PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3956062

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| SEQUENCE: | 3 |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------------|----------------|
| THE DOW CHEMICAL COMPANY | 12/04/2013 |

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: | 14649332 |

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: 9896331963
Email: fglmfrr@dow.com
Correspondent Name: BARB STIEVE
Address Line 1: 2040 DOW CENTER

Address Line 4: MIDLAND, MICHIGAN 48674

| ATTORNEY DOCKET NUMBER: | 71447-US-PCT[2] |
|-------------------------|-----------------|
| NAME OF SUBMITTER: | BARB STIEVE |
| SIGNATURE: | /Barb Stieve/ |
| DATE SIGNED: | 07/11/2016 |

Total Attachments: 3

source=71447-US-PCT[2] 20160711 TDCC to DGTL#page1.tif source=71447-US-PCT[2] 20160711 TDCC to DGTL#page2.tif source=71447-US-PCT[2] 20160711 TDCC to DGTL#page3.tif

PATENT 503909410 REEL: 039124 FRAME: 0988

Thus Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 number FORM 440

ASSIGNMENT

(with Priority Rights) and

INVENTORSHIP DECLARATION

We, ASSIGNOR, of:

THE DOW CHEMICAL COMPANY

2030 Dow Center

Midland, Michigan 48674 United States of America

an entity organized and existing under the laws of the State of Delaware, United States of America 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):

Nathan K. Combs, 16223 Fox Crossing Lane, Spring, Texas 77379, United States of America, Citizen of United States of America; Jeffrey T. Watters, 16303 Cypress Valley Drive, Cypress, Texas 77429, United States of America, Citizen of United States of America; and Larry T. Watters, 1006 Windsor Chase lane, Spring, Texas 77373, United States of America, Citizen of United States of America

respectively of an invention relating to and entitled:

CEMENTING COMPOSITION COMPRISING NONIONIC HYDROPHOBICALLY-MODIFIED CELLULOSE ETHERS AND ITS USE

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 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 to insert here the Priority Number, Filing Date, and Filing Country

| Ī | Priority Number | Filing Date | Filing Country |
|---|-----------------|-------------------|--------------------------|
| ı | 61/735,763 | December 11, 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 issued for said invention in any and all countries; and we do hereby agree to assist said Assignee 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 their making any applications in other countries corresponding to the above and below specifically identified application, as may be requested by said Assignee; and we do hereby authorize said Assignee to insert 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 hereby authorize and request that any such Letters Patent be issued to said Assignee in accordance herewith, and consent to the recordal 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 given.

Sabscribed and Swom by us at Midland, Michigan 48674, USA
this 4 day of Derember, 20 13

CORP. SEAL THE DOW CHEMICAL COMPANY

DARRYL P. FRICKEY

Authorized Representative

Attach Notarial Certificate

This Notarial Certificate 550 is in the ENGLISH language and has the same meaning in other languages with the same 550 number. FORM 550

NOTARIAL CERTIFICATE

| UNITED STATES OF AMERICA) STATE OF MICHIGAN) SS County/Parish of Midland) |
|--|
| On this day of |
| I further certify that said authority, dated July 12, 2013, is based on |
| a Certified Resolution |
| 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. |
| Lathey Siee West |

SEAL

Rathy Sue Werts
NOVARY PUBLIC, MIDLAND COUNTY, MICHIGAN
MY COMMISSION EXPIRES APRIL 07, 2018

■669 ■ 669 ■ 560 ■ 660

This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 650 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 attached hereto which is dated: December 4, 2013

From, the ASSIGNOR:

THE DOW CHEMICAL COMPANY

2030 Dow Center

Midland, Michigan 48674 United States of America

of the invention entitled:

CEMENTING COMPOSITION COMPRISING NONIONIC HYDROPHOBICALLY-MODIFIED CELLULOSE ETHERS AND ITS USE

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 24 | day of December, 20 13 |
| | DOW GLOBAL TECHNOLOGIES LLC |
| CORP SEAL | 1 M 7. W |
| | SUSAN M. ZERULL Authorized Representative |

NOTARIAL CERTIFICATE

| UNITED STATES OF AMERICA |) |
|--------------------------|----------------------------------|
| STATE OF MICHIGAN |) SS |
| County/Parish of Midland |) |
| On this H day of Decel | nher, 20 (3, personally appeared |
| | * * * * * |

before me, SUSAN M. ZERULL, Authorized Representative, 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.

SEAL

Kathy Sue Wertz

NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN MCCOMMISSION EXPIRES APRIL 07, 2018

RECORDED: 07/11/2016

PATENT REEL: 039124 FRAME: 0991