PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4540540

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CECILE BOYER	01/15/2013
STEPHEN M. HOYLES	01/15/2013
MICHAEL K. POINDEXTER	01/16/2013

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:	14414645

CORRESPONDENCE DATA

Fax Number: (612)659-9344

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: 6126599340

Email: Dow.Docketing@bipl.net

BROOKS, CAMERON & HUEBSCH, PLLC **Correspondent Name:** Address Line 1: 1201 MARQUETTE AVENUE SOUTH

Address Line 2: SUITE 400

Address Line 4: MINNEAPOLIS, MINNESOTA 55403

ATTORNEY DOCKET NUMBER:	72993-US-PCT
NAME OF SUBMITTER:	ALEXANDER MARQUARDT
SIGNATURE:	/Alexander Marquardt/
DATE SIGNED:	08/08/2017

Total Attachments: 2

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> **PATENT** REEL: 043231 FRAME: 0011

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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: N-VINYLPYRROLIDONE-BASED CATIONIC COPOLYMER FOR SEPARATING AN OIL-IN-

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

Dow Global Technologies LLC 2040 Dow Center

Midland, Michigan 48674
a limited liability company organized and existing under the laws 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 Parent 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, Number Filing Date and Filing Country.

Priority Number 61/677,087	Filing Date	Filing Country
01/07/308/	July 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.

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: Freeport, Texas 77541, USA	At: Frequent Towns 77541 1104
this 15 day of Jankeny , 20 13	Ticeport, Texas 7/341, USA
Effective as of July 30, 2012	this S day of Stanar, 20 13 Effective as of July 30, 2012
Sirmatur.	and the as of July 30, 2017
Signature:	Signature:
Full Name: Cecile Boyer	Full Name: Stephen M. Heyes
Residence: 112 Huckleberry Dr.	Residence: 102 White Oak
Lake Jackson, Texas 77566	Lake Jackson, Texas 77566
Country: United States of America Citizenship: France	Country: United States of America
20. Address: Same as Residence	Citizenship: Canada
Imployed By: The Day Chamilton	P.O. Address: Same as Residence
Employed By: The Dow Chemical Company Of Country: United States of America	Employed By: The Dow Chemical Company
- Country. Officed States of America	Of Country: United States of America
At: Freeport, Texas 77541, USA	
115 /6 day of January 20 12	At:
ffective as of July 30, 2012	this day of, 20
<i>,</i> –	
ignature: Archael K. Townser 1	Signature:
ull Name: Michael K. Poindexter	Full Name:
esidence: 2323 Long Reach	Residence:
Sugar Land, Texas 77478	issuadice.
ountry: United States of America	Country:
itizenship: United States of America	Citizenship:
O. Address: Same as Residence	P.O. Address:
mployed By: The Dow Chemical Company f Country: United States of America	Employed By:
	Of Country:

() Addit

REEL: 043231 FRAME: 0012

This Assignce Acceptance 660 is in the ENGLISH 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, USA

Midland, Michigan 48674 United States of America

hereby accept the ASSIGNMENT which is dated: January 15, 2013; January 15, 2013; and January 16, 2013, respectively

From, the ASSIGNOR: Cecile Boyer, 112 Huckleberry Dr., Lake Jackson, Texas 77566, United States of America, Citizen of France; Michael K. Poindexter, 2323 Long Reach, #12203, Sugar Land, Texas 77478, United States of America, Citizen of United States of America; and Stephen M. Hoyles, 102 White Oak, Lake Jackson, Texas 77566, United States of America, Citizen of Canada

of the invention entitled:

Signed at

States of America.

N-VINYLPYRROLIDONE-BASED CATIONIC COPOLYMER FOR SEPARATING AN OIL-IN-WATER EMULSION

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.

this 19 day of Dece	enber, 20/4
π, •	DOW, GLOBAL TECHNOLOGIES LLC
CORP.	By: Lusan M Zemb
	SUSAN M. ZERULL Authorized Representative
NOT	ARIAL CERTIFICATE
UNITED STATES OF AMI	ERICA)
STATE OF MICHIGAN) SS
County/Parish of Midland)
On this day of	escenter, 2014, personally appeared
before me, SUSAN M. ZERUI	L, Authorized Representative,
	e individual described in and who executed the foregoing document
and acknowledged the same as a f	free act and deed for uses and purnoses therein expressed by

I further certify that said authority, dated June 1, 2014, 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.

authority of the said entity organized and existing under the laws of the State of Delaware, United

RECORDED: 08/08/2017

MY COMMISSION EXPIRES AFRAGO 37, 2018

PATENT REEL: 043231 FRAME: 0013