505280619 01/16/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5327393

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SEVERINE FERRIEUX	10/08/2015
ERIC P. WASSERMAN	10/07/2015
SCOTT BACKER	10/07/2015
PAUL MERCANDO	10/07/2015

RECEIVING PARTY DATA

Name:	ROHM AND HAAS COMPANY
Street Address:	100 INDEPENDENCE MALL WEST
City:	PHILADELPHIA
State/Country:	PENNSYLVANIA
Postal Code:	19106
Name:	UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY LLC
Street Address:	2020 DOW CENTER
City:	MIDLAND
State/Country:	MICHIGAN
Postal Code:	48674

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15515716

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: dorothykennedy@dow.com

Correspondent Name: DOW GLOBAL TECHNOLOGIES LLC
Address Line 1: C/O THE DOW CHEMICAL COMPANY

Address Line 2: 2040 DOW CENTER

Address Line 4: MIDLAND, MICHIGAN 48674

ATTORNEY DOCKET NUMBER: 77027-US-PCT

PATENT REEL: 048025 FRAME: 0323

505280619

NAME OF SUBMITTER:	THOMAS S. DEIBERT	
SIGNATURE:	/Thomas S. Deibert/	
DATE SIGNED:	01/16/2019	
Total Attachments: 6		
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DOW DOCKET NO.: 77027

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FORM 110 (8:5/97)

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: ADDITIVE FOR REDUCING SPOTTING IN AUTOMATIC DISHWASHING SYSTEMS

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 putent 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 Hous Europe Services ApS - Succursale France 23 avenue Jules Rimet 93631 La Plaine Saint Denis

France

an entity organized and existing under the laws of the state of France (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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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:

Summummillimushminmmmmmmmmmmhrimus.	y
At: Scaling Antiques 15 this 2th day of 12 to 15	At: this day of , 20
Effective as of October 9, 2014	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Signature: Full Name: Severine Ferricus Mailing Address: 54 Avenue Riou Blanquet 06130 Grasse France	Signature: Full Nume: Mailing Address:
At:	At:
this, 20	this day of
Signature: Full Name: Mailing Address:	Signature: Full Name: Mailing Address:
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At:	Att
this, day of, 20	this day of 20
Signature: Foll Name: Mailing Address:	Signature: Full Name: Mailing Address:

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FORM 110 (8.587)

# INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION

(with Priority Rights)

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

> Union Carbide Chemicals & Plastics Technology LLC 2020 Dow Center Midland, Michigan 48674 United States of America

an entity organized and existing under the laws of the state of Delaware (harrinafter 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 Leuers Patent in its own name, or in the name of its designee (or nominos(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 in designee to insert here the Priority Number, Filing Date, and Filing Country

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of the application, on which the claim for princity will be based; and in and to any Latters Patent that may be issued for the invention in any and all committees. 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,

Vive authorize Assignce or its designee to translate this Assignment into all languages necessary; and we request that any such Lemms Praem be issued to Assignce; and consent to the records of this Assignment, or a Nourist True Copy thereof, being under coverant not only that I've 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 mg/us;

At: <u>College all &amp; Empsylvania USA</u> this <u>FF*</u> day of <u>Botalana</u> , 20 <u>15</u> Effective as of October 9, 2014	At: day of, 20
Signature: A Paul Manus. Full Name: Eric P. Wasserman Mailling Address: 110 Featherhed Lanc Hopewell, New Jersey (8525 United States of America	Signature: Full Name: Mailing Address:
i At:	Mi:
this day of, 20	this day of, 26
Signature: Pull Name: Mailing Address:	Signouse: Full Nunc: Mailing Address:
Announcement of the second of	
At: this day of, 20	At:day of, 20
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REEL: 048025 FRAME: 0326

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## INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION

(with Priority Rights)

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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 renumeration received for my/our work, I'we sell, assign and transfer unto:

> Rohm and Haas Company 100 Independence Mail West Philadelphia, Pennsylvania 19106 United States of America

an entity organized and existing under the laws of the state of Delaware (hereinsfier referred to as the "Assignee"); mylour 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 Latters Patent in its own name, or in the name of its designee (or nomines(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 Assignce, and do hereby authorize Assignee or its designee to insen here the Priority Number, Filing Date, and Filing Country

Priority Number	Filing Date	Filing Country
EF14296305	October 9, 2014	European Patent Office

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.

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 recental of this Assignment, or a Notarial True Copy thereof, being under covernant not only that I/we have full power to make the same, but also that such assigned rights are not encumbered by any grunt, license, or other right heretofore given.

