PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4441387

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

CONVEYING PARTY DATA

| Name | Execution Date | | |
|--------------------------|----------------|--|--|
| THE DOW CHEMICAL COMPANY | 10/18/2012 | | |

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: | 15609447 |

CORRESPONDENCE DATA

Fax Number: (248)292-2910

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: 248-292-2920

Email: bballard@patentco.com

Correspondent Name: KATHERINE M. PACYNSKI

Address Line 1: 29 W. LAWRENCE STREET

Address Line 4: PONTIAC, MICHIGAN 48342

| ATTORNEY DOCKET NUMBER: | 1062.195USD1 |
|-------------------------|-------------------------|
| NAME OF SUBMITTER: | KATHERINE M. PACYNSKI |
| SIGNATURE: | /Katherine M. Pacynski/ |
| DATE SIGNED: | 06/02/2017 |

Total Attachments: 3

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PATENT 504394690 REEL: 042671 FRAME: 0925

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This Assignment 440 is in the ENGLISH language and ties the come meaning in other languages with the same 440 months: FORM 440

ASSIGNMENT

(with Priority Rights)

INVENTORSHIP DECLARATION

We, ASSIGNOR, of:

THE DOW CHEMICAL COMPANY

2030 Dow Center

Midland, Michigan 48674 United States of America

a corporation 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)-

Disk Schwoeppe, Langackerweg 3, 8807 Freienbach, Switzerland, Citizen of Germany

of an invention relating to and entitled:

ACCELERATED BONDING OF ISOCYANATE FUNCTIONAL ADHESIVE TO FIBER REINFORCED PLASTICS

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

a limited liability company 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 Assignce, and do hereby authorize said Assignee to insen here the Priority Number, Filing Date, and Filing Country

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| 61/710,917 | October 8, 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 lifigation which may arise involving said invention or the patent or patents thereon, and to execute any raissue, 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 Assignce; and we do hereby authorize said Assignee to insent here the corresponding Application Number, Filing Date, and Filing Country

| | ANTA - NA | |
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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.

Midland, Michigan 48674, USA Subscribed and Sworn by us at

THE DOW CHEMICAL COMPANY

DARRYL P. FRICKEY

Assistant General Counsel - IP Law

Attach Notarial Certificate (Corporation)

CORP. SEAL

> PATENT REEL: 042671 FRAME: 0926

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This Notester Comments 550 is at the ENGLISH language and has the name menting in other languages with the same \$50 minutes. FORM \$50

NOTARIAL CERTIFICATE (Corporation)

| UNITED STATES OF AMERICA |) | | |
|---|--|---|--|
| STATE OF MICHIGAN |) SS | | |
| County/Parish of Midland |) | | |
| On this <u>/ (</u> day of <u>のてめ</u> | £ | 20 12 | _, personally appeared |
| before me, DARRYL P. FRICKEY, As: known or identified to me to be the individuand acknowledged the same as a free act an authority of the said Corporation incorporal States of America. | sistant Genera ual described in id deed for uses | I Counsel - IP and who execu and purposes t | Law, ned the foregoing documen herein expressed by |
| I further certify that said authority, dated A | pril 6, 2011, ն | ; based on | |
| a Certified Resolution | | | |
| which I have seen, appointing the said indi- to sign the foregoing document on behalf o document is granted are within the scope o | f the said corpo | ration and that | the purposes for which said |
| H | ZJU Su | e Wait | <i></i> |

SEAL

Kathy Sue Werts NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES APRIL 07, 2010

> **PATENT** REEL: 042671 FRAME: 0927

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This Assignmer Acceptance 666 is to the ENGLISH barguage and less the same meaning or other languages with the same 660 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: October 18, 2012

From, the ASSIGNOR:

THE DOW CHEMICAL COMPANY

2030 Dow Center

Midland, Michigan 48674 United States of America

of the invention entitled:

ACCELERATED BONDING OF ISOCYANATE FUNCTIONAL ADHESIVE TO FIBER REINFORCED PLASTICS

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 | | | | | | | | | | | | | | | |
|--------|----|-----|-----|----|---|-----|-----|-----|----------|-----|------|---------------|----|-------|-----|
| this | 10 | ŀέį | day | of | 0 | C12 | olo | er. | ~ | | , | 20 <u>/</u> _ | S. | ***** | |
| ***** | | | | | | , | | | | | | | | | |
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CORP.

By: Julea M Zeul SUSAN M. ZERULL

Authorized Representative

NOTARIAL CERTIFICATE (Corporation)

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| County/P | arish e | of N | lidl: | and | | | | } |

On this 10+14 day of 0040 ber , 20 13 , personally appeared

before mc, 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 Limited Liability Company 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 limited liability company and that the purposes for which said document is granted are within the scope of the objects or activities of said limited liability company.

SEAL

Rebacca Sue Hollingshead KOTANY PURE COUNTY, MORCAN MY COSESSES CONTRACTOR SER 25, 2012

Mucea Sue Hilla plicad

PATENT

REEL: 042671 FRAME: 0928

RECORDED: 06/02/2017