

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6603387

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MURUGAVEL KANNAN	03/14/2021
RAMESH SHARMA	04/09/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CONOCOPHILLIPS COMPANY
<b>Street Address:</b>	925 N. ELDRIDGE PARKWAY
<b>City:</b>	HOUSTON
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77079
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16156957
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(713)650-6458
<i>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.</i>	
<b>Phone:</b>	832-369-7852
<b>Email:</b>	patent@boulwarevaloir.com
<b>Correspondent Name:</b>	TAMSEN VALOIR
<b>Address Line 1:</b>	BOULWARE & VALOIR
<b>Address Line 2:</b>	2603 AUGUSTA DRIVE, SUITE 1350
<b>Address Line 4:</b>	HOUSTON, TEXAS 77057
<b>ATTORNEY DOCKET NUMBER:</b>	COP:42460US
<b>NAME OF SUBMITTER:</b>	NORA SEIGEL
<b>SIGNATURE:</b>	/NORA SEIGEL/
<b>DATE SIGNED:</b>	03/16/2021
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 9</b>	
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**ASSIGNMENT & DECLARATION**

**WHEREAS**, We, Murgavel Kannan and Ramesh Sharma, hereinafter referred to as "ASSIGNORS" have invented the invention described in the patent application title SAGD SALINE WATER SYSTEM OPTIMIZATION, identified in attached Exhibit A (the "PATENT");

**WHEREAS**, ConocoPhillips Company, located at 600 N. Dairy Ashford, Houston, TX, 77079, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in the PATENT (together the "PARTIES"), as well as any priority application, continuation, continuation-in-part, divisional, re-examination or re-issue application thereof, and any foreign counterpart application related thereto, and to any letter patent that may be granted therefor in the United States and in any and all foreign countries;

By signing below as a declarant, each inventor declares the following:

**NOW, THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby assign to ASSIGNEE our entire right, title and interest in the PATENT, together with all patents that may issue therefrom anywhere in the world;

**AND** we further agree to execute any powers of attorney, declarations, oaths and other documents that may be required to perfect such rights, title and interest in ASSIGNEE;

**FURTHER** the PARTIES hereby grant Boulware & Valoir the power to perfect and record this assignment and to insert on Exhibit A any further patent identification that may be necessary or desirable in order to record this assignment;

**FURTHER** this assignment is intended to be utilized as the required oath of declaration under Rule §1.63.

By signing below as a declarant, each inventor declares the following:

As the named inventor, I hereby declare that this declaration is directed to the above-identified United States application or PCT international application in Exhibit A.

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.

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.

IN WITNESS WHEREOF, I have hereunto set my hand this 14 day of MARCH, ~~2019~~ <sup>2021</sup> *rs*  
*KSV*

M. Murugavel

Assignor: Murugavel Kannan

CALGARY - ALBERTA

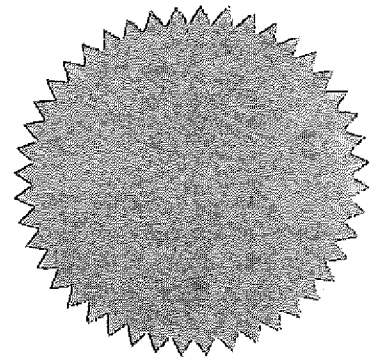
Province  
State of Alberta §  
City  
County of Calgary §  
§

On this 14<sup>th</sup> day of March, ~~2019~~<sup>2021</sup> before me, a Notary Public in and for the State and County aforesaid, personally appeared **Murugavel Kannan** known by me to be the <sup>person</sup> of the <sup>City</sup> above name who signed the foregoing instrument, and acknowledged the same to be his own free act and deed.

H Singal  
Notary Public

My Commission Expires:  
N/A

**HIMANSHU SINGAL**  
Member of  
Law Society of Alberta (Inactive)  
Notary Public in and for Alberta



No Legal Advice Sought or Given.  
Attected but not drawn by the Notary Public.

IN WITNESS WHEREOF, I have hereunto set my hand this \_\_\_ day of \_\_\_\_\_, 2019.

\_\_\_\_\_  
Assignor: Ramesh Sharma

State of \_\_\_\_\_ §  
County of \_\_\_\_\_ §

On this \_\_\_\_\_ day of \_\_\_\_\_, 2019 before me, a Notary Public in and for the State and County aforesaid, personally appeared **Ramesh Sharma** known by me to be the person of the above name who signed the foregoing instrument, and acknowledged the same to be his own free act and deed.

