

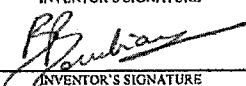
## PATENT ASSIGNMENT

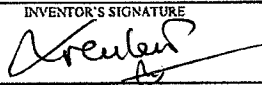
Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Bernard BOURBIAUX	07/17/2013
Quang Long NGUYEN	07/18/2013
RECEIVING PARTY DATA	
Name:	IFP Energies nouvelles
Street Address:	1 et 4 avenue de Bois Preau
City:	Rueil-Malmaison Cedex
State/Country:	FRANCE
Postal Code:	F-92852
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13994155
CORRESPONDENCE DATA	
Fax Number:	7033126666
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	703-312-6600
Email:	rperez@antonelli.com
Correspondent Name:	ANTONELLI, TERRY, STOUT & KRAUS, LLP
Address Line 1:	1300 NORTH SEVENTEENTH STREET
Address Line 2:	SUITE 1800
Address Line 4:	ARLINGTON, VIRGINIA 22209-3873
ATTORNEY DOCKET NUMBER:	13994155
NAME OF SUBMITTER:	Alan E. Schiavelli
Signature:	/Alan E. Schiavelli/
Date:	08/07/2013
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif	

OP \$40.00 13994155

ASSIGNMENT		ATTY. DOCKET NO.:	
		612.53102X00	
WHEREAS the below named inventor (if only one inventor is named below) or inventors (if plural inventors are named below) hereinafter referred to as the ASSIGNOR invented a certain improvement relating to			
ENHANCED HYDROCARBON RECOVERY METHOD COMPRISING OPTIMIZING THE INJECTION OF AN AQUEOUS CONDITIONING SOLUTION			
for which an application for Letters Patent to be filed in the United States Patent and Trademark Office was 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	
	13/997,155	June 14, 2013	
for which an International Application was filed on		November 24, 2011	as PCT/FR2011/000621, designating the United States.
AND WHEREAS	IFP Energies nouvelles 1 et 4 avenue de Bois Préau F-92852 Rueil-Malmaison Cedex France		
hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, 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 ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, 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 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, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and application, 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, 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 when granted, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE 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 ASSIGNEE, its assigns and legal representatives and to execute any other papers that may be needed in connection with filing said applications and securing Letters Patents thereon.			
AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.			
The undersigned hereby grant(s) the law firm of Antonelli, Terry, Stout, Kraus, LLP 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 United States Patent and Trademark Office for recordation of this document.			
IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR.			
201	FULL NAME OF SOLE OR FIRST NAMED INVENTOR	INVENTOR'S SIGNATURE	DATE
	Bernard BOURBIAUX		17 July 2013
202	FULL NAME OF SECOND JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
	Quang Long NGUYEN		
203	FULL NAME OF THIRD JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
204	FULL NAME OF FOURTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
205	FULL NAME OF FIFTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
206	FULL NAME OF SIXTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE

ASSIGNMENT				ATTY. DOCKET NO.:	
				612.53102X00	
WHEREAS the below named inventor (if only one inventor is named below) or inventors (if plural inventors are named below) hereinafter referred to as the ASSIGNOR invented a certain improvement relating to					
ENHANCED HYDROCARBON RECOVERY METHOD COMPRISING OPTIMIZING THE INJECTION OF AN AQUEOUS CONDITIONING SOLUTION					
for which an application for Letters Patent to be filed in the United States Patent and Trademark Office was 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		
	13/997,155		June 14, 2013		
	for which an International Application was filed on	November 24, 2011	as	PCT/FR2011/000621	, designating the United States.
	AND WHEREAS	IFP Energies nouvelles 1 et 4 avenue de Bois Préau F-92852 Rueil-Malmaison Cedex France			
hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, 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 ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, 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 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, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and application, 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, 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 when granted, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE 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 ASSIGNEE, its assigns and legal representatives and to execute any other papers that may be needed in connection with filing said applications and securing Letters Patents thereon. AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith. The undersigned hereby grant(s) the law firm of Antonelli, Terry, Stout, Kraus, LLP 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 United States Patent and Trademark Office for recordation of this document.					
IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR.					
201	FULL NAME OF SOLE OR FIRST NAMED INVENTOR		INVENTOR'S SIGNATURE		DATE
	Bernard BOURBIAUX				
202	FULL NAME OF SECOND JOINT INVENTOR		INVENTOR'S SIGNATURE		DATE
	Quang Long NGUYEN				18/07/2013
203	FULL NAME OF THIRD JOINT INVENTOR		INVENTOR'S SIGNATURE		DATE
204	FULL NAME OF FOURTH JOINT INVENTOR		INVENTOR'S SIGNATURE		DATE
205	FULL NAME OF FIFTH JOINT INVENTOR		INVENTOR'S SIGNATURE		DATE
206	FULL NAME OF SIXTH JOINT INVENTOR		INVENTOR'S SIGNATURE		DATE