

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7177580

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KIRILL DROBYSHEV	12/07/2021
VINCENT COUPARD	01/17/2022
NIKOLAI NESTERENKO	11/17/2021
JEAN-CHRISTOPHE GABELLE	11/17/2021
RECEIVING PARTY DATA	
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Street Address:	1 & 4 AVENUE DU BOIS PREAU
City:	RUEIL-MALMAISON CEDEX
State/Country:	FRANCE
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Name:	TOTAL RESEARCH & TECHNOLOGY FELUY
Street Address:	ZONE INDUSTRIELLE C
City:	SENEFFE
State/Country:	BELGIUM
Postal Code:	7181
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17413080
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:	7032436333
Email:	mail@mwzb.com
Correspondent Name:	MILLEN, WHITE, ZELANO & BRANIGAN-AEW
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Address Line 2:	SUITE 1400
Address Line 4:	ARLINGTON, VIRGINIA 22201
ATTORNEY DOCKET NUMBER:	PET-3497

NAME OF SUBMITTER:	ASHLEY BROOKSHIRE
SIGNATURE:	/Ashley Brookshire/
DATE SIGNED:	02/15/2022
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 4 source=PET-3497_EXECUTED_DUAL_DEC_ASSIGNMENTS#page1.tif source=PET-3497_EXECUTED_DUAL_DEC_ASSIGNMENTS#page2.tif source=PET-3497_EXECUTED_DUAL_DEC_ASSIGNMENTS#page3.tif source=PET-3497_EXECUTED_DUAL_DEC_ASSIGNMENTS#page4.tif	

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	LOW-ENERGY CONSUMPTION METHOD FOR DEHYDRATING ETHANOL INTO ETHYLENE
---------------------------	--

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 PCT/EP2019/082717 filed on November 27, 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

IFP Energies nouvelles 1 & 4 avenue du Bois-Préau 92852, Rueil-Malmaison, France Total Research & Technology Feluy Zone Industrielle C 7181, Seneffe, Belgium
--

hereinafter 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 continuations thereof, 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 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 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 ASSIGNEES 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.

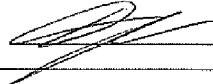
AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEES, its assigns and legal representatives and to execute any other papers that may be needed in connection with securing Letters Patents thereon.

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 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>Kirill DROBYSHEV</u>	Date: <u>07/12/2021</u>

Signature: 

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 ATTORNEYS AT LAW
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 EMAIL: MAIL@MWZB.COM

DOCKET NO.: PET-3497

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LEGAL NAME OF INVENTOR

Inventor: Vincent COUPARD

Date: January 17, 2022

Signature: 

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LEGAL NAME OF INVENTOR

Inventor: Nikolai NESTERENKO

Date: _____

Signature: _____

Nikolay
NESTERENKO
Signature numérique de
Nikolay NESTERENKO
Date: 2021.11.17 19:56:16
+01:00

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DOCKET NO.: PET-3497

**PATENT
REEL: 059018 FRAME: 0569**

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AND WHEREAS		
<table border="1"> <tr> <td>IFP Energies nouvelles 1 & 4 avenue du Bois-Préau 92852, Rueil-Malmaison, France Total Research & Technology Feluy Zone Industrielle C 7181, Seneffe, Belgium</td> </tr> </table>		IFP Energies nouvelles 1 & 4 avenue du Bois-Préau 92852, Rueil-Malmaison, France Total Research & Technology Feluy Zone Industrielle C 7181, Seneffe, Belgium
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LEGAL NAME OF INVENTOR		
Inventor:	<u>Jean-Christophe GABELLE</u> Date: <u>11/17/2021</u>	
Signature:		

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