\_\_\_\_\_  
Notary Public

My Commission Expires:  
\_\_\_\_\_

## EXHIBIT A

APPLICATION NUMBER	FILING DATE	COUNTRY	TITLE
62/570,799	October 11, 2017	US	SAGD SALINE WATER SYSTEM OPTIMIZATION
16/156,957	October 11, 2018	US	SAGD SALINE WATER SYSTEM OPTIMIZATION

**ASSIGNMENT & DECLARATION**

**WHEREAS**, We, Murgavel Kannan and Ramesh Sharma, hereinafter referred to as "ASSIGNORS" have invented the invention described in the patent application title SAGD SALINE WATER SYSTEM OPTIMIZATION, identified in attached Exhibit A (the "PATENT");

**WHEREAS**, ConocoPhillips Company, located at 600 N. Dairy Ashford, Houston, TX, 77079, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in the PATENT (together the "PARTIES"), as well as any priority application, continuation, continuation-in-part, divisional, re-examination or re-issue application thereof, and any foreign counterpart application related thereto, and to any letter patent that may be granted therefor in the United States and in any and all foreign countries;

By signing below as a declarant, each inventor declares the following:

**NOW, THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby assign to ASSIGNEE our entire right, title and interest in the PATENT, together with all patents that may issue therefrom anywhere in the world;

**AND** we further agree to execute any powers of attorney, declarations, oaths and other documents that may be required to perfect such rights, title and interest in ASSIGNEE;

**FURTHER** the PARTIES hereby grant Boulware & Valoir the power to perfect and record this assignment and to insert on Exhibit A any further patent identification that may be necessary or desirable in order to record this assignment;

**FURTHER** this assignment is intended to be utilized as the required oath of declaration under Rule §1.63.

By signing below as a declarant, each inventor declares the following:

As the named inventor, I hereby declare that this declaration is directed to the above-identified United States application or PCT international application in Exhibit A.

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.

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.

IN WITNESS WHEREOF, I have hereunto set my hand this \_\_\_\_ day of \_\_\_\_\_, 2019.

\_\_\_\_\_  
Assignor: Murugavel Kannan

State of \_\_\_\_\_ §  
County of \_\_\_\_\_ §

On this \_\_\_\_\_ day of \_\_\_\_\_, 2019 before me, a Notary Public in and for the State and County aforesaid, personally appeared **Murugavel Kannan** known by me to be the person of the above name who signed the foregoing instrument, and acknowledged the same to be his own free act and deed.

\_\_\_\_\_  
Notary Public

My Commission Expires:  
\_\_\_\_\_

IN WITNESS WHEREOF, I have hereunto set my hand this 9<sup>th</sup> day of April, 2019.

RR Sharma  
\_\_\_\_\_

Assignor: Ramesh Sharma

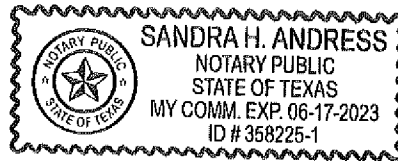


State of Texas §  
County of Harris §  
§

On this 9th day of April, 2019 before me, a Notary Public in and for the State and County aforesaid, personally appeared **Ramesh Sharma** known by me to be the person of the above name who signed the foregoing instrument, and acknowledged the same to be his own free act and deed.

Sandra H. Address  
Notary Public

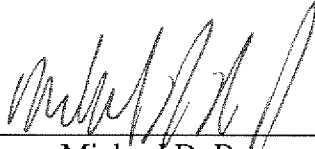
My Commission Expires:  
June 17, 2019



**EXHIBIT A**

<b>APPLICATION NUMBER</b>	<b>FILING DATE</b>	<b>COUNTRY</b>	<b>TITLE</b>
62/570,799	October 11, 2017	US	SAGD SALINE WATER SYSTEM OPTIMIZATION
16/156,957	October 11, 2018	US	SAGD SALINE WATER SYSTEM OPTIMIZATION

ConocoPhillips Company hereby accepts this Assignment in its entirety on this 12<sup>th</sup> day of March 2021.



Michael D. Berger  
Lead Patent Agent and  
Attorney-in-Fact

Notarization:

Executed this 12<sup>th</sup> day of March in the year 2021.

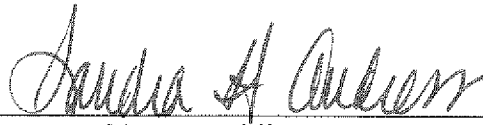
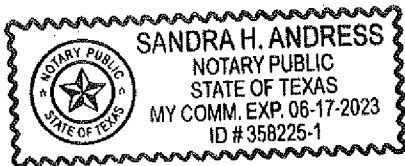
At Houston, Texas

State of Texas                    )  
  )  
County of Harris                )

Before me personally appeared

\_\_\_\_\_  
Michael D. Berger

who acknowledged the foregoing instrument to be a free act and deed and also represented that he is authorized to execute the same this 12<sup>th</sup> day of March in the year 2021.



\_\_\_\_\_  
(Notary Public)

[SEAL]