504991510 07/06/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5038258

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PRADEEP ANANTH GOVIND	12/12/2016
THOMAS J. WHEELER	12/07/2016

RECEIVING PARTY DATA

Name:	CONOCOPHILLIPS COMPANY
Street Address:	600 N. DAIRY ASHFORD, LEGAL DEPT TECHNOLOGY & IP ATTN DOCKETING
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77079-1175

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15274235

CORRESPONDENCE DATA

Fax Number: (281)293-4689

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.

Phone: 281-293-1460

Email: Legal-IP@conocophillips.com
Correspondent Name: CONOCOPHILLIPS COMPANY
Address Line 1: 600 N. DAIRY ASHFORD

Address Line 2: LEGAL DEPT TECHNOLOGY & IP ATTN DOCKETING

Address Line 4: HOUSTON, TEXAS 77079-1175

ATTORNEY DOCKET NUMBER:	42359US02	
NAME OF SUBMITTER:	SANDRA ANDRESS	
SIGNATURE:	/Sandra Andress/	
DATE SIGNED:	07/06/2018	

Total Attachments: 7

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Assignment of Rights, Title and Interest in Invention	Docket No.: 42359US02	
As the below named inventor(s), I/we declare that this is an Assignment of		
interest in the following invention:	aro irgino, ano ana	
Rights, title and interest in the invention including United States applied	~	
X United States Provisional Patent Application Serial No. <u>62/222,543</u> fi X United States Utility Patent Application Serial No. <u>15/274,235</u> filed		
United States Patent No(s).		
X Foreign rights, title and interest in the invention including internation patents	al applications and	
International (PCT) Patent Application Serial No.	filed	
Other (specify) Title of the Invention		
THERMAL CONDITIONING OF FISHBONES	\$	
Whereas, I/we, the below-identified Inventors, have invented certain new ar	nd useful improvements	
in the Invention identified above and described in the above-identified pater	nt application(s) and/or	
patent(s) (hereinafter referred to as "Invention");		
I/we desire to assign our above-identified rights, title and interest in the Inve	ention to the below-	
identified Assignee;		
Therefore, for valuable consideration, the receipt of which is acknowledged	, I/we hereby assign, sell	
and transfer our above-identified rights, title and interest in said Invention, s	said application(s) as	
identified above, including any divisions, continuations, and continuations-i	in-part thereof, and any	
and all Letters Patent of the United States, and countries foreign thereto, wh	ich may be granted or	
have granted for said Invention, and in and to any and all reissues and reexa	minations thereof, and in	
and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us		
with respect to the filing of applications for patents or securing of patents in the United States and		
countries foreign thereto, unto said Assignee;		
I/we hereby authorize and request the Director of the United States Patent at	nd Trademark Office to	
issue any United States Letters Patent which may issue for said Invention to said Assignee, as		
assignee of the whole right title and interest thereto;		
I/we agree to sign and execute all necessary and lawful documents, including	g applications for	
foreign patents, for filing divisions, continuations and continuations-in-part	of said application for	
patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for		
my aforesaid Invention, as the Assignee or its Designee(s) may from time to	time require and	
prepare at its own expense.		

Assignment of Rights, Title and Interest in Invention		Docket No.: 42359US02	
I/we hereby acknowledge that any willful under 18 U.S.C. 1001 by fine or imprison:		7	The same of the sa
Assignors First Inventor: Sergei A. FILATYEV Signature:	Address: <u>15726 Knoli Lake D</u> 77095 Citizenship: RU D	rive, Houston, TX	
Second Inventor: <u>Pradeep Ananth</u> GOVIND Signature: Alphany	Address: 240-11th Ave. SW, Un T2ROC3, Canada 2323 Count Citizenship: 38-01 B D		33494 33494
Third Inventor: Thomas J. WHEELER Signature:	Address: <u>600 N. Dairy Ashford</u> Citizenship:D	l, Housion, TX 77079 ate:	A Company of the Comp
Assignce ConocoPhillips Company hereby accepts assignment of the above referenced patent application.			
Name: ConocoPhillips Company	Mailing Address: 600 North Da		- The state of the
Patent [Attorney/Agent] and Attorney-in-	Fact <u>United States</u>	of America	

ConocoPhillips Company

Assignment of Rights, Title and Interest in Invention	Docket No.: 42359US02
Notarization Executed this 12 day of IECEMBER in the year 2016	
At Houston (city TERAS	(State)
State of	
County of HARRAS	
Before me personally appeared PRADEEP ANATH GOVIND	
who acknowledged the foregoing instrument to be a free act and deed and he/she is authorized to execute the same this day of	
CANDLE MAINLINE CANDLE MAINLINE CANDLE MAINLINE CANDLE MAINLINE (Notary Public) Services 05-24-2020 Notary ID 401234 [SEAL]	- 0.207-
My Commission Expires:	

