUMBER:	PET-2843												
NAME OF SUBMITTER:	Harry B. Shubin												

OP \$40.00 13812701

Signature:	/Harry B. Shubin/
Date:	04/04/2013
Total Attachments: 5 source=ASSIGNMENT#page1.tif source=ASSIGNMENT#page2.tif source=ASSIGNMENT#page3.tif source=ASSIGNMENT#page4.tif source=ASSIGNMENT#page5.tif	

6199

ASSIGNMENT

ATTY. DOCKET NO. PET-2843

WHEREAS the below named inventor (if only one inventor is named below) or inventors (if plural inventors are named below) hereinafter referred to as the ASSIGNOR invented a certain improvement(s) relating to

PROCESS FOR SYNTHESIZING C5+ HYDROCARBONS IN THE PRESENCE OF A CATALYST PREPARED USING AT LEAST ONE CYCLIC OLIGOSACCHARIDE

and for which one or more of the following apply:

- U.S. Provisional Application Serial No. _____ was filed in the United States Patent and Trademark Office on _____
- A U.S. Non-Provisional
 - application for Letters Patent to be filed in the United States Patent and Trademark Office was executed on even date.
 - Application Serial No. 13/812,701 for Letters Patent was filed in the U.S. Patent and Trademark Office on January 28, 2013.
 - as International Application No. PCT/FR2011/000369 was filed on June 24, 2011, designating the United States.

AND WHEREAS

IFP ENERGIES NOUVELLES
 1 & 4 AVENUE DE BOIS PREAU
 92852 RUEIL-MALMAISON CEDEX
 FRANCE

hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and all application(s) listed above, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations and extensions thereof.


NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application(s), including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, and in and to any and all U.S. (including provisional) or foreign priority and/or convention rights or benefits accruing or to accrue with respect to the filing or securing of patents in the United States and/or any countries foreign thereto concerning said invention, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and application, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, including the right to sue for damages occurring before the assignment, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made.

AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to execute any other papers that may be needed in connection with filing said applications and securing Letters Patents thereon.

AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.

The undersigned hereby grant(s) the law firm of Millen, White, Zelano & Branigan, P.C. the power to insert on this assignment information which may be necessary or desirable in order for the United States Patent and Trademark Office to properly record this document.

IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR

201 FULL NAME OF SOLE OR FIRST NAMED INVENTOR	INVENTOR'S SIGNATURE	DATE
Fabrice DIEHL		02/22/2013
202 FULL NAME OF SECOND JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Anne GRIBOVAL-CONSTANT		
203 FULL NAME OF THIRD JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Andrei KHODAKOV		
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Anne GRIBOVAL-CONSTANT		26/02/2013
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Andrei KHODAKOV		
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Andrsi KHODAKOV	<i>Khodakov</i>	22/02/2013
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Andreï KHODAKOV		
204 FULL NAME OF FOURTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Alan JEAN-MARIE	A. JEAN-MARIE	02-23-2013
205 FULL NAME OF FIFTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Eric MONFLIER		

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IFF ENERGIES NOUVELLES
1 & 4 AVENUE DE BOIS PREAU
92852 RUEIL-MALMAISON CEDEX
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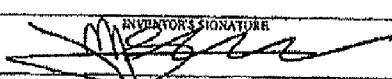
NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application(s), including any and all divisions and continuations thereof, and any and all U.S. (including provisional) or foreign priority and/or convention rights or benefits accruing or to accrue with respect to the filing or securing of patents in the United States and/or any countries foreign thereto concerning said invention, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and application, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, including the right to sue for damages occurring before the assignment, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made.

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Eric MONPLIER		6 March 2013

PATENT