Subscribed and Declared by me/us:

At: 32.00 this 2 day of 27.02 20 /5	this 7 day of October 20 15 Effective as of October 9, 2014
this day of 0(3st 20 /5 Effective as of October 9, 2014  Signature: Full Name: Scon Backer Mailing Address: 400 Arcola Road	this 3 day of October .20 15
Effective as of October 9, 2014	Effective as of October 9, 2014
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Samuel and the second s	$1 \qquad 0 \qquad 0 \qquad 1$
Signature:	Signature: Paus Mayordo
Full Name: Scott Backer	Full Name: Paul Mercando
Mailing Address: 400 Arcola Road	Mailing Address: 400 Arcola Road
Collegeville, Pennsylvania 19426	Collegeville, Pennsylvania 19426
United States of America	United States of America
<del></del>	**************************************
Ar:	At
this day of .20	this day of , 20
Signature:	Signature
Full Name:	Full Name
Mailing Address:	Mailing Address:
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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, 440 is in the IEEELISH language and has the same meaning in other tanguages with the same 440 stumber FORM 440.

## ASSIGNMENT

(with Priority Rights)

#### INVENTORSHIP DECLARATION

We. ASSIGNOR, of:

ROHM AND HAAS EUROPE SERVICES APS - SUCCURSALE FRANCE

23 avenue Jules Rimet 93631 La Plaine Saint Denis

France

an entity organized and existing under the laws of FRANCE do hereby claim and declare that we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof from the sole, true and first inventor(s):

Severme Perricus, 54 Avenue Riou Blanquet, 05130 Grasse, France, Chizen of Prance by an Assignment dated:

October 8, 2015 of an invention relating to and emisted.

#### ADDITIVE FOR REDUCING SPOTTING IN AUTOMATIC DISHWASHING SYSTEMS

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

WE, the ASSIGNEE ROHM AND HAAS COMPANY

100 Independence Mail West Philadelphia, Penasylvania 19106

United States of America

an entity organized and existing under the laws of the State of Delaware, 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 Patent in its own name, or in the name of its nominee; and all rights and powers to file any reissue, 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 in insert here the Priority Number, Filing Date, and Filing Country

Priority Number	Filing Date	Filing Country
EF14290305	October 9, 2014	Europesio Pateni Offsce

of the application on which the priority will be based; and in and to any Letters Patent that may be issued for said invention in any and all countries; and we do hereby agree to assist said Assignes in the prosecution of the said applications and in any interference, conflict, opposition or litigation which may arise involving said invention or the patent or patents thereon, and to execute any reissue, divisional, continuing 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 Assignes, and we do hereby authorize said Assignes in seen here the corresponding Application Number, Filing Date, and Filing Country

Application Number	Filing Date	Filing Country	

of the corresponding application in any country where that patent property must be entered for recordal of this Assignment; and we do hamby authorize and request that any such Letters Patent be issued to said Assignee in accommon between the consent to the recordal of this Assignment being under coverant, 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 given.

Subscribed and Sween by us at PA/L/F
this MM day of DA/S 20 M

ROHM AND HAAS EUROPE SERVICES APS - SUCCURSALE FRANCE

CORP. SEAL

By **RÁMOS MÉ**LGAREJO

This Form 881 is in the ENGLISH language and has the same meaning in other languages with the same 881 number.

**FORM 881** 

Dow Case No. 79067

# SUBSCRIBING WITNESS AFFIDAVIT OF EXECUTION OF AN ASSIGNMENT

i.			
Whose full post office address is:			
Make oath and say that I was personally present and did see:			
Who is/are personally known or identified to me to be the inventor(s) named in the attached assignment, duly sign and execute the same for the purposes therein stated.			
Signed at: \2 \2\2\12\12\12\12\12\12\12\12\12\12\12\12			
On this <u>/ / 4 / 1 day of</u>			
The state of the s			

Subscribing Witness

688/933

DOW DOCKET NO.: 77027

This Assignee Acceptance (66) is in the ENGLISH language and has the same meaning to other languages with the same 660 number

This Assigner Assertance 666 is in the ENCLESH language and into the same monthing in other languages with the same 660 member FORM 660.

# ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE:

ROHM AND HAAS EUROPE SERVICES APS - SUCCURSALE FRANCE

23 avenue Jules Rimet 93631 La Pisine Saint Denis

France

hereby accept the ASSIGNMENT which is dated: October 8, 2015.

From, the ASSIGNOR: Severine Ferrieux, 54 Avenue Riou Blanquet, 06130 Grasse, France, Citizen of France of the invention entitled:

#### ADDITIVE FOR REDUCING SPOTTING IN AUTOMATIC DISHWASHING SYSTEMS

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 17.6 12.75
this 18 day of 0.76861 20 12

ROHM AND HAAS EUROPE SERVICES APS - SUCCURSALE FRANCE

CORP. SEAL

RAMON MELGAREJO