PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVE	YANCE:	ASSIGNMENT		
CONVEYING PARTY	′ DATA			
		Name	Execution Date	
Fabien PORCHERO	N		07/03/2013	
Karin BARTHELET			07/03/2013	
Tiziana ARMAROLI			07/23/2013	
Alexandre NICOLAC)S		07/30/2013	
Marc-Antoine LELIA	S		07/31/2013	
Arnaud BAUDOT			07/03/2013	
Clotilde JUBIN			08/01/2013	
Name: Street Address:	IFP Energies N			
Nome]	
Street Address:	1 & 4 Avenue D			
City:	Rueil-Malmaisc	on Cedex		
State/Country:	FRANCE			
Postal Code:	92852			
PROPERTY NUMBE	RS Total: 1			
Property 7	уре	Numbe	r	
Application Number:	. 1	3924740		
CORRESPONDENC	E DATA			
-		lail when the fax attempt is unsuccessfu	1.	
<i>Correspondence will</i> Phone:	<i>be sent via US M</i> 703-243-6 mail@mw	333	Υ.	
<i>Correspondence will</i> Phone: Email:	703-243-6 mail@mw	333	Υ.	
<i>Correspondence will</i> Phone: Email: Correspondent Name Address Line 1:	703-243-6 mail@mw e: Millen, Wf 2200 Clan	5333 zb.com hite, Zelano & Branigan (Mia) endon Blvd.	Υ.	
<i>Correspondence will</i> Phone: Email: Correspondent Name Address Line 1: Address Line 2:	703-243-6 mail@mw e: Millen, Wr 2200 Clan Suite 1400	3333 zb.com nite, Zelano & Branigan (Mia) endon Blvd. 0	Υ.	
	703-243-6 mail@mw e: Millen, Wr 2200 Clan Suite 1400	5333 zb.com hite, Zelano & Branigan (Mia) endon Blvd.	<i>.</i>	
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NAME OF SUBMITTER:	Michaiah Copp
Signature:	/Michaiah Copp/
Date:	08/09/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 7 source=2883_EXECUTED_Dual_Dec_Assig source=2883_EXECUTED_Dual_Dec_Assig source=2883_EXECUTED_Dual_Dec_Assig source=2883_EXECUTED_Dual_Dec_Assig source=2883_EXECUTED_Dual_Dec_Assig source=2883_EXECUTED_Dual_Dec_Assig source=2883_EXECUTED_Dual_Dec_Assig	gn#page2.tif gn#page3.tif gn#page4.tif gn#page5.tif gn#page6.tif

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CAPTURE MASS COMPOSED OF ELEMENTAL SULPHUR DEPOSITED ON A POROUS SUPPORT FOR CAPTURING HEAVY METALS

As the below named inventor, I hereby declare that:

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United States Application or PCT International Application number <u>13/924.740</u> filed on <u>June 24</u>, 2013.

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

is directed to:

IFP ENERGIES	NOUVEL.	LES	•••••••
1 & 4 AVENUE	DE BOIS	PREAU	
92852 RUEIL-N	IALMAIS(ON CEDI	EX, FRANCE

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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 NAM	E OF INVENTOR			 . 1 . m 1	£3 5 +3	
Inventor:	Fabien PORCHERON		Date:	 51071	aois_	
	anterson					
Signature:	Call Call Call Call	A				

MRLEN, WHITE, ZELANG & BRANGAP, P.C. ATTORNEYS AT LAW ARLINETON DERITIONE PLAZA 2001, AMENDON BOLLEVARD - BUTE 1400 - AMENDON VA 22281 TRAMMOR - 703,243,6410 EMAL: MAR, MWY/B, 738

REEL: 030975 FRAME: 0504

Title of Invention	CAPTURE MASS COMPOSED OF ELEMENTAL SULPHUR DEPOSITED ON A POROUS SUPPORT FOR CAPTURING HEAVY METALS
As the below nan	ed inventor, I hereby declare that:
This declaration	The attached application, or

United States Application or PCT International Application number 13/924,740 filed on June 24,

is directed to:

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

2013.

Х

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 DE BOIS PREAU
 92852 RUEIL-MALMAISON CEDEX, FRANCE

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LEGAL NAM	AE OF INVENTOR			5 PN
Inventor:	Karin BARTHELET	Date:	<u> </u>	A.S.
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MILLEN, WIETE, ZELANO & BRANIGAN, P.C. ATTORNEYS AT LAW ARLINGTON COURTHOUSE PLAZA 2200 CLARENDON BOULEVARD : SUITE 14001 ARLINGTON VA 22201 TELEPHORE: 703.243.6333 I FAX: 703.243.6410 EMAE:: MAIL@MW29.00M

PATENT REEL: 030975 ERAWE: 0505

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As the below named inventor, I hereby declare that:

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IFP ENER	RCIES	NOUV	ELLES			
1 & 4 A V	ENUE	DE BO	MS PRI	iau		
92852 81	JEHA	4ALM/	WSON	CEDE>	(, FRAN	CE

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LEGAL NAME	OF INVENTO	ы¥						
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MALEN, WIGT, ZELANOR IRANGAN, P.C. ATTORNA AT LAN ARLINGTON COMPLEXE FLAZA 2004 LANDAGO BUALINARD SIMT MICHAELDRITHE VA 22201 TELENENE: 703,343,6331 FAX: 703,343,6410 EXAL: MALENEWERICH

