504375854 05/19/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4422549

		NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEYAN	NCE:	ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY DA	ΑΤΑ				
		Name	Execution Date		
GEORGE R PHILLIPS			02/20/2014		
MICHAEL A BRAMMER			02/20/2014		
GLENN A MILLER			02/20/2014		
RICK B WATSON			02/24/2014		
RECEIVING PARTY DA	ТА				
Name:	THE DC	W CHEMICAL COMPANY			
Street Address:	2030 DC	DW CENTER			
City:	MIDLAN	D			
State/Country:	MICHIG	AN			
Postal Code:	48674				
Property Type	1	Number			
Application Number	15032068				
Application Number:	•				
Application Number: CORRESPONDENCE D					
CORRESPONDENCE D Fax Number:	ATA (989)636-3237			
CORRESPONDENCE D Fax Number: <i>Correspondence will be</i>	ATA (e sent to	989)636-3237 the e-mail address first; if that is unsucce			
CORRESPONDENCE D Fax Number: <i>Correspondence will be</i>	ATA (e sent to provided;	989)636-3237			
CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if µ</i>	ATA (e sent to provided;	989)636-3237 the e-mail address first; if that is unsucce if that is unsuccessful, it will be sent via			
CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if µ</i> Phone: Email: Correspondent Name:	ATA (e sent to provided; G F F	989)636-3237 the e-mail address first; if that is unsuccess if that is unsuccessful, it will be sent via 9896368537 GLMFRR@DOW.COM KRISTIE ELLISON			
CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if µ</i> Phone: Email: Correspondent Name: Address Line 1:	ATA (e sent to provided; G F k 2	989)636-3237 <i>the e-mail address first; if that is unsucce</i> <i>if that is unsuccessful, it will be sent via</i> 9896368537 FGLMFRR@DOW.COM KRISTIE ELLISON 2040 DOW CENTER			
CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if µ</i> Phone: Email: Correspondent Name:	ATA (e sent to provided; G F k 2	989)636-3237 the e-mail address first; if that is unsuccess if that is unsuccessful, it will be sent via 9896368537 GLMFRR@DOW.COM KRISTIE ELLISON			
CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	ATA (e sent to provided; G F k 2 N	989)636-3237 <i>the e-mail address first; if that is unsucce</i> <i>if that is unsuccessful, it will be sent via</i> 9896368537 FGLMFRR@DOW.COM KRISTIE ELLISON 2040 DOW CENTER			
CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	ATA (e sent to provided; G F k 2 N	989)636-3237 <i>the e-mail address first; if that is unsucces</i> <i>if that is unsuccessful, it will be sent via</i> 9896368537 GLMFRR@DOW.COM KRISTIE ELLISON 2040 DOW CENTER <i>I</i> IDLAND, MICHIGAN 48674			
CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if µ</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NUNAME OF SUBMITTER:	ATA (e sent to provided; G F k 2 N	989)636-3237 the e-mail address first; if that is unsuccess if that is unsuccessful, it will be sent via to 9896368537 GLMFRR@DOW.COM KRISTIE ELLISON 2040 DOW CENTER /IIDLAND, MICHIGAN 48674 75349-US-PCT			
CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if µ</i> Phone: Email: Correspondent Name: Address Line 1:	ATA (e sent to provided; G F k 2 N	989)636-3237 the e-mail address first; if that is unsuccess if that is unsuccessful, it will be sent via (9896368537 FGLMFRR@DOW.COM KRISTIE ELLISON 2040 DOW CENTER MIDLAND, MICHIGAN 48674 75349-US-PCT KRISTIE ELLISON			
CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NUNAME OF SUBMITTER: SIGNATURE: DATE SIGNED: Total Attachments: 3	ATA (e sent to provided; 9 F k 2 JMBER:	989)636-3237 the e-mail address first; if that is unsuccess if that is unsuccessful, it will be sent via (9896368537 FGLMFRR@DOW.COM KRISTIE ELLISON 2040 DOW CENTER MIDLAND, MICHIGAN 48674 75349-US-PCT KRISTIE ELLISON /Kristie Ellison/ 05/19/2017			
CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NU NAME OF SUBMITTER: SIGNATURE: DATE SIGNED: Total Attachments: 3 source=75349-US-PCT 20	ATA (e sent to provided; F k 2 JMBER:	989)636-3237 the e-mail address first; if that is unsuccess if that is unsuccessful, it will be sent via (9896368537 FGLMFRR@DOW.COM KRISTIE ELLISON 2040 DOW CENTER /IDLAND, MICHIGAN 48674 75349-US-PCT KRISTIE ELLISON /Kristie Ellison/			

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: HYDROFORMYLATION PROCESS

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:

The Dow Chemical Company 2030 Dow Center Midland, Michigan 48674

an entity organized and existing under the laws of the state of Delaware (hereinafter referred to as the "Assignce"); 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 designce (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 Assignce, and do hereby authorize Assignce or its designee to insent here the Priority Number, Filing Date, and Filing Country

Priority Number	Filing Date	Filing Country
61/918,353	December 19, 2013	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:

ALL SOUTH CHARLESTON, WY	At:	
this to day of FEBRUARY, 20 14	this day of	, 20
Effective as of December 19, 2013	Effective as of December 19, 2013	
Aug 1 the 's		
Signature: X 1/100	Signature:	
Full Name: George R. Phillips	Full Name: Michael A. Brammer	
Residence: 100 Poplar Estates	Residence: 53 Southernwood Court	
Scott Depot, West Virginia 25560	Lake Jackson, Texas 77566	
Country: United States of America	Country: United States of America	
Citizenship: United States of America	Citizenship: United States of America	
P.O. Address: Same as Residence	P.O. Address: Same as Residence	
Employed By: The Dow Chemical Company	Employed By: The Dow Chemical Company	
Of Country: United States of America	Of Country: United States of America	
At: South Chicketton VV	At:	
this 20 day of Echinesen, 20 [4]	this day of	. 20
Effective as of December 19, 2013	Effective as of December 19, 2013	
119 MAN		
Signature://///////////////////////////////	Signature:	
Full Name: Glenn A. Miller /	Full Name: Rick B. Watson	
Residence: 2515 Woodland Avenue	Residence: 9607 Tall Tree Court	
South Charleston, West Virginia 25303	Residence: 9607 Tall Tree Court Missouri City, Texas 77459	
South Charleston, West Virginia 25303	Missouri City, Texas 77459 Country: United States of America	
South Charleston, West Virginia 25303 Country: United States of America	Missouri City, Texas 77459	
South Charleston, West Virginia 25303 Country: United States of America Citizenship: United States of America	Missouri City, Texas 77459 Country: United States of America Citizenship: United States of America P.O. Address: Same as Residence	
South Charleston, West Virginia 25303 Country: United States of America Citizenship: United States of America P.O. Address: Same as Residence	Missouri City, Texas 77459 Country: United States of America Citizenship: United States of America	

	Choi: 100, 10047 jsii
This Assignment 10 is in the ENGEISH sensenger and has the same meaning in other languages with the same [10 member and R4] are	
•110+110+110+110+110+110+110+110+110+110	1011001100110011001100
This Assignment (10 is in the ENGLISH Language and has the stangutget of other tanguages with the same (10 number one RDLite	

FORM 110 dk some

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; HYDROFORMYLATION PROCESS

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 namets). 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 trusteets), and for good and valuable consideration and/or the remuneration received for my/our work, I/we sell, assign and transfer unto:

The Dow Chemical Company 2030 Dow Center Midland, Michigan 48674

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. (or Letters Patent in its own name, or in the name of its designee (or nonineets)); 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 insen here the Priority Number, Filing Date, and Filing Country

Priority Number	Filing Date	Filing Country
1 61/918.353	December 19, 2013	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. Use 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 Patem 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:	AL: Freepert, TX
this day of, 20	this 20 day of February . 20 14
Effective as of December 19, 2013	Effective as of December 19, 2013
Signature:	Signature: Malala Broom
Full Name: George R. Phillips	Full Name: Michael A. Brammer
Residence: 100 Poplar Estates	Residence: 53 Southernwood Court
Scott Depot, West Virginia 25560	Lake Jackson, Texas 77566
Country: United States of America	Country: United States of America
Citizenship: United States of America	Citizenship: United States of America
P.O. Address: Same as Residence	P.O. Address: Same as Residence
Employed By: The Dow Chemical Company	Employed By: The Dow Chemical Company
Of Country: United States of America	Of Country: United States of America
Ar:	At:
this day of 20	this day of 20
Effective as of December 19, 2013	Effective as of December 19, 2013
Signature:	Signature:
Full Name: Glenn A. Miller	Full Name: Rick B. Watson
Residence: 2515 Woodland Avenue	Residence: 9607 Tall Tree Court
South Charleston, West Virginia 25303	Missouri City, Texas 77459
Country: United States of America	Country: United States of America
Citizenship: United States of America	Citizenship: United States of America
P.O. Address: Same as Residence	P.O. Address: Same as Residence
Employed By: The Dow Chemical Company	Employed By: The Dow Chemical Company

This Assignment (Priss), the FNGLISH rangings can be dreating in other languages with the name 14 million and 8 Quar,
+110#130#130#130#130#130#130#130#130#130#
The Assignment (10) is on the UNG251112regulage and his the sense meaning in other thappeness with the sense (10) named, and k-finite

FORM 110 (R 5/02)

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: HYDROFORMYLATION PROCESS

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). Ewe acknowledge that Ewe hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for our respective employers. As trusteets), and for good and valuable consideration and/or the remuneration received for my/our work. Ewe sell, assign and transfer unto:

The Dow Chemical Company 2030 Dow Center Midland Michigan 48674

Midland, Michigan 48674 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
61/918.353	December 19, 2013	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 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:	At:
this day of , 20	this day of . 20
Effective as of December 19, 2013	Effective as of December 19, 2013
Signature:	Signature:
Full Name: George R. Phillips	Full Name: Michael A. Brammer
Residence: 100 Poplar Estates	Residence: 53 Southernwood Court
Scott Depot, West Virginia 25560	Lake Jackson, Texas 77566
Country: United States of America	Country: United States of America
Citizenship: United States of America	Citizenship: United States of America
P.O. Address: Same as Residence	P.O. Address: Same as Residence
Employed By: The Dow Chemical Company	Employed By: The Dow Chemical Company
Of Country: United States of America	Of Country: United States of America
At:	AU FREEPORT, TX
this day of 20	this 24th day of FEBRUARY . 2014
Effective as of December 19, 2013	Effective as of December 19, 2013
	1 TRIAL
Signature:	Signature: K. B. With
Full Name: Glenn A. Miller	Full Name: Rick B. Watson
Residence: 2515 Woodland Avenue	Residence: 9607 Tall Tree Court
Couch Charleman Mine Mineiria 25202	
South Charleston, West Virginia 25303	Missouri City, Texas 77459
Country: United States of America	Missouri City. Texas 77459 Country: United States of America
Country: United States of America	Country: United States of America
Country: United States of America Citizenship: United States of America	Country: United States of America Citizenship: United States of America
Country: United States of America Citizenship: United States of America P.O. Address: Same as Residence	Country: United States of America Citizenship: United States of America P.O. Address: Same as Residence