506998049 11/29/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7044889

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HARRIS SAJJAD RABBANI	11/22/2021
THOMAS DANIEL SEERS	11/22/2021
DOMINIQUE GUERILLOT	11/22/2021

RECEIVING PARTY DATA

Name:	QATAR FOUNDATION FOR EDUCATION, SCIENCE AND COMMUNITY DEVELOPMENT
Street Address:	P.O. BOX 5825
City:	DOHA
State/Country:	QATAR

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16586345

CORRESPONDENCE DATA

Fax Number: (312)827-8185

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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Email: chicago.patents@klgates.com

Correspondent Name: K&L GATES LLP
Address Line 1: PO BOX 1135

Address Line 4: CHICAGO, ILLINOIS 60690

ATTORNEY DOCKET NUMBER:	5600234.00194
NAME OF SUBMITTER:	MATTHEW S. DICKE
SIGNATURE:	/Matthew S. Dicke/
DATE SIGNED:	11/29/2021
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

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PATENT 506998049 REEL: 058227 FRAME: 0716

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COMBINED ASSIGNMENT AND DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	METHODS AND SYSTEMS FOR SIMULATING MULTIPHASE FLOW THROUGH POROUS MEDIA	Attorney Docket No.	
***************************************		5600234.00194	
As the below named inventor, I hereby declare that:			
This declaration is directed to:	n		
	☐ United States application or PCT international application number	r <u>16/586,345</u>	
	filed on September 27, 2019		
The above-ide	ntified 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.	
"ASSIGNEE"),		g its principal office	
"ASSIGNEE"), a corporation duly organized and existing under the laws of Qatar and having its principal office and place of business at P.O. Box 5825, Doha, Qatar, desires to acquire the entire right, title, and interest therein; NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I do hereby sell, assign, and transfer, and hereby set over unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest to said invention in the United States of America and all foreign countries, including, without limitation, said invention as described in the aforesaid application, to be held and enjoyed by me, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made, including, without limitation, all rights to the aforesaid application and to any United States Letters Patent therefor, when issued together with all improvements thereon and betterments thereof, all related applications including, but not limited to, divisions, continuations, continuations-in-part, reissues and reexaminations thereof and substitutions of or for said application, and all foreign rights including the right to make applications for Letters Patent for said inventions in any and all foreign countries and the right to claim priority as to the filling date under the International Convention on the basis for the aforesaid application for United States Letters Patent; and I hereby authorizes and requests the Commissioner of Patents to issue all Letters Patent issuing therefrom to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives. I hereby agree to execute any papers, provide any information and testify in any interference or litigation at the request of ASSIGNEE, its successors, assigns and legal representatives, when deemed essential to ASSIGNEE, its successors, assigns a			
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 NAME OF INVENTOR			
	rris Sajjad Rabbani Date: 22/11/2021		
Signature:	4-		

COMBINED ASSIGNMENT AND DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	METHODS AND SYSTEMS FOR SIMULATING MULTIPHASE FLOW THROUGH POROUS MEDIA	Attorney Docket No. 5600234.00194	
As the below n	amed inventor, I hereby declare that:		
This declaration is directed to:	This declaration		
	☐ United States application or PCT international application number	16/586,345	
	filed on September 27, 2019		
The above-ide	ntified 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.	
"ASSIGNEE"),	S, Qatar Foundation for Education, Science and Community Development (a corporation duly organized and existing under the laws of Qatar and havin siness at P.O. Box 5825, Doha, Qatar, desires to acquire the entire right, titl	g its principal office	
NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I do hereby sell, assign, and transfer, and hereby set over unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest to said invention in the United States of America and all foreign countries, including, without limitation, said invention as described in the aforesaid application, to be held and enjoyed by me, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made, including, without limitation, all rights to the aforesaid application and to any United States Letters Patent therefor, when issued together with all improvements thereon and betterments thereof, all related applications including, but not limited to, divisions, continuations, continuations-in-part, reissues and reexaminations thereof and substitutions of or for said application, and all foreign rights including the right to make application for Letters Patent for said inventions in any and all foreign countries and the right to claim priority as to the filling date under the International Convention on the basis for the aforesaid application for United States Letters Patent; and I hereby authorizes and requests the Commissioner of Patents to issue all Letters Patent issuing therefrom to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives.			
I hereby agree to execute any papers, provide any information and testify in any interference or litigation at the request of ASSIGNEE, its successors, assigns and legal representatives, when deemed essential to ASSIGNEE's, its successors', assigns' and legal representatives' full enjoyment, protection, enforcement and title in and to such invention and rights hereby transferred.			
I furthermore agree upon request of said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, to execute any and all papers desired by said ASSIGNEE, its successors, assigns and legal representatives, for the filing and granting of foreign applications and the perfecting of title thereto in said ASSIGNEE, its successors, assigns and legal representatives.			
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 NAME OF INVENTOR			
Inventor: The	omas Daniel Sees Date: 22/11/2021		
Signature:			

COMBINED ASSIGNMENT AND DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	METHODS AND SYSTEMS FOR SIMULATING MULTIPHASE FLOW THROUGH POROUS MEDIA	Attorney Docket No.	
······		5600234,00194	
As the below	named inventor, I hereby declare that:	***************************************	
This declaration is directed to:	on The attached application, or		
	☐ United States application or PCT international application number	16/586,345	
	filed on September 27, 2019		
The above-ide	ntified 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.	
"ASSIGNEE")	AS, Qatar Foundation for Education, Science and Community Development (I a corporation duly organized and existing under the laws of Qatar and havin usiness at P.O. Box 5825, Doha, Qatar, desires to acquire the entire right, titl	n its principal office	
interest to said said invention assigns, as ful not been made Patent therefo applications in reexamination application for the filling date Letters Patent issuing therefr	fficiency of which are hereby acknowledged, I do hereby sell, assign, and trar IGNEE, its successors, assigns and legal representatives, the full and exclust invention in the United States of America and all foreign countries, including as described in the aforesaid application, to be held and enjoyed by me, its sily and entirely as the same would have been held and enjoyed by me had this including, without limitation, all rights to the aforesaid application and to any rywhen issued together with all improvements thereon and betterments there cluding, but not limited to, divisions, continuations, continuations-in-part, reiss thereof and substitutions of or for said application, and all foreign rights include the International Convention on the basis for the aforesaid application of and I hereby authorizes and requests the Commissioner of Patents to issue the total and interest as ASSIGNEE, its successors, assigns and	ive right, title and , without limitation, uccessors and s assignment and sale r United States Letters of, all related sues and uding the right to make t to claim priority as to or United States all Letters Patent legal representatives.	
I hereby agree to execute any papers, provide any information and testify in any interference or litigation at the request of ASSIGNEE, its successors, assigns and legal representatives, when deemed essential to ASSIGNEE's, its successors', assigns' and legal representatives' full enjoyment, protection, enforcement and title in and to such invention and rights hereby transferred.			
I furthermore agree upon request of said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, to execute any and all papers desired by said ASSIGNEE, its successors, assigns and legal representatives, for the filing and granting of foreign applications and the perfecting of title thereto in said ASSIGNEE, its successors, assigns and legal representatives.			
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 NAME OF INVENTOR			
Inventor: <u>Do</u>	minique Guerillot Date: 22/11/2021		

Title of Invention	METHODS AND SYSTEMS FOR SIMULATING MULTIPHASE FLOW THROUGH POROUS MEDIA	Attorney Docket No. 5600234.00194
Signature:	Source Los	

PATENT REEL: 058227 FRAME: 0721

RECORDED: 11/29/2021