07/15/2014 502891582

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2938179

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		

CONVEYING PARTY DATA

Name	Execution Date
ARNAUD LANGE	06/18/2014
CHAKIB KADA KLOUCHA	07/09/2014

RECEIVING PARTY DATA

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State/Country:	FRANCE	
Postal Code:	92852	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14283722

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ATTORNEY DOCKET NUMBER:	612.53595X00
NAME OF SUBMITTER:	DONALD E. STOUT
SIGNATURE:	/Donald E. Stout/
DATE SIGNED:	07/15/2014

Total Attachments: 2

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> **PATENT** REEL: 033311 FRAME: 0535 502891582

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harair	WHEREAS the below named inventor (it after referred to as the ASSIGNOR invented a	only one invent	tor is named below) or inventors (if	plural inventors are nam	ned below)		
Meth	od for exploiting a fractured medium o			voir model for	wells chosen by mea	ans of an		
	for which an application for Letters Patent to	be filed in the U	Inited States Paten	and Trademark	Office was executed on o	even date.		
X	for which U.S. Application No.							
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erebere ···	for which an International Application was fi	led on		as	, designating t	the United States.		
	AND WHEREAS IFP Energie 1 et 4 avenu 92852 Ruei France France	ie de Bois I I-Malmaisc	Préau on Cedex	and any and and and any and an				
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201	FULL NAME OF SOLE OR FIRST NAMED INVENTOR Arnaud LANGE		INVENTOR'S SIG	NATURE		2014		
202	FULL NAME OF SECOND JOINT INVENTOR Chakib KADA KLOUCHA		INVENTOR'S SIG	NATURE		DATE		
203	FULL NAME OF THIRD JOINT INVENTOR		INVENTOR'S SIG	NATURE		DATE		
204	FULL NAME OF FOURTH JOINT INVENTOR		INVENTOR'S SIG	NATURE		DATE		
205	FULL NAME OF FIFTH JOINT INVENTOR		inventor's sig	NATURE		DATE		
296	FULL NAME OF SIXTH JOINT INVENTOR		INVENTOR'S SIG	NATURE		DATE		

PATENT REEL: 033311 FRAME: 0536

ASSIGNMENT						ATTY, DOCKET NO	
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here	WHEREAS the below named in after referred to as the ASSIGNOR				entors (if plural inv	rentors are named below)	
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	for which an application for Letters	s Patent to be fil	led in the United States	Patent and Tra	demark Office wa	s executed on even date.	
X	for which U.S. Application No. for Letters Patent was filed in the U.S. Patent and Trademark Office on						
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	for which an International Applicat	tion was filed or	n	as	***************************************	, designating the United States.	
assigninversinclusters and country and cou	p285 Fram mafter referred to as the ASSIGNEI ding any and all divisions and cont wals, reissues, reexaminations and ex NOW, WITNESSETH that fo ns, sells, and transfers to ASSIGNEI ation and application, including any a ding any and all renewals, reissues, fits accruing or to accrue with respe (IGNEE, its assigns and legal represer continuations thereof, with all the rights or terms of any and all such Letters I see and benefit of ASSIGNEE and its GNOR might or could have held and AND ASSIGNOR hereby agreet prices for said invention and to assign be needed in connection with filing s AND ASSIGNOR authorizes a many and all divisions and continuat	52 Rueil-M nce E, is desirous of inuations thereof tensions and all divisions reexaminations to the filing intatives to have I Letters Patent s, powers, privil Patent when grate assigns and leg tenjoyed the same to satisfact the	of, and any and all Lett. Lumble consideration, the and legal representatives and continuations there is and extensions are extensions and extensions and extensions are extensions and extensions and extensions are extensions an	ers Patent where receipt wheels, the entire a cof, and any a f, and in and in the United oy said invention of the United anywise arising all renewals, ample and be do not been manecessary to mand legal tents thereon, that and Trade and legal reput, Kraus, LLI	pich may be grant- treof is hereby act and exclusive right and all Letters Pater to any and all pri States and/or any tion and application ding any and all re- ing from or appert reissues, reexamire eneficial a manner ade. file applications representatives and marks to issue a L resentatives, in accept the power to inst	and thereon, including any and all convoledged, ASSIGNOR hereby, title and interest in and to said at which may be granted therefor ority and/or convention rights of countries foreign thereto, SAIL in, including any and all division encewals, reissues, reexamination aining thereto, for and during the ations and extensions thereof, for to all intents and purposes as the in the United States and foreign to execute any other papers that exters Patent on said application ordance herewith.	
	IN TE	STIMONY WE	HEREOF this assignmen	t is executed	by ASSIGNOR.		
201	FULL NAME OF SOLE OR FIRST NAMED IN	VENTOR	INVENTOR	S SIGNATURE		DATE	
202	Arnaud LANGE FULL NAME OF SECOND JOINT INVENTOR	ALACTOR OF THE PROPERTY OF THE	INVENTOR	s signatura	<i>1.</i> ,	DATE	
203	Chakib KADA KLOUCH	łA	PARCHETT)	S SIGNATURE		09/07/2014	
- May	A TOWN TOWN TOWN TO THE TOWN TOWN	***************************************	arraina.	U WINDERSTEEL	nnonvanaparagera	DALE	
204	FULL NAME OF FOURTH JOINT INVENTOR		INVENTOR	S SIGNATURE		DATE	
205	FULL NAME OF FIFTH JOINT INVENTOR		INVENTOR	S SIGNATURE		DATE	
106	FULL NAME OF SIXTH JOINT INVENTOR		INVENTOR	S SIGNATURE		DATE	

RECORDED: 07/15/2014

PATENT REEL: 033311 FRAME: 0537