

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6015567

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the THIRD ASSIGNEE'S NAME previously recorded on Reel 051980 Frame 0464. Assignor(s) hereby confirms the THIRD ASSIGNEE'S NAME IS "CONSEJO NACIONAL DE INVESTIGACIONES CIENTIFICAS Y TECNICAS (CONICET)".

**CONVEYING PARTY DATA**

Name	Execution Date
JOANA ELIZA TASQUE	01/06/2020
PABLO ALEJANDRO RAFFO	01/06/2020
ISABEL NATALIA VEGA	01/06/2020
NORMA BEATRIZ D'ACCORSO	01/06/2020
DARIO ALBERTO CONTRERA	02/03/2020

**RECEIVING PARTY DATA**

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<b>State/Country:</b>	ARGENTINA
<b>Postal Code:</b>	C1425FQB

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16725124

**CORRESPONDENCE DATA**

Fax Number: (703)621-7155

**PATENT**

**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.**

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**Correspondent Name:** MUNCY, GEISSLER, OLDS & LOWE, PC  
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<b>ATTORNEY DOCKET NUMBER:</b>	1197/0233PUS1
<b>NAME OF SUBMITTER:</b>	JOE MCKINNEY MUNCY
<b>SIGNATURE:</b>	/Joe McKinney Muncy/
<b>DATE SIGNED:</b>	03/16/2020

**Total Attachments: 5**  
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## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5991239

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
JOANA ELISA TASQUE	01/06/2020
PABLO ALEJANDRO RAFFO	01/06/2020
ISABEL NATALIA VEGA	01/06/2020
NORMA BEATRIZ D'ACCORSO	01/06/2020
DARÍO ALBERTO CONTRERA	02/03/2020

**RECEIVING PARTY DATA**

<b>Name:</b>	YPF TECNOLOGIA S.A.
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<b>Name:</b>	UNIVERSIDAD DE BUENOS AIRES
<b>Street Address:</b>	VIAMONTE 430/444
<b>City:</b>	CIUDAD AUTÓNOMA DE BUENOS AIRES
<b>State/Country:</b>	ARGENTINA
<b>Postal Code:</b>	1053
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<b>City:</b>	CIUDAD AUTÓNOMA DE BUENOS AIRES
<b>State/Country:</b>	ARGENTINA
<b>Postal Code:</b>	C1425FQB

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Application Number:	16725124

**CORRESPONDENCE DATA**

Fax Number: (703)621-7155

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Phone: 7036217140

**MUNCY, GEISSLER, OLDS & LOWE, P.C.**

UNITED STATES PATENT RIGHTS, OR  
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

**COMBINED DECLARATION AND ASSIGNMENT**

Title of Invention: HYDROGELS DERIVED FROM ACRYLAMIDE FOR  
CONTROLLING CIRCULATION LOSSES AND METHODS OF FABRICATION THEREOF

As a below named inventor, I hereby declare that:

This declaration is directed to:

- The attached application; or  
 United States application number or PCT international application number  
\_\_\_\_\_, filed on \_\_\_\_\_.

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.

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.

Direct all correspondence to the address associated with Customer Number 60601.

WHEREAS,

YPF TECNOLOGÍA S.A. of Macacha Güemes 515, Ciudad Autónoma de Buenos Aires (C1106BKK) Argentina;

UNIVERSIDAD DE BUENOS AIRES of Viamonte 430/444, Ciudad Autónoma de Buenos Aires (1053) Argentina; and

CONSEJO NACIONAL DE INVESTIGACIONES CIENTÍFICAS Y TÉCNICAS (CONICET) of Godoy Cruz 2290 Piso 10, Ciudad Autónoma de Buenos Aires (C1425FOB), Argentina.

their heirs, successors, legal representatives and assigns (hereinafter designated as the Assignees) are desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and

in any foreign countries, in equal undivided amounts unless specific undivided amounts are listed as follows: Assignee 1 (50 %); Assignee 2 (25%); Assignee 3 (25%).

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional, conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants

Attorney Docket No. 1197/0233PUS1

that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

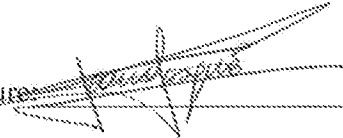
The undersigned hereby grant(s) the law firm of Muncy, Geissler, Olds & Lowe, P.C. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).


LEGAL NAME OF FIRST OR SOLE INVENTOR:

Joana Elisa TASQUE

Signature:  Date: JANUARY 6, 2020

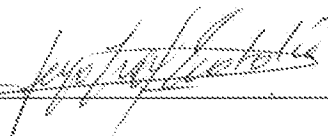
LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:

Pablo Alejandro RAFFO

Signature:  Date: JANUARY 6, 2020

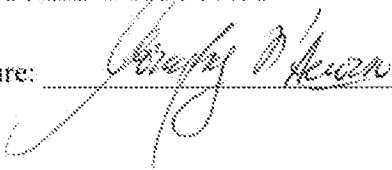
LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:

Isabel Natalia VEGA

Signature:  Date: JANUARY 6, 2020

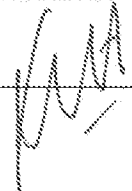
LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:

Norma Beatriz D'ACCORSO

Signature:  Date: JANUARY 6, 2020

LEGAL NAME OF ADDITIONAL JOINT INVENTOR, IF ANY:

Dario Alberto CONTRERA

Signature:  Date: February 3, 2020