### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4179832

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MALIKA BOUALLEG	11/23/2016
ANNE CLAIRE DUBREUIL	11/23/2016
EMILY MAILLE	12/05/2016
CECILE THOMAZEAU	11/24/2016

#### **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:	15317995

#### **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 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-3106
NAME OF SUBMITTER:	AUBREY M. BROOKS
SIGNATURE:	/Aubrey M. Brooks/
DATE SIGNED:	12/12/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).
	•

**Total Attachments: 4** 

source=PET-3106-US-BOUALLEG-ASSIGN#page1.tif source=PET-3106-US-DUBREUIL-ASSIGN#page1.tif source=PET-3106-US-MAILLE-ASSIGN#page1.tif source=PET-3106-US-THOMAZEAU-ASSIGN#page1.tif

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

Title of Invention	MESOPORDES AND MACROPOROES NICKEL-BASED CATALYST HAVING A MEDIAN MACROPORE DIAMETER OF BETWEEN 50 NM AND 280 NM AND ITS USE WITH REGARD TO HYDROGENATION
As the below nam	ed inventor, I hereby declare that:
This declaration	The attached application, or
is directed to:	United States Application or PCT International Application number PCT/EP2015/062816 filed on June 9, 2015
The above-identif	ied 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.
hereinafter referre all patent(s) listed including any and NOW, ASSIGNOR hereinght, title and intended all Letters Pathereof, and in am to accrue with resinvention, SAID including any and which may be graright to sue for da arising from or aprenewals, reissues	
AND A and foreign count	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 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.
	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.
	fersigned 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 also 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 lent of not more than five (5) years, or both.
LEGAL NAME (	OF INVENTOR  Adika BOUALLEG Date: 23/11/14
Inventor: A	Name Date ( )
Signature:	P. S.

MILLEN, WRITE, ZELANO & BRANIGAN, P.C. ATTORNEYS AT LAW AREINGTON COURTHOUSE PLAZA 2200 Clarendon Boolevaro | Suite 1400 | Arlington VA 22201 TELEPHONE: 703.243.6333 | FAX: 703.243.6410

EMAIL: MAIL@MWZB.COM

Effective, September 16, 2012

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

Title of Invention	MESOPOROUS AND MACROPOROUS NICKEL-BASED CATALYST HAVING A MEDIAN MACROPORE DIAMETER OF BETWEEN 50 NM AND 200 NM AND ITS USE WITH REGARD TO HYDROGENATION
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AND WHEREAS	A4444444444444444444444444444444444444
hereinafter referre	IFP Energies Nouvelles  I 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
all patent(s) listed	above, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, all renewals, reissues, reexaminations and extensions thereof.
ASSIGNOR herei right, title and into and all Letters Par thereof, and in an- to accrue with res invention, SAID a including any and which may be gra- right to sue for da arising from or ap renewals, 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 d to any and all U.S. (including provisional) or foreign priority and/or convention rights or benefits 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, it all earlier priority rights (U.S. and foreign), divisions and continuations thereof, any and all Letters Patent anted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, including the amages occurring before the assignment, with all the rights, powers, privileges and advantages in anywise opertaining 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 ASSIGNEE and its assigns and legal in 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 (	DE INVENTOR
Inventor:	Anne-Claire DUBREUIL Date: 23/11/2016
Signature:	SABY A-C

MILLEN, WHITE, ZELANO & BRANIGAN, P.C. ATTORNEYS AT LAW ARLINGTON COURTHOUSE PLAZA 2200 CLARENDON BOULEVARD | SCITE 1400 | ARLINGTON VA 22201 TELEPHONE: 703.243.6333 | FAX: 703.243.6410 EMAIL: MAIL@MWZ8.COM

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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	
Inventor:	Emily MAILLE Date: 5/12/2016
Signature:	<u> </u>

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

Effective, September 16, 2012

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ASSIGNOR here right, title and int and all Letters Pa thereof, and in an to accrue with res invention, SAID including any and which may be granght to sue for dearising from or agreenewals, 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 trenewals, reissues, reexaminations and extensions at 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 ASSIGNEE, 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 communitions thereof, any and all Letters Patent unted 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 opertuning 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 ASSIGNEE and its assigns and legal as a simple 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	OF INVENTOR
Inventor:	Cecile THOMAZEAU Date: Notember 14th 206
Signature:	Trongear

Millen, White, Zelano & Branigan, P.C.
Attorneys at Law
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2200 Clarendon Boulevard | Scite 1400 | Arlington V A 2220 |
Telephone: 703.243.6333 | Fax: 703.243.6410
Email: mail@mwzblcom

Effective, September 16, 2012

PATENT REEL: 040705 FRAME: 0321

**RECORDED: 12/12/2016**