10/04/2018 505127386

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5174148

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
AUDREY BONDUELLE	08/24/2018
ALEXANDRA CHAUMONNOT	08/27/2018
DAMIEN DELCROIX	08/28/2018
CHRISTOPHE VALLEE	08/24/2018
SOUAD RAFIK-CLEMENT	08/27/2018
SEVERINE FORGET	08/27/2018

#### **RECEIVING PARTY DATA**

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

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15749298

#### **CORRESPONDENCE DATA**

Fax Number: (703)243-6410

Correspondence 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 mail@mwzb.com Email:

MILLEN, WHITE, ZELANO & BRANIGAN - AMB **Correspondent Name:** 

Address Line 1: 2200 CLARENDON BLVD.

Address Line 2: **SUITE 1400** 

Address Line 4: ARLINGTON, VIRGINIA 22201

ATTORNEY DOCKET NUMBER:	PET-3212
NAME OF SUBMITTER:	AUBREY M. BROOKS
SIGNATURE:	/Aubrey M. Brooks/
DATE SIGNED:	10/04/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

PAIENI

REEL: 047072 FRAME: 0648 505127386

# Total Attachments: 6 source=PET-3212\_DualDecAssignment#page1.tif source=PET-3212\_DualDecAssignment#page2.tif source=PET-3212\_DualDecAssignment#page3.tif source=PET-3212\_DualDecAssignment#page4.tif source=PET-3212\_DualDecAssignment#page5.tif

source=PET-3212\_DualDecAssignment#page6.tif

Title of Invention	OLEFIN METATHESIS METHOD USING A CATALYST CONTAINING SILICON AND MOLYBDENUM INCORPORATED BY MEANS OF AT LEAST TWO PRECURSORS
As the below nam	ned inventor, I hereby declare that:
This declaration	The attached application, or
is directed to:	United States Application or PCT International Application number <u>PCT/EP2016/067830</u> filed on July 26, 2016
The above-identif	ied 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.
all patent(s) listed	IFP Energies Nouvelles 1 et 4 avenue de Bois Preau 92852 Rueil-Malmaison Cedex France d to as the ASSIGNEE, 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.
ASSIGNOR herel right, title and inte and all Letters Pat thereof, and in and to accrue with resinvention, SAID / including any and which may be grainight to sue for data atising from or aprenewals, reissues representatives, in	WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, by assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive erest in and to said invention and patent(s), including any and all divisions and continuations thereof, and any tent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions it to any and all U.S. (including provisional) or foreign priority and/or convention rights or benefits accraing or pect to the filing or securing of patents in the United States and/or any countries foreign thereto concerning said ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and patent, all carlier priority rights (U.S. and foreign), divisions and continuations thereof, any and all Letters Patent inted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, including the mages occurring before the assignment, with all the rights, powers, privileges and advantages in anywise pertaining thereto, for and during the term or terms of any and all such Letters Patent, including any and all , reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal 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 foreign countr	SSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States ries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to papers that may be needed in connection with securing Letters Patents thereon.
AND A! any and all divisio	SSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on one and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.
The und assignment inform properly record the	ersigned 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 is document.
	IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR
	acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by ent of not more than five (5) years, or both.
LEGAL NAME O	
Inventor: A	
Signature:	Claudulle >

MILLEN, WHITE, ZELANO & BRANIGAN, P.C. ATTORNEYS AT LAW ARLINGTON COURTHOUSE PLAZA 2200 CLARENDON BOULEVARD | SUITE 1400 | ARLINGTON VA 22201 TELEPHONE: 703.243.63331 Fax: 703.243.6410

EMAIL; MAIL@MWZB.COM

DOCKET NO.: PET-3212

MOLYBDENUM INCORPORATED BY MEANS OF AT LEAST TWO PRECURSORS	
ed inventor, I hereby declare that:	
The attached application, or	
United States Application or PCT International Application number PCT/EP2016/067830 filed on July 26, 2016	
ed 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.	
IFP Energies Nouvelles	
VITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, by assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive rest in and to said invention and patent(s), including any and all divisions and continuations thereof, and any ant which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions to any and all U.S. (including provisional) or foreign priority and/or convention rights or benefits accruing or sect to the filing or securing of patents in the United States and/or any countries foreign thereto concerning said assigns and legal representatives to have, hold, exercise, and enjoy said invention and patent, 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 mages occurring before the assignment, with all the rights, powers, privileges and advantages in anywise pertaining thereto, for and during the term or terms of any and all such Letters Patent, including any and all reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal 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 ASSIGNEE, its assigns and legal representatives and to execute any other papers that may be needed in connection with securing Letters Patents thereon.	
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FINVENTOR exandra CHAUMÓNNOT Date: ユンノータントリー	
Thousand Thousand	

Millen, White, Zelano & Branigan, P.C.
Attorneys at Law
Arlington Courthouse Plaza
2200 Clarendon Boulevard | Suite 1400 | Arlington V a 22201
Telephone; 703.243.6333 | Fax: 703.243.6410
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all patent(s) listed	IFP Energies Nouvelles 1 et 4 avenue de Bois Preau 92852 Rueil-Malmaison Cedex France ed to as the ASSIGNEE, 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.
ASSIGNOR hereitight, title and into and all Letters Parthereof, and in an to accure with resinvention, SAID including any and which may be graright to sue for da arising from or aprenewals, reissues representatives, in	WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, by assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive erest in and to said invention and patent(s), including any and all divisions and continuations thereof, and any tent which may be grainted therefor, including any and all renewals, reissues, reexaminations and extensions do any and all U.S. (including provisional) or foreign priority and/or convention rights or henefits accruing or pect to the filing or securing of patents in the United States and/or any countries foreign thereto concerning said ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and patent, all earlier priority rights (U.S. and foreign), divisions and continuations thereof, any and all Letters Patent need therefor, including any and all renewals, reissues, reexaminations and extensions thereof, including the mages occurring before the assignment, with all the rights, powers, privileges and advantages in anywise pertaining thereto, for and during the term or terms of any and all such Letters Patent, including any and all assigns and legal 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.
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LEGAL NAME C	OF INVENTOR _ OP / A LIO
Inventor: D	tamien DELCROIX Date: 28/08/48
Signature:	

MILLEN, WHITE, ZELANO & BRANIGAN, 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@MWZ8.COM

DOCKET NO.: PET-3212

Title of

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LEGAL NAME O	
Inventor: <u>C</u>	hristophe VALLEE Date: Z4/08/18
Signature:	

Millen, White, Zelano & Branigan, P.C.
Attorneys at Law
Arlington Courthouse Plaza
2200 Clarendon Boulevard | Suite 14001 Arlington VA 22201
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Inventor: So	Date: 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Signature:	

Millen, White, Zelano & Branigan, P.C. Attorneys at Law Arlington Courthouse Plaza 2200 Clarendon Bouleyard | Suite 1400 | Arlington VA 22201 Telephone: 703.243.6333 | Fax: 703.243.6410 Email: mail@mwzb.com

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LEGAL NAME O	
Inventor: Se	everine FORGET Date: 1/107/2018
Signature:	A God Comment of the

MILLEN, WHITE, ZBLANO & BRANIGAN, P.C.
ATTORNEYS AT LAW
ARLINGTON COURTHOUSE PLAZA
RENDON BOULEVARD | SUITE 1400 | ARLINGTON VA 2220.
TELEBRIONE: 703-243-6333 | Fay: 703-243-6410

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PATENT

REEL: 047072 FRAME: 0655