504638980 11/13/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4685698

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| SEQUENCE: | 2 |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------------------|----------------|
| DOW TECHNOLOGY INVESTMENTS LLC | 09/28/2017 |

RECEIVING PARTY DATA

| Name: | THE DOW CHEMICAL COMPANY |
|-----------------|--------------------------|
| Street Address: | 2030 DOW CENTER |
| City: | MIDLAND |
| State/Country: | MICHIGAN |
| Postal Code: | 48674 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15444827 |

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: 989-638-4328

Email: FGLMFRR@dow.com
Correspondent Name: MICHELLE CHRISTILAW
Address Line 1: 2040 DOW CENTER

Address Line 4: MIDLAND, MICHIGAN 48674

| ATTORNEY DOCKET NUMBER: | UMBER: 77416-US-NP | |
|-------------------------|-----------------------|--|
| NAME OF SUBMITTER: | MICHELLE CHRISTILAW | |
| SIGNATURE: | /Michelle Christilaw/ | |
| DATE SIGNED: | 11/13/2017 | |

Total Attachments: 2

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PATENT 504638980 REEL: 044105 FRAME: 0080

ASSIGNMENT

(with Priority Rights)

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):

Glenn A. Miller, residing at 437 MacCorkle Avenue, Building 300, South Charleston, West Virginia 25303, United States of America and Victoria L. Biedenstein, residing at 6251 Country Road, Eden Prairie, Minnesota 55346, United States of America

by an Assignment dated: May 1, 2017 and May 2, 2017, respectively of an invention relating to and entitled:

HYDROFORMYLATION PROCESS

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

WE, the ASSIGNEE:

DOW TECHNOLOGY INVESTMENTS LLC

2020 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

| Priority Number | Filing Date | Filing Country |
|-----------------|---------------|--------------------------|
| 62/301,792 | March 1, 2016 | 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 to 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.

| Subscribed and Sworn by us a | Midland, Michigan 48674, USA | |
|------------------------------|--|--|
| this 🔏 day of 🙎 | otember, 20 17 | |
| | THE DOW CHEMICAL COMPANY | |
| CORP. SEAL | The state of the s | |

DARRYL P. FRICKEY \
Authorized Representative

PATENT REEL: 044105 FRAME: 0081

ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE:

DOW TECHNOLOGY INVESTMENTS LLC

2020 Dow Center

Midland, Michigan 48674 United States of America

hereby accept the ASSIGNMENT which is dated: SUNTENDLY 28, 2017

From, the ASSIGNOR:

THE DOW CHEMICAL COMPANY

2030 Dow Center

Midland, Michigan 48674 United States of America

of the invention entitled:

RECORDED: 11/13/2017

HYDROFORMYLATION PROCESS

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 28th | day of September, 20 17 |
| CORP. SEAL | By: Lisan M Zewill Susan M. Zerull |

PATENT REEL: 044105 FRAME: 0082