# 503590030 12/01/2015 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3636660

UBMISSION TYPE: NEW ASSIGNMENT			
NATURE OF CONVEYAN	ANCE: ASSIGNMENT		
CONVEYING PARTY DA	ТА		
	Name	Execution Date	
HELOISE DREUX		11/06/2015	
ROMINA DIGNE		11/06/2015	
FREDERIC FEUGNET		11/06/2015	
JEAN-MICHEL BESNAULT		11/17/2015	
GEOFFREY DUBIN		11/17/2015	
RECEIVING PARTY DAT Name:	A IFP ENERGIES NOUVELLES		
Street Address:	t Address: 1 ET 4 AVENUE DE BOIS PREAU		
City:	RUEIL-MALMAISON		
State/Country: FRANCE			
Postal Code:	92852		

## **PROPERTY NUMBERS Total: 1**

Name:

City:

Street Address:

State/Country:

Postal Code:

Property Type	Number
Application Number:	14877471

RUEIL-MALMAISON

89 BD FRANKLIN ROOSEVELT

AXENS

FRANCE

92508

## **CORRESPONDENCE DATA**

Fax Number:(703)243-6410Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.		
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-3047	
NAME OF SUBMITTER:	AUBREY M. BROOKS	
SIGNATURE:	/Aubrey M. Brooks/	
DATE SIGNED:	12/01/2015	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 5		
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source=DIGNE#page1.tif		
source=FEUGNET#page1.tif		
source=BESNAULT#page1.tif		
source=DUBIN#page1.tif		

DECLARATION (37 CFR 1	.63) FOR UTILITY OF	3 DESIGN APPLICATION	USING AN
APPLICATION DATA SHE	ET (37 CFR 1.76) ANI	) ASSIGNMENT FOR MI	LTIPLE ASSIGNEES

Title of	PROCESS FOR DESULFURIZING CRACKED NAPHTHA		
Invention	TROCESS FOR DESCEI CREARS CRACKED RATHINA		
LUVERIDA			
As the below nan	ext inventor, I hereby declare that:		
	proved and a second s		
This declaration	The attached application, or		
is directed to:	United States Application or PCT International Application number 14/877.471 filed on 10/07/2015		
The above-identified application was made or authorized to be made by me.			
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.			
A NOT YOUNDARY LO			
AND WHEREAS			
	IFP Energies Nouvelles		
	ž.		

Axens hereinaiter referred to as the ASSIGNEES, is desirous of acquiring the entire right, title, and interest in and to said invention and all patent(s) listed above, including any and all earlier priority rights (U.S. and foreign), divisions and commutations thereof, including any and all renewals, reissues, reexaminations and extensions thereof.

NOW, WTTNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEES, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and patent(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 ASSIGNEES, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and patent, including any and all carlier 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, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of 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 sold ASSIGNEES, its assigns and legal representatives and to execute any other papers that may be needed in connection with securing Letters Patents thereon.

AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on any and all divisions and continuations thereof, to ASSIGNEES, 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 desitable in order for the United States Patent and Trademark Office to properly record this document.

#### IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR

I hereby acknowledge that any willful false statement made in this doubaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

LEGAL NAN Inventor:	AE OF INVENTOR Heloise DREUX	Date:	06 <sup>th</sup> November	2015
Signature:	- Jacustic			

MILLEN, WHITE, ZELARO & BRANGAS, P.C. ATTORNEYS AT LAW ARLINGTON COURTHOUSE PLAZA 2200 CLARENDON BOULEVARD | SUITE 1400 | ARLINGTON VA 2220 ] TELEFHONE: 703.243,6333 | PAX: 703.243,6410 EMAG.: MAEC@MWZB.COM