REEL: 030975 FRAME: 0506

Title of Invention		FURE MASS COMPOSED OF ELEMENTAL SULPHUR DEPOSITED POROUS SUPPORT FOR CAPTURING HEAVY METALS
As the below nam	ed invent	or, I hereby declare that:
This declaration	[The attached application, or
is directed to:	x	United States Application or PCT International Application number <u>13/924,740</u> filed on <u>June 24,</u> 2013.
The above-identif	ied applie	ation was made or authorized to be made by me.
I believe that I an	the origi	nal inventor or an original joint inventor of a claimed invention in the application.
AND WHEREAS		
	2	FP ENERGIES NOUVELLES

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LEGAL NAME OF INVENTOR	2 91	\mathcal{Q} \mathcal{Q}
Inventor: Alexandre NICOLAOS Date:	201041	<u> </u>
Inventor: <u>Alexandre NICOFAOS</u> Date: Signature:		
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MILLEN, WHITE, ZELANO & BRANGAN, P.C. ATTORNEYS AT LAW ARLINGTUN COURTHOUSE PLAZA 2200 CLARENDON BOLLEY ARD I SUITE 14061 ARLINGTON VA 22201 TELEPEDNE: 701.243,6433 I FAX: 701.243,6410 EMAR: MAIL@MW28.COM

Effect PCA Figure 16, 2012 REEL: 030975 FRAME: 0507

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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 ASSIGNOE

I hereby acknowledge that any willful faise statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (3) years, or both.

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MELIAN, WHETE, ZELAND & BEANDAR, P.C. ATTORNEY AT LAW ARLINGTON CONSIDERING PLAZA 2010 CLARRING DE DOCTON VA 22201 TELEPHORE 201,243 63331 FAC: 203,243,4419 EXAM- MARLENDWERTON

REEL: 030975 FRAME: 0508

Invention	CAPTURE MASS COMPOSED OF ELEMENTAL SULPHUR DEPOSITED ON A POROUS SUPPORT FOR CAPTURING HEAVY METALS
As the below name	ed inventor, I hereby declare that:
This declaration	The attached application, or
is directed to:	United States Application or PCT International Application number 13/924,740 filed on June 24, 2013.
The above-identifi	ed 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 DE BOIS PREAU 92852 RUEIL-MALMAISON CEDEX, FRANCE
all patent(s) listed	d to as the ASSIGNEES, is desirous of acquiring the entire right, title, and interest in and to said invention and above, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, all renewals, reissues, reexaminations and extensions thereof.
ASSIGNOR hereb right, title and inter and all Letters Pat- thereof, and in and to accrue with resp invention, SAID A including any and which may be gran right to sue for dat arising from or app renewals, refissues, representatives, in enjoyed the same,	WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, by assigns, sells, and transfers to ASSIGNEES, its assigns and legal representatives, the entire and exclusive rest in and to said invention and patent(s), including any and all divisions and continuations thereof, and any ent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions it to any and all U.S. (including provisional) or foreign priority and/or convention rights or benefits accruing or beet to the filing or securing of patents in the United States and/or any countries foreign thereto concerning said SSIGNEES, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and patent, all earlier priority rights (U.S. and foreign),divisions and continuations thereof, any and all Letters Patent tied therefor, including any and all renewals, reissues, reexaminations and extensions thereof, including the mages occurring before the assignment, with all the rights, powers, privileges and advantages in anywise pertaining thereto, for and during the term or terms of any and all such Letters Patent, including any and all reexaminations and extensions thereof, for the use and benefit of ASSIGNEES and its assigns and legal 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.
and foreign countr	SIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States ies for said invention and to assign the same to said ASSIGNEES, 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 ns and continuations thereof, to ASSIGNEES, its assigns and legal representatives, in accordance herewith.
	ersigned hereby grant(s) the law firm of Millen, White, Zelano & Branigan, P.C. the power to insert on this ation which may be necessary or desirable in order for the United States Patent and Trademark Office to is 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 ent of not more than five (5) years, or both.
LEGAL NAME O	
Inventor: Ai	$\begin{array}{c c} \hline \\ \hline $
S. martines	
Signature:	

MILLEN, WHITE, ZELANO & BRANKGAN, P.C. AYTORNEYS AT LAW ARLINGTON CONSTRUCTING FLAZA 2200 CLARENDON BOGLEVARD I SUFTE 1400 I ARLINGTYN VA 22201 TELERINGNE: 703.243.6433 I FAX: 703.243.6410 EMAR.: MARL@MWZB.COM

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CAPTURE MASS COMPOSED OF ELEMENTAL SULPHUR DEPOSITED ON A POROUS SUPPORT FOR CAPTURING HEAVY METALS

As the below named inventor, I hereby declare that:

This declaratio	83	The attached	application, o	£						
	********	United States	s Application c	n PCT Intern	ational Appl	lication num	ber <u>13/924</u> ,	740 filed (m June 2	4.
is directed to:	X	2013.								
	ating word		a or antimized	t ta bo wada						

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

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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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

LEGAL NAM	ME OF INVENTOR Clouide JUBIN	Date:	01	108	2013
Signature:	and				
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MELIN, WHIT, ZELANG & BRANDAN, P.C. ATTORNESS AT LAW ARLANDIN COMPRESS AT LAW 2001 CLARPHON BOLLEYARD SUFFERING AND AD TOLENDER TOLEYARD SUFFERING AND ADDRESS TOLENDER TOLEYARD SUFFERING AND INALL MADEMINISTRA

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RECORDED: 08/09/2013