

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5785522

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BARRY BRENT FISH	06/12/2017
ANDRZEJ MALEK	06/12/2017
BRIEN A. STEARS	06/14/2017
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:	16607780
CORRESPONDENCE DATA	
Fax Number:	(937)449-6405
<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>	
Phone:	9374496400
Email:	daytonipdocket@dinsmore.com
Correspondent Name:	DINSMORE & SHOHL LLP
Address Line 1:	ONE SOUTH MAIN ST., FIFTH THIRD CENTER
Address Line 2:	SUITE 1300
Address Line 4:	DAYTON, OHIO 45402
ATTORNEY DOCKET NUMBER:	80310-US-PCT/DOW 80310 PA
NAME OF SUBMITTER:	KATHERINE GHEARING
SIGNATURE:	/Katherine Ghearing/
DATE SIGNED:	10/24/2019
Total Attachments: 4	
source=Assign - Inv to DGTL#page1.tif	
source=Assign - Inv to DGTL#page2.tif	
source=Assign - Inv to DGTL#page3.tif	

ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE: **DOW GLOBAL TECHNOLOGIES LLC**
2040 Dow Center
Midland, Michigan 48674
United States of America

hereby accept the ASSIGNMENT which is dated: June 12, 2017; June 12, 2017; and June 14, 2017;
effective as of April 28, 2017

From, the ASSIGNORS: Barry Brent Fish, at 2301 N. Brazosport Blvd., Freeport, Texas 77541,
United States of America; Andrzej Malek, at 4165 Spring Hill Rd, Midland, Michigan 48642, United
States of America; and Brien A. Stears, at 2301 North Brazosport Boulevard, Freeport, Texas 77541,
United States of America

of the invention entitled:

**PROCESSES AND SYSTEMS FOR SEPARATING CARBON DIOXIDE IN THE
PRODUCTION OF ALKANES**

without any restrictions and with all rights and obligations deriving therefrom and declare that this
confirmation of acceptance shall be deemed a part of the said ASSIGNMENT.

Signed at Midland, Michigan 48674, USA

this 7 day of July, 20 17

DOW GLOBAL TECHNOLOGIES LLC

By: 

SUSAN M. ZERULL
Authorized Representative

CORP.
SEAL

This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R/Date.

This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R/Date.

FORM 110 (R 3/97)

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: **PROCESSES AND SYSTEMS FOR SEPARATING CARBON DIOXIDE IN THE PRODUCTION OF ALKANES**

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
United States of America

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 nominee(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
62/491,663	April 28, 2017	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:

At: Freeport, Texas 77541, USA
this 12 day of June, 20 17
Effective as of April 28, 2017
Signature: *Barry Brent Fish*
Full Name: Barry Brent Fish
Mailing Address: 2301 N. Brazosport Blvd.
Freeport, Texas 77541
United States of America

At: Midland, Michigan 48674, USA
this _____ day of _____, 20 ____
Effective as of April 28, 2017
Signature: _____
Full Name: Andrzej Malek
Mailing Address: 1776 Building, Washington Street
Midland, Michigan 48674
United States of America

At: Freeport, Texas 77541, USA
this _____ day of _____, 20 ____
Effective as of April 28, 2017
Signature: _____
Full Name: Brian A. Stears
Mailing Address: 2301 North Brazosport Blvd.
Freeport, Texas 77541
United States of America

At: _____
this _____ day of _____, 20 ____
Effective as of April 28, 2017
Signature: _____
Full Name: _____
Mailing Address: _____

[illegible]

This Assignment File is in the UNICUS language and has the same meaning in other languages with the same i (id) number and P/Date

FORM 110 (R 5/97)

(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: **PROCESSES AND SYSTEMS FOR SEPARATING CARBON DIOXIDE IN THE PRODUCTION OF ALKANES**

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
United States of America

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 nominee(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
62/491,663	April 28, 2017	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 recording 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
this _____ day of _____, 20____
Effective as of April 28, 2017

Signature: _____
Full Name: Barry Brent Fish
Mailing Address: 2301 N. Brazosport Blvd.
Freeport, Texas 77541
United States of America

At: Midland, Michigan 48674, USA
this 12 day of June, 20 17
Effective as of April 28, 2017
Signature: *Andrzej Malek*
Full Name: Andrzej Malek
Mailing Address: 1776 Building, Washington Street
Midland, Michigan 48674
United States of America

At: Freeport, Texas 77541, USA
 this day of , 20
 Effective as of April 28, 2017

Signature: _____
 Full Name: Brien A. Stears
 Mailing Address: 2301 North Brazosport Blvd.
Freeport, Texas 77541
United States of America

At: _____
this _____ day of _____, 20____
Signature: _____
Full Name: _____
Mailing Address: _____

This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R7Date.

This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R7Date.

FORM 110 (R 5/97)

INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION (with Priority Rights)

I/we verily believe I am/we are the original, first and solo/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled: **PROCESSES AND SYSTEMS FOR SEPARATING CARBON DIOXIDE IN THE PRODUCTION OF ALKANES**

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
United States of America

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 nominee(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
62/491,663	April 28, 2017	United States of America

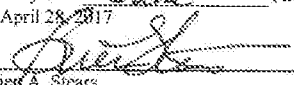
of the application, on which the claim for priority will be based, and in and to any Letters Patent that may be issued for the invention in any and all countries. I/we do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition or litigation 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:

At: Freeport, Texas 77541, USA
this _____ day of _____, 20____
Effective as of April 28, 2017
Signature: _____
Full Name: Harry Brent Fish
Mailing Address: 2301 N. Brazosport Blvd.
Freeport, Texas 77541
United States of America

At: Midland, Michigan 48674, USA
this _____ day of _____, 20____
Effective as of April 28, 2017
Signature: _____
Full Name: Andrzej Malek
Mailing Address: 1776 Building, Washington Street
Midland, Michigan 48674
United States of America

At: Freeport, Texas 77541, USA
this 14 day of June, 2017
Effective as of April 28, 2017
Signature: 
Full Name: Brian A. Stears
Mailing Address: 2301 North Brazosport Blvd.
Freeport, Texas 77541
United States of America

At: _____
this _____ day of _____, 20____
Effective as of April 28, 2017
Signature: _____
Full Name: _____
Mailing Address: _____

PATENT