

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5650238

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BENJAMIN AMBLARD	06/25/2019
SINA TEBIANIAN	07/11/2019
LUDOVIC RAYNAL	06/20/2019
THIERRY GAUTHIER	06/20/2019
JEAN-FRANCOIS LE COZ	06/19/2019
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:	16429730
CORRESPONDENCE DATA	
Fax Number:	(703)243-6410
<i>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.</i>	
Phone:	703-243-6333
Email:	mail@mwzb.com
Correspondent Name:	MILLEN, WHITE, ZELANO & BRANIGAN-AEW
Address Line 1:	2200 CLARENDON BLVD.
Address Line 2:	SUITE 1400
Address Line 4:	ARLINGTON, VIRGINIA 22201
ATTORNEY DOCKET NUMBER:	PET-3335
NAME OF SUBMITTER:	ASHLEY BROOKSHIRE
SIGNATURE:	/Ashley Brookshire/
DATE SIGNED:	08/02/2019
This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 5

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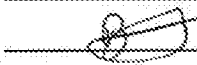
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**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE**

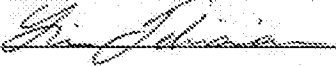
Title of Invention	DEVICE FOR DISTRIBUTING A POLYPHASE MIXTURE IN A CHAMBER CONTAINING A FLUIDIZED MEDIUM
As the below named inventor, I hereby declare that:	
This declaration	<input type="checkbox"/> The attached application, or <input checked="" type="checkbox"/> United States Application or PCT International Application number <u>16/429,730</u> filed on is directed to: <u>June 3, 2019</u>
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.	
AND WHEREAS	
<div style="border: 1px solid black; padding: 5px;"> IFP Energies nouvelles 1 & 4 Avenue de Bois Preau 92852, Rueff-Malmaison Cedex, France </div>	
hereinafter referred 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, including any and all renewals, reissues, reexaminations and extensions thereof.	
<p>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 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 ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and patent, 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, 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.</p>	
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.	
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 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	
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. I consent to the publication, and retention for purposes of obtaining a patent, of the information herein.	
LEGAL NAME OF INVENTOR Inventor: <u>Benjamin AMBLARD</u>	Date: <u>25/06/19</u>
Signature: 	

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PT-3335

PATENT
REEL: 049950 FRAME: 0250

**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	DEVICE FOR DISTRIBUTING A POLYPHASE MIXTURE IN A CHAMBER CONTAINING A FLUIDIZED MEDIUM
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LEGAL NAME OF INVENTOR	
Inventor: <u>Sina TEBIANIAN</u>	Date: <u>11/07/2019</u>
Signature: 	

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PET-3335

PATENT
REEL: 049950 FRAME: 0251

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Title of Invention	DEVICE FOR DISTRIBUTING A POLYPHASE MIXTURE IN A CHAMBER CONTAINING A FLUIDIZED MEDIUM
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As the below named inventor, I hereby declare that:

This declaration The attached application, or
is directed to: United States Application or PCT International Application number 16/429,730 filed on
June 3, 2019

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.

AND WHEREAS

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LEGAL NAME OF INVENTOR

Inventor: Ludovic RAYNAL

Date: June 20th 2019

Signature: 

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PET-3335

PATENT
REEL: 049950 FRAME: 0252

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
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Title of Invention	DEVICE FOR DISTRIBUTING A POLYPHASE MIXTURE IN A CHAMBER CONTAINING A FLUIDIZED MEDIUM
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As the below named inventor, I hereby declare that:

This declaration The attached application, or
 United States Application or PCT International Application number 16/429,730 filed on
is directed to: June 3, 2019

The above-identified application was made or authorized to be made by me.

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LEGAL NAME OF INVENTOR

Inventor: Thierry GAUTHIER

Date: June 20th 2019

Signature: _____

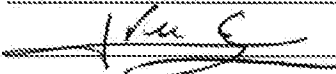
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**PATENT
REEL: 049950 FRAME: 0253**

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LEGAL NAME OF INVENTOR		
Inventor:	<u>Jean-Francois LE COZ</u>	Date: <u>June 19th 2019</u>
Signature:		

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PATENT

RECORDED: 08/02/2019

REEL: 049950 FRAME: 0254