## 505259749 01/03/2019

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT5306521 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MIKHAIL Y. GELFER	03/18/2014
AMBER STEPHENSON	03/17/2014
VENKAT S. MINNIKANTI	04/12/2014
MARK BROWN II	03/17/2014
ARJUN RAGHURAMAN	03/25/2014

#### RECEIVING PARTY DATA

Name:	DOW GLOBAL TECHNOLOGIES LLC
Street Address:	2040 DOW CENTER
City:	MIDLAND
State/Country:	MICHIGAN
Postal Code:	48674

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15025173

#### **CORRESPONDENCE DATA**

**Fax Number:** (215)938-1982

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:** 215-938-1981

Email: GARYCOHN@SEATTLEPATENT.COM

Correspondent Name: THE DOW CHEMICAL COMPANY -- GARY C COHN

Address Line 1: 325 7TH AVENUE, #203

Address Line 4: SAN DIEGO, CALIFORNIA 92101

ATTORNEY DOCKET NUMBER:	75102-US-PCT
NAME OF SUBMITTER:	GARY C. COHN
SIGNATURE:	/garyccohn/
DATE SIGNED:	01/03/2019

**Total Attachments: 3** 

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### INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION

(with Priority Rights)

I/we verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled: SYNTACTIC POLYURETHANE ELASTOMERS HAVING DISTINCT MORPHOLOGY FOR USE IN SUBSEA PIPELINE INSULATION

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below my/our name(s). I/we acknowledge that I/we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for our respective employers. As trustee(s), and for good and valuable consideration and/or the remuneration received for my/our work. I/we sell, assign and transfer unto:

Dow Global Technologies LLC 2040 Dow Center

Midland, Michigan 48674

an entity organized and existing under the laws of the state of Delaware (hereinafter referred to as the "Assignce"), my/our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make applications, including provisional applications when permitted by law, for Letters Patent in its own name, or to the name of its designee (or nomine(s)); and all rights and powers to file any corresponding or equivalent applications in any and all countries, including all rights to claim priority under all United States domestic laws, International Convention(s) and Treaties in the name of Assignee, and do hereby authorize Assignee or its designee to insert here the Priority Number, Filing Date, and Filing Country

	······		
Priority Number Filing Date Filing Country			
61/897,355	October 30, 2013	United States of America	

of the application, on which the claim for priority will be based, and in and to any Letters Patent that may be issued for the invention in any and all countries. I/we do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition or litigation which may arise involving the invention or the patent or patents thereon, and to execute for any and all countries any document relating to applications derived from, corresponding to or equivalent to the above identified application as Assignee may request.

I/we authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that any such Letters Patent be issued to Assignee; and consent to the recordat of this Assignment, or a Notarial True Copy thereof, being under covenant not only that I/we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.

Subscribed and Declared by me/us

at: Freeport, Texas 77541 USA	At: Freeport, Texas 77541 USA
nis // day of /// APECA , 20 / 9	this 17 day of march , 20 14
iffective as of October 30, 2013	Effective as of October 30, 2013
ignature: Jakhail Y Gelfer	Signature: Amber Stephenson
- '	Residence: 107 Dewherry Drive
lesidence: 23 Tredington Court	1
Sugarland, Texas 77479	Lake Jackson, Texas 77566
Country: United States of America	Country: United States of America
itizenship: United States of America	Citizenship: United States of America
O. Address: Same as Residence	P.O. Address: Same as Residence
imployed By: The Dow Chemical Company	Employed By: The Dow Chemical Company
Of Country: United States of America	Of Country: United States of America

At: AC	day of APAREN	AP ISo NA.
	of October 30, 2013	
Signature:		
Full Name:	Venkat S. Minnikanti	
Residence:	4793 S. Citation Drive, Apt 205	
	Delray Beach, Florida 33445	
Country: Ur	uted States of America	
Citizenship:	India	
P.O. Addres	ss: Same as Residence	
Employed E	By: The Dow Chemical Company*	
Of Country:	United States of America	

(X) Additional names and signatures are attached

\*at the time of invention,

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## INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION

(with Priority Rights)

