504091652 11/11/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4138320

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LUKAS T. VILLIGER	12/12/2013
KENNETH M. DONNELLY	01/07/2014
PIERRE M. LENOIR	12/11/2013

RECEIVING PARTY DATA

Name:	ROHM AND HAAS COMPANY
Street Address:	100 INDEPENDENCE MALL WEST
City:	PHILADELPHIA
State/Country:	PENNSYLVANIA
Postal Code:	19106
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:	14646804

CORRESPONDENCE DATA

Fax Number: (989)636-3237

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: 989-636-8434
Email: jsoulas@dow.com

Correspondent Name: ROHM AND HAAS COMPANY

Address Line 1: C/O DOW GLOBAL TECHNOLOGIES LLC

Address Line 2: 2040 DOW CENTER

Address Line 4: MIDLAND, MICHIGAN 48674

Address Line 4. Wilder Mark 4007-

ATTORNEY DOCKET NUMBER: 73992-US

NAME OF SUBMITTER: JANICE SOULAS

PATENT 504091652 REEL: 040282 FRAME: 0576

SIGNATURE:	/JANICE SOULAS/
DATE SIGNED:	11/11/2016
Total Attachments: 7	
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FORM 110 (8.88%)

INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION

(with Priority Rights)

I'we verily believe I and 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: SYNERGISTIC COSIBINATION OF A LENACIL COMPOUND AND TERBUTBYN FOR DRY FILM PROTECTION

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). If 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 remaneration received for my/our work, I/we sell, assign and transfer unto:

Rohm and Hass Company 100 Independence Mail West Philodelphia, Pennsylvania 19106

an entity organized and existing under the laws of the state of Delaware (benefinafier referred to as the "Assignoe"); 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 designer (or nominec(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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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. If we do hereby agree to assist Assignce 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.

Vive 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 horstoften given.

Subscribed and Declared by me/us:

	<i>,</i>
At:	Att
this # day of JANNARY .20 IV	this day of , 20
Effective as of: November 30, 2012	Effective as of: November 30, 2012
17 1/2	Action to the control of the control
Signature. KeryLMDellay	Signature:
Full Name: Kenneth M. Donnelly	Pull Name: Lukas T. Villiger
Residence: 3212 Parkview Drive	Residence: Sternstrusse 3
§	
Bensalem, Pennsylvania 19020	CH-9470 Buchs
UNITED STATES OF AMERICA	SWITZERLAND
Country: United States of America	Country: Switzerland
Citizenship: United States of America	Citizenship: Switzerland
P.O. Address: Same as Residence	P.O. Address: Same as Residence
Employed By: Rohm and Haas Company	Employed By: Rohm and Hass Company
Of Country: United States of America	Of Country: United States of America

At:	Art
this day of , 20	this day of , 20
,,,,	
Signature	Signature:
Full Name:	Full Name:
3	
Residence:	Residence
Country:	Country:
Citizenship:	Citizenship;
P.O. Address:	P.O. Address:
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Employed By:	Employed By:
of Country:	Of Country:

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FORM 110 (8 5/97)

INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION

(with Priority Rights)

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: SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND TERBUTRYN FOR DRY FILM PROTECTION

which invention was made and invented by melus 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:

Rohm and Haas Company 100 Independence Mall West Philadelphia, Pennsylvania 19106

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 noninec(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 Hiling Country

Priority Number	Filing Date	Filing Country
61/731,686	Navember 30, 2012	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. If 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 nocessary; 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:	At Harach
this day of, 20	this A2 Vary of Dec , 20 A3
Effective as of: November 30, 2012	Effective as of: November 30, 2012
Signature:	Signature: 4. Valides
Full Name: Kenneth M. Donnetly Residence: 3212 Parkview Drive	Full Name: Lukas T. Villiger Residence: Sternstrasse 3
The state of the s	§
Bensulem, Pennsylvania 19020	CH-9470 Buchs
UNITED STATES OF AMERICA	SWITZERLAND
Country: United States of America	Country: Switzerland
Citizenship: United States of America	Citizenship: Switzerland
P.O. Address: Same as Residence	P.O. Address: Same as Residence
Employed By: Rohm and Haas Company	Employed By: Rohm and Haas Company
Of Country: United States of America	Of Country: United States of America
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At:	At:
At:	At:
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this day of, 20	this day of 20
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shis day of , 20, 20, Signature: Full Name;	Signature: Full Name:
this, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20	this day of 26 Signature:
this day of , 20 Signature: Full Name; Residence:	thisday of 26 Signature: Full Name: Residence:
this day of	thisday of 26 Signature: Full Name: Residence: Country:
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This Assignment 140 is at the ENELESS Language and has the same meaning in items languages with the name 110 market and 870see

FORM 110 (R 597)

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: SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND TERBUTRYN FOR DRY FILM PROTECTION

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 Europe GmbH Bachiobelstrasse 3 CH-8810 Horgen SWITZERLAND

an entity organized and existing under the laws of the state of Switzerland (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 previsional 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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61/731,686	November 30, 2012	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.

lowe 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, thense, or other right heretofore given.

