PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6792636

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARCOS CARPIGIANI DE ALMEIDA	01/19/2021
GEORGE CARNEIRO CAMPELLO	02/04/2021
RAFAEL GUIMARÃES DE MELLO SOBREIRA	02/24/2021
WALTER CARRARA LOUREIRO JUNIOR	01/27/2021
MARCELO TORRES PIZA PAES	01/19/2021

RECEIVING PARTY DATA

Name:	PETRÓLEO BRASILEIRO S.A PETROBRAS
Street Address:	AVENIDA REPÚBLICA DO CHILE, 65, CENTRO
City:	RIO DE JANEIRO, RJ
State/Country:	BRAZIL
Postal Code:	20031-912

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16618693

CORRESPONDENCE DATA

Fax Number: (713)228-8778

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: 7132288600

Email: futakata@obwbip.com
Correspondent Name: LISA E. MARGONIS
Address Line 1: 909 FANNIN ST
Address Line 2: SUITE 3500

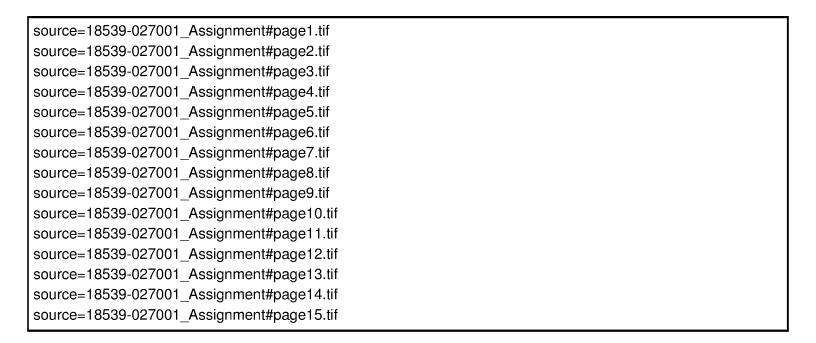
Address Line 4: HOUSTON, TEXAS 77010

ATTORNEY DOCKET NUMBER:	18539-027001
NAME OF SUBMITTER:	KUNIKO FUTAKATA
SIGNATURE:	/Lisa E. Margonis/
DATE SIGNED:	06/28/2021

Total Attachments: 15

PATENT REEL: 056806 FRAME: 0809

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DECLARATION AND ASSIGNMENT - U.S. RIGHTS ONLY

Whereas, the undersigned individual(s) (referred to berein as the "INVENTOR(S)") has/have invented:

The attached application to be filed as a United States application or PCT international application, or

United States application or PCT international application number PCT/GB2018/051459 filed on May 30, 2018; and, entitled:

FLEXIBLE PIPE CONNECTOR SUITABLE FOR EFFECTING CONTROL AND FORCED CIRCULATION OF ANTICORROSIVE FLUIDS THROUGH THE ANNULUS OF THE FLEXIBLE PIPE

Regarding that application, each of the INVENTOR(S) declares the following:

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- 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.

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the INVENTOR(S) hereby assign, transfer, and set over to:

PETRÓLFO BRASILFIRO S.A. - PETROBRAS

having the following address:

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(referred to herein as "COMPANY"), its successors, and assigns, the entire right, title, and interest for the United States of America (including without limitation its territories and possessions) in and to the invention described in the patent application identified above (referred to herein as INVENTION), together with said patent application, all divisions, continuations, continuations-in-part, reissues, and extensions thereof, and all United States Letters Patent which may be granted therefor. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by COMPANY, its successors, and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR(S) if this assignment had not been made.

In addition, the undersigned INVENTOR(S) each hereby agrees:

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PATENT REEL: 056806 FRAME: 0811

Your Ref.: 0083/2241-PAT



interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;

- To execute all papers and documents and to perform all lawful acts which may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
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IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

Jan	wany 19th 2021	1" Inventor Signature: Print or Type Name:	Marcos JARPIGIANI DE ALMEIDA
	Date	2 nd Inventor Signature: Print or Type Name:	George CARNEIRO CAMPELLO
	Date	3 rd Inventor Signature: Print or Type Name:	
***********	Date	Ath Frescanton Clarensiscope	Rafael Guimarães de MELLO SOBREIRA
***************************************	Date	S th Inventor Signature: Print or Type Name:	
	Date	6 th Inventor Signature: Print or Type Name:	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
en manten de la companya de la comp	(a) a Notary Public for o	This Assignment may be signe of the States of the United S	ned before either: listes, or (b) two wilnesses who sign below:
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		5° Inventor		ं के किस्त्रकार
	each of whom acknowledged the execute this Assignment. Dated:	ne foregoing instrument to be a free ne	t and deed and also represented	i that he/she is authorized to
		Notary Public	My commission expires:	
Ü		Signature of Witness:		
\$3683 %.I M	Date	Print or Type Name:	***************************************	
505 205		Signature of Witness:		
	Date	Print or Type Name:		



Your Ref.: 0083/2241-PAT

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PETRÓLEO BRASILEIRO S.A. - PETROBRAS

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- To execute all papers and documents and to perform all lawful acts which may be necessary in connection with claims to priority or otherwise under the

REEL: 056806 FRAME: 0814

 To perform all lawful affirmative acts which may be necessary to obtain the grant of a valid and enforceable patent to COMPANY.