I/we verify believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled: SYNTACTIC POLYURETHANE ELASTOMERS HAVING DISTINCT MORPHOLOGY FOR USE IN SUBSEA PIPELINE INSULATION

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below my/our name(s). I/we acknowledge that I/we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for our respective employers. As trustee(s), and for good and valuable consideration and/or the remuneration received for my/our work. I/we sell, assign and transfer unto:

Dow Global Technologies LLC 2040 Dow Center

Midland, Michigan 48674 an entity organized and existing under the laws of the state of **Delaware** (hereinafter referred to as the "Assignee"); my/our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make applications, including provisional applications when permitted by law, for Letters Patent in its own name, or in the name of its designee (or nomine(s)); and all rights and powers to file any corresponding or equivalent applications in any and all countries, including all rights to claim priority under all United States domestic laws, International Convention(s) and Treaties in the name of Assignee, and do hereby authorize Assignee or its designee to insert here the Priority Number, Filing Date, and Filing Country

Priority Number	Filing Date	Filing Country
61/897.355	October 30, 2013	United States of America

of the application, on which the claim for priority will be based; and in and to any Letters Patent that may be issued for the invention in any and all countries. I/we do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition or litigation which may arise involving the invention or the patent or patents thereon, and to execute for any and all countries any document relating to applications derived from, corresponding to or equivalent to the above identified application as Assignee may request.

I/we authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that any such Letters Patent be issued to Assignee; and consent to the recordal of this Assignment, or a Notarial True Copy thereof, being under covenant not only that I/we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.

Subscribed and Declared by me/us:

Al:	Freeport, Texas 77541 USA	1	[At:
this	day of	, 20	this c
Effective	as of October 30, 2013		Effective as of O
Signature	=		Signature:
Full Name	e: Mikhail Y. Gelfer		Full Name: Amb
Residence	: 23 Tredington Court		Residence: 107
	Sugarland, Texas 77479		Lake
Country:	United States of America		Country: United S
Citizenshi	ip: United States of America	1	Citizenship: Unit
P.O. Addi	ress: Same as Residence	•	P.O. Address: Sa
Employed	By: The Dow Chemical Company		Employed By: T
Of Counti	ry: United States of America		Of Country: Unit

A!: Delray Beach, Florida 33445 VM
this 17th day of April , 20 14
Effective as of October 30, 2013
Signature: MMcEsma
Full Name: Venkat S. Minnikami
Residence: 4793 S. Citation Drive, Apt 205
Delray Beach, Florida 33445
Country: United States of America
Citizenship: India
P.O. Address: Same as Residence
Employed By: The Dow Chemical Company*
Of Country: United States of America

At: Freeport, Texas 77541 USA
this day of ,20

Effective as of October 30, 2013

Signature:
Full Name: Amber Stephenson
Residence: 107 Dewberry Drive
Lake Jackson, Texas 77566

Country: United States of America
Citizenship: United States of America
P.O. Address: Same as Residence
Employed By: The Dow Chemical Company
Of Country: United States of America

At:	Freeport, Texas 77541 U	SA
this	day of	20
Effective as	of October 30, 2013	
Signature:		
Full Name:	Mark Brown II	
Residence:	111 Blue Bird Court	
	Richwood, Texas 77531	
Country: Ur	iited States of America	
Citizenship	United States of America	
P.O. Addres	ss: Same as Residence	
Employed I	By: Kelly Services, Inc.	
Of Country:	United States of America	

<sup>(</sup>X) Additional names and signatures are attached.

<sup>\*</sup>at the time of invention.

At: Freeport, Texas 77541	USA	At:		
At: Freeport, Texas 77541 this 25 day of MROLH	. 20 Her	this	day of	. 20
IEffective as of Ostober 20, 2013			· · · · · · · · · · · · · · · · · · ·	
1:12				
Signature:		Signature:		
Full Name: Arjun Raghuraman		[Full Name:		
Residence: 13105 Southern Way Lane		Residence:		
Pearland, Texas 77584				
Country: United States of America		Country:		
Citizenship: United States of America		Citizenship:		
P.O. Address: Same as Residence		P.O. Address:		
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PATENT REEL: 047886 FRAME: 0411