

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6569956

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MANISH SHARMA	10/04/2018
BRIAN W. GOODFELLOW	10/04/2018
DAVID F. YANCEY	10/08/2018
ANDRZEJ MALEK	10/05/2018
ERIC E. STANGLAND	10/04/2018
RECEIVING PARTY DATA	
Name:	DOW GLOBAL TECHNOLOGIES LLC
Street Address:	2211 H.H. DOW WAY
City:	MIDLAND
State/Country:	MICHIGAN
Postal Code:	48674
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17271093
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 STREET
Address Line 2:	FIFTH THIRD CENTER, SUITE 1300
Address Line 4:	DAYTON, OHIO 45402
ATTORNEY DOCKET NUMBER:	82139-US-PCT/DOW 82139 PA
NAME OF SUBMITTER:	KATHERINE GHEARING
SIGNATURE:	/Katherine Ghearing/
DATE SIGNED:	02/25/2021
Total Attachments: 5	

source=82139 Assignments#page1.tif
source=82139 Assignments#page2.tif
source=82139 Assignments#page3.tif
source=82139 Assignments#page4.tif
source=82139 Assignments#page5.tif

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

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 sole/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled: **METHODS OF PRODUCING HYDROGEN-SELECTIVE OXYGEN CARRIER MATERIALS**

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
62/725,504	August 31, 2018	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.

U/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 U/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 August 31, 2018

Signature: _____

Full Name: Manish Sharma
 Mailing Address: 2301 N. Brazosport Blvd
Freeport, Texas 77541
United States of America

At: _____ Freeport, Texas 77541, USA
this _____ day of _____, 20____
Effective as of August 31, 2018

Signature: _____
Full Name: Brian W. Goodfellow
Mailing Address: 2301 N. Brazosport Blvd
Freeport, Texas 77541
United States of America

At: Midland, Michigan 48674, USA
 this 8 day of October, 20 18
 Effective as of August 31, 2018
 Signature: David F. Yancey
 Full Name: David F. Yancey
 Mailing Address: 633 Washington Street
 Midland, Michigan 48667
 United States of America

At: _____ Midland, Michigan 48674, USA
this _____ day of _____, 20____
Effective as of August 31, 2018

Signature: _____
Full Name: Andrzej Malek
Mailing Address: 633 Washington Street
Midland, Michigan 48667
United States of America

At: Midland, Michigan 48674, USA
this _____ day of _____, 20 _____
Effective as of August 31, 2018
Signature: _____
Full Name: Eric E. Stangland
Mailing Address: 633 Washington Street
Midland, Michigan 48667
United States of America

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

PATENT

REEL: 055403 FRAME: 0619

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

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FORM 110 (R 5/97)

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(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: **METHODS OF PRODUCING HYDROGEN-SELECTIVE OXYGEN CARRIER MATERIALS**

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
62/725,504	August 31, 2018	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: <u>Freeport, Texas 77541, USA</u> this _____ day of _____, 20____ Effective as of August 31, 2018 Signature: _____ Full Name: <u>Manish Sharma</u> Mailing Address: <u>2301 N. Brazosport Blvd</u> <u>Freeport, Texas 77541</u> <u>United States of America</u>
--

At: <u>Freeport, Texas 77541, USA</u> this _____ day of _____, 20____ Effective as of August 31, 2018 Signature: _____ Full Name: <u>Brian W. Goodfellow</u> Mailing Address: <u>2301 N. Brazosport Blvd</u> <u>Freeport, Texas 77541</u> <u>United States of America</u>
--

At: <u>Midland, Michigan 48674, USA</u> this _____ day of _____, 20____ Effective as of August 31, 2018 Signature: _____ Full Name: <u>David F. Yancey</u> Mailing Address: <u>633 Washington Street</u> <u>Midland, Michigan 48667</u> <u>United States of America</u>
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At: <u>Midland, Michigan 48674, USA</u> this <u>5</u> day of <u>October</u> , 20 <u>18</u> Effective as of August 31, 2018 Signature: <u>Andrzej Matek</u> Full Name: <u>Andrzej Matek</u> Mailing Address: <u>633 Washington Street</u> <u>Midland, Michigan 48667</u> <u>United States of America</u>
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At: <u>Midland, Michigan 48674, USA</u> this _____ day of _____, 20____ Effective as of August 31, 2018 Signature: _____ Full Name: <u>Eric E. Stangland</u> Mailing Address: <u>633 Washington Street</u> <u>Midland, Michigan 48667</u> <u>United States of America</u>
--

At: _____ this _____ day of _____, 20____ Effective as of August 31, 2018 Signature: _____ Full Name: _____ Mailing Address: _____

(with Priority Rights)

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:

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

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.

Subscribed and Declared by me/us:

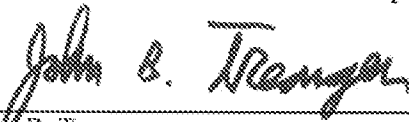
At: _____
this _____ day of _____, 20____

Signature: _____
Full Name: _____
Mailing Address: _____

CHANGE OF ADDRESS NOTIFICATION

Company Name:	Dow Global Technologies LLC
New Address:	2211 H.H. Dow Way Midland, Michigan 48674

I, John B. Treangen, being a representative of the above-identified company, hereby execute this notification confirming that Dow Global Technologies LLC has a new business location address, which is listed above. Our representative, Dinsmore & Shohl LLP, has the rights to update the business address on any, and all, documentation before the United States Patent and Trademark Office requiring the change.

Signature: 
John B. Treangen
Authorized Representative

Date: October 28, 2020