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In witness whereof, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

	1st Inventor Signature:		
Date	Print or Type Name:	Marcos CARPIGIANI DE ALMEIDA	
febi	UACA UTH JAZ 2 nd Inventor Signature:	envandet	J
Date	Print or Type Name:	George Carneiro Campello	
-	3 rd Inventor Signature:		
Date	Print or Type Name:	Jonatas RIBEIRO	
	4 th Inventor Signature:		
Date		Rafael Guimarães de MELLO SOBREIRA	

	5th Inventor Signature:		
Date	Print or Type Name:	Walter Carrara LOUREIRO JUNIOR	
	cih x		
Date	6th Inventor Signature:		
Date	Print or Type Name:	MARKET ANALOS SIECA EMESO	
		This Assignment may be signed before either:	
	(a) a Notary Public for one	of the States of the United States, or (b) two witnesses	who sign below:
1	State of		
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	each of whom acknowledged to	he foregoing instrument to be a free act and deed and a	dso represented that he/she is
1	anthorized to execute this Assist	ament.	

		Notary Public
WIT NES SES	Signature of Witness:_	
Date	Print or Type Name:_	
Date	Signature of Witness: Print or Type	
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My commission expires:

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Your Ref: 0083/2241-PAT

DECLARATION AND ASSIGNMENT - U.S. RIGHTS ONLY

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Intellectual Property Law

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Minimum	***************************************	an insensor Signature:	
	Date	Print or Type Name:	Marcos CARPIGIANI DE ALMEIDA
mminer		2 rd Inventor Signature:	
	Date	Print or Type Name:	George CARNEIRO CAMPELLO
********		3rd Inventor Signature:	
	Date	Print or Type Name:	Jonatas RIBEIRO
FEBL	0854 3448 \ 7054	4th Incontor Signatures	FAFALL 6. DE MELLO 10888104
	Date		Rafael Guimarães de MELLO SOBREIRA
		**	
		5th Inventor Signature:	
	Date	Print or Type Name:	Walter Carrara LOUREIRO JUNIOR
		6th Inventor Signature:	
	Date	Print or Type Name:	Marcelo Torres PIZA PAES
**************************************		This Assignment may be sig	med before either:
	ia) a Notary Public for o	ne of the States of the United S	states, or (b) two witnesses who sign below:
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3	County of		
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NOTARY	Before me personally appeared		
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		1 st Inventor Signature:	
	Date	Print or Type Name:	Marcos CARPIGIANI DE ALMEIDA
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	2 nd Inventor Signature:	George CARNEIRO CAMPELLO
	Date	Print or Type Name:	George CARNEIRO CAMPELLO
		3 rd Inventor Signature:	
	Date	Print or Type Name:	Jonatas RIBEIRO
		4 th Inventor Signature:	
Date		Print or Type Name:	Rafael Guimarães de MELLO SOBREIRA
Jan 27th 7071		5th Inventor Signature:	worth
	Date	Print or Type Name:	
		6 th Inventor Signature:	
	Date	Print or Type Name:	
	(a) a Notary Public for a	This Assignment may be sig one of the States of the United S	ned before either; italies, or (b) two witnesses who sign below:
*********	State of		
). (2) (3)	County of		
NOTARY	Before me personally appeared:	18 breato	2 ^{pd} Foresofter



		3of Inventor		4 th Ireventor			
		Sh lavestor		S th becauter			
	cach of whom acknowledged the foregoing instrument to be a free act and deed and also represented that he/she is authorized to execute this Assignment.						
	Dated:						
<u> </u>	······	Notary Public	My commission expires:				
· ·	7						
8		Signature of Witness:					
<i>6</i> 0	Date	Print or Type Name:					
WITNESSES		Signature of Witness:					
A STEEL	Date	Print or Type Name:					

# DECLARATION AND ASSIGNMENT - U.S. RIGHTS ONLY

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PATENT PATENT REEL: 056806 FRAME: 0823

Your Ref.: 0083/2241-PAT

1



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	3 rd Inventor Signature:		
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	4th Inventor Signature:		
Date	Print or Type Name:	Rafael Guimarães de MELLO SOBREIRA	
	5th Inventor Signature:		
Date	Print or Type Name:	Walter Carrara LOUREIRO JUNIOR	
3+4 Jamany 2021	6th Inventor Signature:	Marca 2 P. Pay	
Date ,	Print or Type Name: _	Marcelo Torres PIZA PAES	
	This Assignment may be sign	ned before either:	
(a) a Notary Public for	This Assignment may be sign one of the States of the United S	ned before either: tates, or (b) two witnesses who sign below:	
(a) a Notary Public for State of	This Assignment may be signone of the States of the United S	ned before either: tates, or (b) two witnesses who sign below:	
State of	This Assignment may be signone of the States of the United S	ned before either: tates, or (b) two witnesses who sign below:	
State of	This Assignment may be signone of the States of the United S	ned before either: tates, or (b) two witnesses who sign below:	



RECORDED: 07/01/2021

		3 rd Inventor	4 th Inventor
	,	5th Inventor	6 th Inventor
	each of whom acknowledge execute this Assignment.	and deed and also represented that he/she is authorized to	
	Dated:		
		Notary Public	My commission expires:
_	<del>-</del> -1		
SEC	3	Signature of Witness:	
L	Date	Print or Type Name:	
MITNESSES		Signature of Witness:	
-	Date	Print or Type Name:	

**PATENT** 

REEL: 056806 FRAME: 0825