Assignment of Rights, Title and Interest in Invention	Docket No.: 42359US02	
As the below named inventor(s), I/we declare that this is an Assignment of	the rights, title and	
interest in the following invention: X Rights, title and interest in the invention including United States apply	ications and natouts	
X Itights, the una interest in the invention including Office States applied United States Provisional Patent Application Serial No. 62/222,543 f	-	
X United States Utility Patent Application Serial No. <u>15/274,235</u> filed		
United States Patent No(s).	7 7 1	
X Foreign rights, title and interest in the invention including internation patents	ial applications and	
International (PCT) Patent Application Serial No	filed	
Other (specify)		
Title of the Invention THERMAL CONDITIONING OF FISHBONE	28	
Whereas, I/we, the below-identified Inventors, have invented certain new a		
in the Invention identified above and described in the above-identified pate	•	
patent(s) (hereinafter referred to as "Invention");	(-)	
I/we desire to assign our above-identified rights, title and interest in the Inv	ention to the below-	
identified Assignee;		
Therefore, for valuable consideration, the receipt of which is acknowledged	d, I/we hereby assign, sell	
and transfer our above-identified rights, title and interest in said Invention,	said application(s) as	
identified above, including any divisions, continuations, and continuations-	in-part thereof, and any	
and all Letters Patent of the United States, and countries foreign thereto, w	hich may be granted or	
have granted for said Invention, and in and to any and all reissues and reex	aminations thereof, and in	
and to any and all priority rights, Convention rights, and other benefits according	ruing or to accrue to us	
with respect to the filing of applications for patents or securing of patents in the United States and		
countries foreign thereto, unto said Assignee;		
I/we hereby authorize and request the Director of the United States Patent a	and Trademark Office to	
issue any United States Letters Patent which may issue for said Invention to	o said Assignee, as	
assignee of the whole right title and interest thereto;		
I/we agree to sign and execute all necessary and lawful documents, including	ng applications for	
foreign patents, for filing divisions, continuations and continuations-in-part	t of said application for	
patent, and/or, for obtaining any reissue or reissues of any Letters Patent w	hich may be granted for	

my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and

prepare at its own expense.

