## 503156554 01/29/2015

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3203167

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ARKADY L. KRASOVSKIY	09/16/2013
ANDREW HEIJL	09/04/2013
PARTHA S. MAJUMDAR	09/04/2013
MARK R. WINKLE	09/05/2013

#### **RECEIVING PARTY DATA**

Name:	DOW GLOBAL TECHNOLOGIES LLC
Street Address:	2040 DOW CENTER
City:	MIDLAND
State/Country:	MICHIGAN
Postal Code:	48674
Name:	ROHM AND HAAS COMPANY
Street Address:	100 INDEPENDENCE MALL WEST
City:	PHILADELPHIA
State/Country:	PENNSYLVANIA
Postal Code:	19106

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14052850

#### **CORRESPONDENCE DATA**

**Fax Number:** (215)592-2682

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:** 2155923519

**Email:** imgrogins@dow.com

Correspondent Name: REID WILLIS, THE DOW CHEMICAL COMPANY

Address Line 1: 100 INDEPENDENCE MALL WEST

Address Line 4: PHILADELPHIA, PENNSYLVANIA 10106

ATTORNEY DOCKET NUMBER:	73870-US-NP
NAME OF SUBMITTER:	REID S. WILLIS

PATENT 503156554 REEL: 034840 FRAME: 0943

SIGNATURE:	/Reid S. Willis/
DATE SIGNED:	01/29/2015
Total Attachments: 4	
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PATENT REEL: 034840 FRAME: 0944 8 (1/34) (

FORM 110 (BENT)

#### INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION

(with Priority Rights)

t/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: FLUGROALKYL PHOSPHONATE COMPOSITION

which invention was made and invented by more out of and in the course of myour employment with myour 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 iny/our work, I/we sell, assign and transfer unto:

Dow Global Technologies LLC 2040 Dow Center Midland, Michigan 48674

a corporation organized and existing under the laws of Delaware (heminafter referred to as the "Assignee"); mylour entire right, title and intenst throughout the world, in and to the intention 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 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 Conventions) and Treaties in the name of Assignee, and do hereby authorize Assignee or its designee to lister the Priority Number, Filing Date. and Filing Country

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	Printity Number	Filing Date	Filine 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. Use do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition or hitgation 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 Assignce 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 recorded 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 encombered by any grain, license, or other right beresofore given.

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Subscribed and Declared by me/us: All Midland Michigan
this 16 dayor September. 20 13

Effective as of October 16, 2012

Signature: Full Nume: Arkady L. Krasovs Residence: 3902 Nottinglage/ Midland, Michiga	and the second	Signature		
Full Name: Arkady L. Krasoss	ki i yye	Full Name		
Residence: 3903 Nottingliags	Tenface	Residence		
Midland, Michiga	n 48642			
Country: United States of Ame	rica	Country:		
Citizenship: Russia		Citizenskij	3:	
P.O. Address: Same as Resider	KE .	P.O. Addre	CSS:	
Employed By The Dow Chem	ical Company	Employed	By:	
Of Country: United States of A	merica	Of Country		
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At:		At:		
this day of	. 20	this	day of	, 30
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Signature:	***************************************	Signature:		
Lant Lemma:	l l	Fall Name		
Residence:	l l	Residence:		
Country		Country		
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FORM 110 at \$50%

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I/we verily believe I an/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: FLUOROALKYL PHOSPHONATE COMPOSITION

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 umo:

Rohm and Haus Company 100 Independence Mail West Philadelphia, Pennsylvania 19106

a corporation organized and existing under the laws of Delaware (beginnation 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. If we do beneby agree to assist Assignce in the prosecution of the application(s) and in any interference, conflict, opposition or litigation which may urise 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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day of

AU this

Subscribed and Declared by me/us:

Effective as of	Effective as of
Signature: Andrea HO	Signature:
Fall Name: Andrew Hejl	Full Name: Partha S. Majumdar
Residence: 230 Highland Avenue	Residence: 39B Brookside Drive
Lansdale, Pennsylvania 19446	Lansdale, Pennsylvania 19446
Country: United States of America	Country: United States of America
Citizenship: United States of America	Citizenship: India
P.O. Address: Same as Residence	P.O. Address:
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:	{
this, 20	this
Effective as of	
Simono	Signature:
Signature; Full Name: Mark R. Winkle	Full Name:
Residence: 905 Sycamore Drive	Residence:
Lansdale, Pennsylvania 19446	Residence.
Country: United States of America	
Citizenship: United States of America	Country:
P.O. Address: Same as Residence	Citizenship:
	P.O. Address:
Employed By: Rolun and Haas Company	Employed By:
Of Country: United States of America	J Of Country:
nal names and signatures are attached.	

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FORM 110 (R.3893)

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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 trustea(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 Haas Company 100 Independence Mall West Philadelphia, Pannsylvania 19106

a corporation organized and existing under the laws of Delaware (heroinafter 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 Lenters Patent in its own name, or in the name of its designee for 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 highest 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 melas:

At:	At:
this, 20	this 4th day of Seeptamber . 20 13
Effective as of	Effective as of
	Signature: Partha Sarathi Majumda
Signature:	Signature: Lavana. Savarias Plastandas
Full Name: Andrew Heji	Foli Name: Partho S. Majunidar
Residence: 230 Highland Avenue	Residence: 39B Brookside Drive
Lansdale, Pennsylvania 19446	Lansdole, Pennsylvania 19446
Country: United States of America	Country: United States of America
Citizenship: United States of America	Citizenship: India
P.O. Address: Same as Residence	P.O. Address:
Employed By: Rohm and Haas Company	Employed By: Rohm and Haas Company
Of Country: United States of America	Of Country: United States of America
At:	Att
this, 20	this day of , 20
Effective as of	
Signature:	
Full Name: Mark R. Winkle	Full Name:
Residence: 905 Sycamore Drive	Residence:
Lansdale, Pennsylvania 19446	
Country: United States of America	Country:
Citizenship: United States of America	Citizenship:
P.O. Address: Same as Residence	P.O. Address:
Employed By: Rohm and Haas Company	Employed By:
Of Country: United States of America	Of Country:
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( ) Additional names and signatures are attached.

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

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Subscribed and Declared by me/us:

At:	At:		
this day of 20 20 Effective as of October 16, 2012	this day of . 28		
Effective as of October 16, 2012	this day of , 20, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20		
a.			
Olgnature	Signature:		
SignatureFull Name: Andrew Hejl	Full Name: Partha S. Majumdar		
Residence: 230 Highland Avenue	Residence: 39B Brookside Drive		
Lansdale, Pennsylvania 19446	Lansdale, Pennsylvania 19446		
Country: United States of America	Country: United States of America		
Citizenship: United States of America	Citizenship: India		
P.O. Address: Same as Residence	P.O. Address:		
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: this <u>\$</u> day of <u>\$2.478.486.</u> , 20 / \$ Effective as of October 16, 20 \\ 2	At		
this 5 day of 5007 8004 800 . 20 / 2	At this day of , 20		
Effective as of October 16, 2012			
Signature: Mark R. Winkie			
Signature:	Signature		
Full Name: Mark R. Winkle	Full Name		
Residence: 905 Sycamore Drive	Residence		
Lansdalc, Pennsylvania 19446			
Country: United States of America	Country		
Citizenship: United States of America	Citizenship		
P.O. Address: Same as Residence	P.O. Address:		
Employed By: Rohm and Haas Company	Employed By		
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( ) Additional names and signatures are attached.

RECORDED: 01/29/2015

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