DOCKET NO.: PET-3047

## PATENT REEL: 037175 FRAME: 0539

DECLARAT	ION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN	
	ON DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR MULTIPLE ASSIGNEES	
Title of Invention	PROCESS FOR DESULFURIZING CRACKED NAPHTHA	
As the below nan	ned inventor, I hereby declare that:	
This declaration	The attached application, or	
is directed to:	United States Application or PCT International Application number 14/877.471 filed on 10/07/2015	
The above-identi	fied application was made or authorized to be made by me.	
I believe that I an	n the original inventor or an original joint inventor of a claimed invention in the application.	
AND WHEREAS		
	IFP Energies Nouvelles &	
	Axens	
all patent(s) listed	ed to as the ASSIGNEES, is desirous of acquiring the entire right, title, and interest in and to said invention and above, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, all renewals, reissues, reexaminations and extensions thereof.	
thereof, and in an to accrue with res- invention, SAID including any and which may be gra- right to sue for da arising from or ap renewals, reissues representatives, ib enjoyed the same	tent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions d to any and all U.S. (including provisional) or foreign priority and/or convention rights or benefits accruing or spect to the filling or securing of patents in the United States and/or any countries foreign thereto concerning said ASSIGNEES, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and patent, i all earlier priority rights (U.S. and foreign),divisions and continuations thereof, any and all Letters Patent inted therefor, including any and all renewals, relistues, reexaminations and extensions thereof, including the images occurring before the assignment, with all the rights, powers, privileges and advantages in anywise spectaining thereto, for and during the term or terms of any and all such Letters Patent, including any and all s, reexaminations and extensions thereof, for the use and benefit of ASSIGNEES and its assigns and legal a as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and , 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 ASSIGNEES, its assigns and legal representatives and to execute any other papers that may be needed in connection with securing Letters Patents thereon.		
	SSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on one and continuations thereof, to ASSIGNEES, its assigns and legal representatives, in accordance herewith.	
	dersigned hereby grant(s) the law firm of Millen, White, Zelano & Branigan, P.C. the power to insert on this nation which may be necessary or desirable in order for the United States Patent and Trademark Office to his document.	
	IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR	
	y acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by sent of not more than five (5) years, or both.	
LEGAL NAME	JF INVENTOR	
Inventor: I	Comina DIGNE Date: <u>11/06/15</u>	
Signature:		
	MELEN, WHITE, ZELANG & BRARDGAN, P.C. ATTORNEYS AT LAW	

ATTORGEYS AT LAW ARDINGTON COUPTOIOUSE PLAZA 2200 CLABENDON BOOLEVARO | SUITE 1400 | ARLINGTON VA 22201 TELEPHONE: 703.243.6533 | FAX: 703.243.6410 EMAIL: MAIL® MWZB.COM

DOCKET NO.: PET-3047

# PATENT REEL: 037175 FRAME: 0540

	ON (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN ON DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR MULTIPLE ASSIGNEES
Title of Invention	PROCESS FOR DESULFURIZING CRACKED NAPHTHA
As the below nan	ned inventor, I hereby declare that:
This declaration	
is directed to:	Chited States Application or PCT International Application number <u>14/877.471</u> filed on <u>10/07/2015</u>
	fied application was made or authorized to be made by me.
	the original inventor or an original joint inventor of a claimed invention in the application.
AND WHEREAS	5
	IFP Energies Nouvelles
	Axees
all patent(s) listed	ed to as the ASSIGNEES, is desirous of acquiring the entire right, title, and interest in and to said invention and I above, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, I all renewals, reissues, reexaminations and extensions thereof.
there of, and in an to accrue with res- invention, SAID . including any and which may be gri- right to sue for da- arising from or ap renewals, reissue- representatives, in enjoyed the same AND A	tent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions d to any and all U.S. (including provisional) or foreign priority and/or convention rights or benefits accruing or spect to the filing or securing of patents in the United States and/or any countries foreign thereto concerning said ASSIGNEES, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and patent, I all earlier priority rights (U.S. and foreign), divisions and continuations thereof, any and all Letters Patent and therefor, including any and all renewals, reissues, reexaminations and extensions thereof, including the images occurring before the assignment, with all the rights, powers, privileges and advantages in anywise spectaining thereto, for and during the term or terms of my and all such Letters Patent, including any and all s, reexaminations and extensions thereof, for the use and benefit of ASSIGNEES and its assigns and legal i as ample and beneficial a manner to all ments and purposes as the ASSIGNOR might or could have held and , if the assignment had not been made. SSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States
and foreign count execute any other	ries for said invention and to assign the same to said ASSIGNUES, its assigns and legal representatives and to papers that may be needed in connection with securing Letters Patents thereon.
AND A any and all divisi	SSIGNOR authorizes and requests the Commissioner of Entonis and Trademarks to issue a Letters Patent on ans and commutations thereof, to ASSIGNEES, its assignation legal representatives, in accordance herewith.
	fersigned hereby grant(s) the law firm of Millon, White, Zelano & Brunigan, P.C. the power to insert on this nation which may be necessary or desirable in order for the United States Patent and Trademark Office to its document.
	IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR
	y acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by ient of not more than five (5) years, or both.
LEGAL NAME (	redenic PEUGNET Dure: 11 10 0 1 15
Signature:	- Jangen .
	MILLEN, WHITE, ZELANG & BRAMIGAN, P.C. Autorneys at Law Arlington Courthousi Plaza
	2200 CLARENDON BODLENARO I SOITE 1400 I ARLINGTON VA 22201 Telephone: 703.243.6333 I Fax: 703.243.6410 Email: mail@mwzb.com