Subscribed and Declared by me/us:

At: Hargela	At:
this II they of Decomposes . 20 (?)	this day of , 20
Effective as of: November 30, 2012	
Signature:	Signature:
Full Name: Pierre W. lectroff	Full Name:
Residence: Bachtelstrasse 36	Residence:
CH-8805 Richterswil	
SWITZERLAND	
Country: Switzerland	Country:
Citizenship: Switzerland	Chizenship:
P.O. Address: Same as Residence	P.O. Address:
Employed By: Dow Europe GmbH	Employed By:
Of Country: Switzerland	Of Country:

A 2 -	λ.).
At 37	At:
At: this day of , 20	At: this day of , 30
this day of , 20	***************************************
this day of	this day of, 20
thisday of	this, 20 Signature:
this day of 28 Signature: Full Name:	Signature: Full Name:
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this day of 28 Signature: Full Name: Residence:	Signature: Full Name: Residence:
this day of 28 Signature: Full Name: Residence: Country:	Signature: Full Name: Residence: Country:
this day of 28 Signature: Full Name: Residence: Country: Citizenship:	Signature: Full Name: Residence: Country: Citizenship;
this day of 28 Signature: Full Name: Residence: Country: Citizenship: P.O. Address:	Signature: Full Name: Residence: Country: Citizenship: P.O. Address:
this day of 28 Signature: Full Name: Residence: Country: Citizenship:	Signature: Full Name: Residence: Country: Citizenship;

DOW DOCKET NO.: 73992 jis

This Assignee Assignate 666 is to the ENGLISH language and less the same meaning in other languages with the same 666 member

BUILDING ACTION ACTION

This Assignee Acceptance 640 is in the UNGLISH language and has the same meaning at other languages with the state 660 number FORM 660

ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE:

DOW EUROPE GMBH Bachtobelstrasse 3 CH-8810 Horgen Switzerland

From, the ASSIGNOR: Pierre M. Lenoir, Bachtelstrasse 36, CH-8805 Richterswil, Switzerland, Citizen of Switzerland.

of the invention entitled:

SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND TERBUTRYN FOR DRY FILM PROTECTION

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 <u>2746</u>	day of February, 20 14
CORP. SEAL	DOW EUROPE GMBH By: DARRYL P. FRICKEY Authorized Representative

NOTARIAL CERTIFICATE

UNITED STATES OF AMERICA)		
STATE OF MICHIGAN) SS		
County/Parish of Midland).		
On this <u>OHH</u> day of <u>Fe<i>brua</i></u>	ini	, 20 Y	, personally appeared
before me, DARRYL P. FRICKEY, Au	thorized Repre	sentstive, kno	wn or identified to me to be
the individual described in and who execute			
a free act and deed for uses and purposes th	•	by authority of	f the said entity organized
and existing under the laws of SWITZERL			
I further certify that said authority, dated M	iarch 23, 2011,	is based on	

by authority of a Power of Atturney

which I have seen, appointing the said individual Authorized Representative with full power to sign the foregoing document on behalf of the said entity and that the purposes for which said document is granted are within the scope of the objects or activities of said entity.

SEAL

Hebeco Sur Hollingsbeid NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN NY COMMISSION EXPINES November 28, 2016

Hellengelbeard

DOW DOCKET NO.: 73992 jls

The Assignment 440 is in the ENCLISE language and has the same meaning in other languages with the same 440 member

This Assignment, 440 is in the ENGLISH language and bearing same meaning in other languages with the same 440 member FORM 440

ASSIGNMENT

(with Priority Rights)

INVENTORSHIP DECLARATION

We, ASSIGNOR, 60

DOW EUROPE GMBH Bachtobeistrasse 3 CH-8810 Horgen Switzerland

an entity organized and existing under the laws of SWITZERLAND do hereby claim and declare that we hold the invention and all patent and other rights and powers obtainable or exercisable in respect dieseof from the sole, true and first inventorists.

