505225834 12/07/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

EPAS ID: PAT5272603

CONVEYING PARTY DATA

Name	Execution Date
JERZY KLOSIN	06/13/2016
ADRIANA I. MONCADA	06/13/2016
BRIAN W. WALTHER	05/26/2016
MICHAEL D. READ	06/13/2016

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:	15383232

CORRESPONDENCE DATA

Fax Number: (414)223-5000

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: 4149785559

Email: jere.polmatier@huschblackwell.com

Correspondent Name: JERE L. POLMATIER

Address Line 1: HUSCH BLACKWELL LLP

Address Line 2: 555 EAST WELLS STREET, SUITE 1900 Address Line 4: MILWAUKEE, WISCONSIN 53202-3819

ATTORNEY DOCKET NUMBER: DOW-39380

NAME OF SUBMITTER: JERE L. POLMATIER

SIGNATURE: /jlp/
DATE SIGNED: 12/07/2018

Total Attachments: 6

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PATENT 505225834 REEL: 047710 FRAME: 0036

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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: SULFONYLAZIDE DERIVATIVE FOR DIENE POLYMER

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
62/272,851	December 30, 2015	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: Midland, Michigan 48674 USA	At: Midland, Michigan 48674 USA
this 13 th day of	this 13th day of June, 20 16
Effective as of December 30,0015	7100 1 0 7 1 00 0017
1/1	AliantM
Signature: Chr Classe	Signature: Adviana I. Moncada
Full Name: Jepzy Klosin	Full Name: Adriana I. Moncada
Mailing Address: 1776 Building, Washington Street	Mailing Address: 433 Building
Midland, Michigan 48674	Midland, Michigan 48667
United States of America	United States of America
At: Midland, Michigan 48674 USA	At: Midland, Michigan 48674 USA
this day of, 20	this 131 day of
Effective as of December 30, 2015	Effective as of December 30, 2015
·	
Signature:	Signature:
Full Name: Brian W. Walther	Full Name: Michael D. Read
Mailing Address: 2301 N. Brazosport Blvd.	Mailing Address: 433 Building
Freeport, Texas 77541	Midland, Michigan 48667
United States of America	United States of America
At:	At:
this day of , 20	this day of , 20
	· · · · · · · · · · · · · · · · · · ·
Signature:	Signature:
Full Name:	Full Name:
Mailing Address:	Mailing Address:
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This Assignment 110 is in the INGLISH inspange and has the same meaning in other inequages with the trans 110 number and RObate.

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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

Midiand, Michigan 480 /4
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

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Subscribed and Declared by me/us:

At: Midland, Michigan 48674 USA	At; Midland, Michigan 48674 USA
this day of , 20	this day of ,20
Effective as of December 30, 2015	Effective as of December 30, 2015
Signature:	Signature:
Full Name: Jerzy Klosin	Full Name: Adriana I. Moncada
Mailing Address: 1776 Building, Washington Street Midland, Michigan 48674	Mailing Address: 1776 Building, Washington Street
United States of America	Midland, Michigan 48674
United States of Afficiency	United States of America
At: Midland, Michigan 48674 USA	At: Midland, Michigan 48674 USA
this 26 day of May ,20 16	this day of, 20
Effective as of December 80, 2015	Effective as of December 30, 2015
Simon Brown 11/ 11/04/2	
Signature: Full Name: Brian W. Walther	Signature:
Mailing Address: 2301 N. Brazosport Blvd.	Full Name: Michael D. Read
Freeport, Texas 77541	Mailing Address: 433 Building
United States of America	Midland, Michigan 48667
Ottifed Blattes of America	United States of America
At:	At:
this day of .20	this day of , 20
, , , , , , , , , , , , , , , , , , , ,	, 20, 20
Signature:	Signature:
Full Name:	Full Name:
Mailing Address:	Mailing Address:

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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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
62/379,328	August 25, 2016	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.

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Subscribed and Declared by me/us:

At: Mudland, MI	At:
this 19 day of October, 20 16	this day of , 20
Effective as of August 25, 2016	Effective as of August 25, 2016
Signature: Jesu Włoszy	Signature:
Full Name: Jerzycklosin	Full Name: Adriana I, Moncada
Mailing Address: 1-776 Building, Washington Street	Mailing Address: 433 Building
Midland, Michigan 48674	Midland, Michigan 48667
United States of America	United States of America
At:	At:
this, 20	this, 20
Effective as of August 25, 2016	Effective as of August 25, 2016
l	
Signature:	Signature;
Full Name: Brian W. Walther	Full Name: Michael D. Read
Mailing Address: 2301 N. Brazosport Blvd.	Mailing Address: 433 Building
Freeport, Texas 77541	Midland, Michigan 48667
United States of America	United States of America

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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

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Subscribed and Declared by me/us:

At:	At: Midland, Michigan, 48667, WA
this day of, 20	this 19 day of October , 20 16
Effective as of August 25, 2016	Effective as of August 25, 2016
Signature:	Signature: Adriana I. Montada
Full Name: Jerzy Klosin	Full Name: Adriana I, Moncada
Mailing Address: 1776 Building, Washington Street	Mailing Address: 433 Building
Midland, Michigan 48674	Midland, Michigan 48667
United States of America	United States of America
At:	At:
this, 20	this, 20
Effective as of August 25, 2016	Effective as of August 25, 2016
Signature:	Signature:
Full Name: Brian W. Walther	Full Name: Michael D. Read
Mailing Address: 2301 N. Brazosport Blvd.	Mailing Address: 433 Building
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United States of America	United States of America

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At:	At:	
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Effective as of August 25, 2016	Effective as of August 25, 2016	
Signature:	Signature:	
Full Name: Jerzy Klosin	Full Name: Adriana I. Moncada	
Mailing Address: 1776 Building, Washington Street	Mailing Address: 433 Building	
Midland, Michigan 48674	Midland, Michigan 48667	
United States of America	United States of America	
At: Freeport TX, Now Chemical, this 19 day of Oct , 20 16	At:	
Effective as of August 25, 2016	Effective as of August 25, 2016	
Signature: Burn W. Walle	Signature:	
Full Name Brian W. Walther	Full Name: Michael D. Read	
Mailing Address: 2301 N. Brazosport Blvd.	Mailing Address: 433 Building	
Freeport, Texas 77541	Midland, Michigan 48667	
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Signature:	Signature:
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Mailing Address: 1776 Building, Washington Street	Mailing Address: 433 Building
Midland, Michigan 48674	Midland, Michigan 48667
United States of America	United States of America
Au	TALL Monroe, Loashing
this day of 20	
Effective as of August 25, 2016	this 122 day of De 102 16
	Linective as of August 2/41016
Signature:	Signature: / /
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United States of America	United States of America

PATENT REEL: 047710 FRAME: 0043

RECORDED: 12/07/2018