DOCKET SO.: PET-3947

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# PATENT REEL: 037175 FRAME: 0541

### DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR MULTIPLE ASSIGNEES

Title of Invention	PROCESS FOR DESULFURIZING CRACKED NAPHTHA	
As the below nan	ed inventor. I hereby declare that:	
This declaration	The stached application, or	
is directed to:	United States Application or PCT International Application number 14/877.471 filed on 10/07/2015	
The above-identit	led application was made or authorized to be made by me.	
I believe that I an	the original inventor or an original joint inventor of a claimed invention in the application.	
AND WHEREAS		
	IFP Energies Nouvelles	
	le la construcción de la	
	Axens	
hereinafter referre	d to as the ASSIGNEES, is desirous of acquiring the entire right, title, and interest in and to said invention and	
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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

LEGAL NAME OF INVENTOR			
Investor:	Jean-Michel BESNAULT	Date:	<u>A7/11/25</u>
Ø2 marshore and	C. Ballan		-
alguanues:	and the second se		

MBLEN, WRITE, ZELANO & BRANBGAN, P.C. Attorneys at Law Arlington Courthouse Plaza 2200 Clarendon Boulevard | Suite 1400 | Arlington VA 22201 Telephone: 703.243.6333 | Fax: 703.243.6410 Email: mail:@mw2b.com

BOCKET NO.: PET-3047

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# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR MULTIPLE ASSIGNEES

·	
Title of Invention	PROCESS FOR DESULFURIZING CRACKED NAPHTHA
As the below name	d inventor, I hereby declare that:
This declaration	The attached application, or
is directed to:	United States Application or PCT International Application number 14/877,471 filed on 10/07/2015
The above-identifie	ed application was made or authorized to be made by me.
I believe that I am	the original inventor or an original joint inventor of a claimed invention in the application.
AND WHEREAS	
all patent(s) listed :	IFP Energies Nouvelles & <u>Axens</u> I to as the ASSIGNEES, is desirous of acquiring the entire right, title, and interest in and to said invention and above, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, 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 ASSIGNEES, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and patent(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 ASSIGNEES, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and patent, including any and all carber 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, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNEES and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNEES and its assigns and legal	

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******					
LEGAL NAME OF INVENTOR				i i su a come de la come des	ent and
Inventor:	Geoffrey DUBIN		Date:	NOVEMSELL	4.00
Signature:	Buffs	nuli			

MILLEN, WHITE, ZELANO & BRANIGAN, P.C. ATTORNEYS AT LAW ARLINGTON COURTHOUSE PLAZA 2200 CLARENDON BOULEVARD (SUITE 1400 (ARLINGTON VA 2220) TELEPHONE: 703.243.6333 (FAX: 703.243.6410 EMAIL: MAIL@MWZB.COM

DOCKET NO.: PET-3047

## PATENT REEL: 037175 FRAME: 0543

**RECORDED: 12/01/2015** 

enjoyed the same, if the assignment had not been made.