Piene M. Lenoir, Bachtelstmase 36, CH-6805 Richterswil, Switzerland, Citizen of Switzerland
by to Assistance of Standard Control of Switzerland

by an Assignment dated <u>Occember 11, 2013</u>

of an invention relating to and cataled

SYNERGISTIC COMBINATION OF A LENACHL COMPOUND AND TERBUTRYN FOR DRY FILM PROTECTION

We do hereby declare, for good and valuable consideration, received, sell, assign, and transfer unto

WE, the ASSIGNEE:

DOW GLOBAL TECHNOLOGIES LLC

2040 DOW CENTER

MIDLAND, MICHIGAN 48674 UNITED STATES OF AMERICA

an amity organized and existing under the laws of the State of Delawore, United States of America our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make application for Letters Pasent in its own name, or in the name of its nonlinee, and all rights and powers to file any revision, divisional, continuing or substitute application and any corresponding applications in any and all countries, including all rights to claim priority under all international Conventions and Treaties in the name of said Assignee, and do hereby authorize said Assignee to insert here the Priority Number, Filing Date, and Filing Country

1	Priority Number	Filing Date	Piling Country
1	61/731,686	November 30, 2012	United States of America

of the application on which the priority will be based, and in and to any Letters Patent that may be assued for said invention in any and all countries, and we do hereby agree to assist said Assigner in the prosecution of the said applications and in any inverference, conflict, opposition or flugation which may arise involving said invention or the patent or patent shereon, and to execute any relaxue, divisional, combouing or substitute application and assent to their making any applications in other countries corresponding to the above and below specifically identified application, as may be requested by said Assigner, and we do hereby authorize said Assigner to insert here the corresponding Application Number, Filing Date, and Filing Country

į	Application Number	Filing Date	Filing Country

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of the corresponding application in any country where that patent property must be entered for records) of this Assignment, and we do hereby authorize and request that any such Letters Patent he issued to said Assigned in accordance herewith, and consent to the records of this Assignment being under covenant, not only that 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 gives

Subscribed and Swam by us at Midland, Michigan 48674, USA

CORP SEAL DOW EUROPE GMBH

DARRYL P. FRICKEY Authorized Representative

Attach Notarial Certificate

REEL: 040282 FRAME: 0582

DOW DOCKET NO.: 73992 jls

This National Certificate 25th to to the EPGLISH language and has the same meaning is other languages with the same 55th number

This Notated Condition 500 is in the ENGLIGH language and beauthe same meaning in other languages with the same \$50 member FORM 550

NOTARIAL CERTIFICATE

UNITED STATES OF AMERICA)
STATE OF MICHIGAN) SS
County/Parish of Midland)
On this 2014 day of Coloria	arz4, 20, 4, personally appeared
before me, DARRYL P. FRICKEY, Au	thorized Representative, known or identified to me to be
	ed the foregoing document and acknowledged the same as
• •	erein expressed by authority of the said entity organized
and existing under the laws of SWITZERI	
I further centify that said authority, dated M	arch 23, 2011, is based on

by authority of a Power of Attorney

ENGLISHMENT MARKA ANDREAS AND A A SERVICE AND A

which I have seen, appointing the said individual Authorized Representative with full power to sign the foregoing document on behalf of the said entity and that the purposes for which said document is granted are within the scope of the objects or activities of said entity.

SEAL

Rebecco Sur Bullingsbesch ~CYARY PUBLIC, MEDLAND OCHMYY, MICHIGAN SY COMMISSION EXPRESS Revember 25, 2018

REEL: 040282 FRAME: 0583

DOW DOCKET NO.: 73992 its

This Assignce Acceptance (44) is in the ENGLIGH language and has the same meaning in other languages with the same (60) number

BESTER TO BE TO THE STORE STOR

This Assignme Acceptance 660 is in the ENGLESH language and has the same meaning in other languages with the same 660 number FORM 660

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: Lebruary 27, 2014

From, the ASSIGNOR:

DOW EUROPE GMBH Bachtobelstrasse 3 CH-8810 Horgen Switzerland

of the invention entitled:

SYNERGISTIC COMBINATION OF A LENACIL COMPOUND AND TERBUTRYN FOR DRY FILM PROTECTION

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 2	day of February	, 20 <u></u>

CORP.

DOW GLOBAL TECHNOLOGIES LLC

SUSÁN M. ZERÚLL

Authorized Representative

NOTARIAL CERTIFICATE

UNITED STATES OF AMERICA STATE OF MICHIGAN 188 County/Parish of Midland

On this <u>IS</u> day of <u>February</u>, 2014, personally appeared before me, SUSAN M. ZERULL, Authorized Regresentative,

known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed by authority of the said entity organized and existing under the laws of the State of Delaware, United States of America.

I further certify that said authority, dated June 1, 2012, is based on

A delegation of signature authority of said Limited Liability Company

which I have seen, appointing the said individual Authorized Representative with full power to sign the foregoing document on behalf of the said entity and that the purposes for which said document is granted are within the scope of the objects or activities of said entity.

Kathy Sue Werts

NOTARY **ROB**LIO, MIDLAND COUNTY, MICHEAN

MY OCHMISSION EXPIRES APRIL 07, 2016

PATENT REEL: 040282 FRAME: 0584

RECORDED: 11/11/2016