502298521 04/04/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

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

RECEIVING PARTY DATA

Name:	IFP ENERGIES NOUVELLES	
Street Address:	1 & 4 AVENUE DE BOIS PREAU	
City:	RUEIL-MALMAISON CEDEX	
State/Country:	FRANCE	
Postal Code:	92852	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13812701

CORRESPONDENCE DATA

7032436410 Fax Number:

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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

ATTORNEY DOCKET NUMBER:	PET-2843
NAME OF SUBMITTER:	Harry B. Shubin
	PATENT

Ш **REEL: 030150 FRAME: 0130** 502298521

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	

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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

acio juj Wi	men one of	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. No	on-Provisional	
		as International Application No.	o be filed in the United States Patent and Trademark Office was executed on even date. Of for Letters Patent was filed in the U.S. Patent and Trademark Office on January 28, 2013. PCT/FR2011/000369 was filed on June 24, 2011, designating the United States.
	AND WH		
		1 & 4 AVENL	S NOUVELLES JE DE BOIS PREAU -MALMAISON CEDEX

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), reissues, reexaminations and extensions thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, 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 (U.S. and foreign),divisions and continuations thereof, any and all Letters Patent which may be granted therefor, including any and all earlier priority rights reexaminations and extensions thereof, any and all Letters Patent which may be granted therefor, including any and all earlier priority rights reexaminations and extensions thereof, including the right to sue for damages occurring before the assignment, with all the rights, powers, privileges and and all renewals, reissues, reexaminations and extensions thereof, for and during the term or terms of any and all such Letters Patent when granted, including any 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 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

DATE
02/22/2013
DATE

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Ø	A U.S. Non-Provisional					
		application for Letters Patent to Application Serial No. 13/812,701 as international Application No. P	for Letters Patent wa	s filed in the U.S. Potent on	d Trademark Office on J	anuary 28, 2013.
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horeins includir thereon	ler referred g any and including	l to as the ASSIGNEE, is desirons all earlier priority rights (U.S. a any and all renewals, roissuos, rea	of acquiring the enti nd foreign), division caminations and exte	re right, title, and interest s and continuations there usions thereof.	in and to sald invention of, and way and all La	n and all application(s) listed above, elters Patent which may be granted
A) Inventio	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 applications, including any and all divisions and confinuations thereof, and any und all Letters Patent which may be greated therefor, holdeding any and all renewals, reissues, reexaminations and extensions thereof, and in and to any and all U.S. (holdeding provisional) or foreign priority and/or convention rights or benefits accruling or to accence with respect to the filling or securing of patents in the United States and/or any countries foreign discrete concerning said invention, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and application, including any and all entire priority rights (U.S. and foreign) divisions and continuations thereof, any and all Letters Patent which may be greated therefor, including any and all renewals, reissues, reexaminations 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 tensor of any and all such Letters Patent when granted, including my and all renewals, release animations 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 hold 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					
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		in test	MONY WHEREOF	his assignment is executed	by assignor	
201 FUE	L NAME OF S	ole or first named inventor	1	anventor's 5	ONATURE	DAYE
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207 FUL	L HAME OF S	ECOND JOINT INVENTOR		SEA EN LONG SE	GNATURE)	DAYE
t		AL-CONSTANT		E W	paur 5	26/02/2013
1		igro joint inventor		inventor's s	IOXATURE	DATE
Andre	KHODY	KOV				

ENVENTOR'S SIGNATURE

INVENTOR'S SIGNATURE

104 FULL NAME OF FOURTH JOINT INVENTOR

Alan JEAN-MARIE
103 TOLL NAME OF FIFTH HOINT INVENTOR

Eric MONFLIER

ASSIGNMENT

ATTY, DOCKET NO. PET-2843

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and for	which one	or more of the following apply:
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×	A U.S.	Non:Provisional
		application for Letters Prient 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. PCI/FR2011/000369 was filed on June 24, 2011, designating the United States.
	AND V	VHEREAS IFP ENERGIES NOUVELLES I & 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.

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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 ASSIGNER, 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.

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IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR

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INVENTOR'S SIGNATURE	DATE
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INVENTORS SIGNATURE	DATE
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ASSIGNMENT

ATTY, DOCKET NO. PET-2843

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A U.S. Non-Provisional application for Letters Potent to be filed in the Visited Section Detection for Letters Potent to be filed in the Visited Section Detection for Letters Potent to be filed in the Visited Section Detection for Letters Potent to be filed in the Visited Section Detection for Letters Potent to be filed in the Visited Section Detection for Letters Potent to be filed in the Visited Section Detection for Letters Potent to be filed in the Visited Section Detection for Letters Potent to be filed in the Visited Section Detection for Letters Potent to be filed in the Visited Section Detection for Letters Potent to be filed in the Visited Section Detection for Letters Potent to be filed in the Visited Section Detection for Letters Potent to be filed in the Visited Section Detection for Letters Potent to be filed in the Visited Section Detection for Letters Potent to be filed in the Visited Section Detection for Letters Potent for Detection Detection Detection Detection for Letters Potent for Detection Detectio	A U.S. Non-Provisional		The state of	
	to be filed in the United States Patent and Trademark Office was executed on even date of for Letters Patent was filed in the U.S. Patent and Trademark Office on January 28, 2013 PCT/FR2011/000369 was filed on June 24, 2011, designating the United States			
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IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR

FULL NAME OF SOLE OR FIRST NAMED INVENTOR REPLECTED FOR THE STREET NAMED INVENTOR	INVENTOR'S SIGNATURE	DAVE
		1
02 FELL NAME OF SECOND JOINT INVENTOR		
Anne GRIBOVAL-CONSTANT	INVENTOR'S SIGNATURE	DATE
03 FULL WASSE OF THIRD JOINT INVENTOR		
Andrei KHODAKOV	INVENTOR'S SIGNATURE	DATE
M FULL NAME OF FOURTH JOINT INVENTOR		4
Man JEAN-MARIE	ANYENTOR'S SIGNATURE	DATE
DS FULL NAME OF FIFTH JOINT INVENTOR	H. JEAN-MARIE	02-23-2013
	INVENTOR'S SIGNATURE	100-63-6013
iric MONFLIER	The state of the s	DATE
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ASSIGNMENT

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Fabrice DIEHL		
101 FIFL HAME OF SECOND IOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Aune GRIBOVAL-CONSTANT		
20) FULL NAME OF THEO SOLKE INVENTOR	ANTENDIZ ZROTNIEVAL	DATE
Andrei KHODAKOV		
204 FULL NAME OF FOURTH JOINT INVENTION	INVENTOR'S SIGNATURE	DATE
Alan JEAN-MARIE		
103 FULL NAME OF PIFTITIOINT INVENTOR	A AND AND AND AND AND AND AND AND AND AN	DATE
Erlo MONPLIER		6 March 2013

PATENT

REEL: 030150 FRAME: 0136

RECORDED: 04/04/2013