I/we 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. Assignors First Inventor: Sergei A. FILATYEV Signature: Second Inventor: Pradeep Ananth GOVIND Signature: TARCC3. Canada Citizenship: Date: Address: 240 11th Ave. SW. Unit 610, Calgary, AB. T2ROC3. Canada Citizenship: Date: Address: 600 N. Dairy Ashford, Houston, TX 77079 Citizenship: Date: 7 No. 2.60th Assignee ConocoPhillips Company hereby accepts assignment of the above referenced patent application. Mailing Address: 600 North Dairy Ashford Houston, Texas 77079-1175 United States of America	Assignment of Rights, Title and Interest in Invention		Docket No.: 42359US02
Assignors First Inventor: Sergei A. FILATYEV Signature: Second Inventor: Pradeep Ananth GOVIND Signature: Third Inventor: And Inventor: And Inventor: Informas J. WHEELER Signature: ConocoPhillips Company hereby accepts assignment of the above referenced patent application. Name: ConocoPhillips Company Patent [Attorney/Agent] and Attorney-in-Fact Address: 15726 Knoll Lake Drive, Houston, TX TOPS Citizenship: RU Date: Address: 240 11th Ave. SW, Unit 610, Calgary, AB, T2ROC3, Canada Citizenship: Date: Citizenship: Citizenship: Mailing Address: 600 North Dairy Ashford Houston, Tx 77079-1175 United States of America	Live hereby acknowledge that any willful false statement made in this declaration is punishable		
Assignors First Inventor: Sergei A. FILATYEV Signature: Citizenship: RU Second Inventor: Pradeep Ananth GOVIND Signature: Third Inventor: Thomas J. WHEELER Signature: Citizenship: Date: Third Inventor: Thomas J. WHEELER Signature: Citizenship: Date: Address: 600 N. Dairy Ashford, Houston, TX 77079 Citizenship: Date: Por Date: ConocoPhillips Company hereby accepts assignment of the above referenced patent application. Name: ConocoPhillips Company Mailing Address: 600 North Dairy Ashford Houston, Texas 77079-1175 United States of America			
First Inventor: Sergei A. FILATYEV Signature: Second Inventor: Pradeep Ananth GOVIND Signature: Third Inventor: Thomas J. WHEELER Signature: ConocoPhillips Company hereby accepts assignment of the above referenced patent application. Name: ConocoPhillips Company Patent [Attorney/Agent] and Attorney-in-Fact Address: 15726 Knoll Lake Drive, Houston, TX 77095 Citizenship: RU Date: Date: Address: 240 11th Ave. SW, Unit 610, Calgary, AB, T2ROC3, Canada Citizenship: Date: Citizenship: Date: Address: 600 N. Dairy Ashford, Houston, TX 77079 Citizenship: Mailing Address: 600 North Dairy Ashford Houston, Texas 77079-1175 United States of America		ment of not more than 1170 (b) J.	
Signature: Second Inventor: Pradeep Ananth Address: 240 IIth Ave. SW, Unit 610, Calgary, AB, T2ROC3, Canada Signature: Third Inventor: Thomas J. WHEELER Address: 600 N. Dairy Ashford, Houston, TX 77079 Signature: Citizenship: Date: Date: Por Date: Po		Address: 15726 Knoll Lake I	Prive. Houston, TX
Citizenship: RU Date:	i .		
Tancon Concophillips Company Patent [Attorney/Agent] and Attorney-in-Fact Tancon Citizenship: Date:	Signuture.	Citizenship: RUL	
Signature: Third Inventor: Thomas J. WHEELER Signature: Citizenship: Address: 600 N. Dairy Ashford, Houston, TX 77079 Citizenship: Citizenship: Citizenship: Citizenship: Date: Date: Dat	Second Inventor: Pradeep Ananth		nit 610, Calgary, AB,
Assignee ConocoPhillips Company Name: ConocoPhillips Company Patent [Attorney/Agent] and Attorney-in-Fact Address: 600 N. Dairy Ashford, Houston, TX 77079 Citizenship: \(\sum \) \(GOVIND		Noda.
Assignee ConocoPhillips Company hereby accepts assignment of the above referenced patent application. Name: ConocoPhillips Company Mailing Address: 600 North Dairy Ashford Houston, Texas 77079-1175 United States of America	Signature:	Citigotistry	
Assignee ConocoPhillips Company hereby accepts assignment of the above referenced patent application. Name: ConocoPhillips Company Mailing Address: 600 North Dairy Ashford Houston, Texas 77079-1175 United States of America	, 2N V 27		Date: 7 Da: 206
ConocoPhillips Company hereby accepts assignment of the above referenced patent application. Name: ConocoPhillips Company Mailing Address: 600 North Dairy Ashford Houston, Texas 77079-1175 United States of America United States of America	Signature:	Cuttensup. (7.3)	The same Value of the same of
ConocoPhillips Company hereby accepts assignment of the above referenced patent application. Name: ConocoPhillips Company Mailing Address: 600 North Dairy Ashford Houston, Texas 77079-1175 Patent [Attorney/Agent] and Attorney-in-Fact United States of America	ĭ		
ConocoPhillips Company hereby accepts assignment of the above referenced patent application. Name: ConocoPhillips Company Mailing Address: 600 North Dairy Ashford Houston, Texas 77079-1175 United States of America United States of America			!
Name: ConocoPhillips Company Mailing Address: 600 North Dairy Ashford Houston, Texas 77079-1175 Patent [Attorney/Agent] and Attorney-in-Fact United States of America	Assignee		1
Patent [Attorney/Agent] and Attorney-in-Fact Content Number 600 North Dairy Ashford Houston, Texas 77079-1175 United States of America	ConocoPhillips Company hereby accepts	assignment of the above referen	nced patent application.
Patent [Attorney/Agent] and Attorney-in-Fact Houston, Texas 77079-1175 United States of America	Name: ConocoPhillips Company	, 0	nairy Ashford
Patent [Attorney/Agent] and Attorney-in-Fact United States of America			
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		-1 dot <u>Simou stage</u>	
	1		

Assignment of Rights, Title and Interest in Invention	Docket No.: 42359US02
Notarization Executed this day of Delimited in the year 2016	•
At Mounton (city Lecar	(State)
State of	
County of MANUS	
Before me personally appeared	
Thomas I. Wheeler	
who acknowledged the foregoing instrument to be a free act and deed and he/she is authorized to execute the same this day of Ole Mula day of (Notary Public)	
SANDRA H. ANDRE S Notary Public, State of Texas Comm. Expires 06-17 2019 Notary ID 1 160225-1	
My Commission Expires: (0.17 2019 10 - 358225-1	

	_Mullellellellellellellellellellellellelle
	Michael D. Berger Lead Patent Agent and Attorney-in-Fact ConocoPhillips Company
Notarization Executed this 6 th day of July in the year 2018.	•
At Houston, Texas	
State of Texas	
County of Harris	
Before me personally appeared	
Michael D. Berger	
who acknowledged the foregoing instrument to b	
	(Notary Public)
SANDRA H. ANDRESS Notary Public, State of Texes Comm. Expires 06-17-2019 Notary ID 358225-1	

ConocoPhillips Company hereby accepts this Assignment on this day of July, 2018.

PATENT REEL: 046278 FRAME: 0122

RECORDED: 07/06/2018