PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2898930

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

CONVEYING PARTY DATA

Name	Execution Date
THE DOW CHEMICAL COMPANY	10/24/2011

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:	13844839	

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: 9896384139
Email: arnold2@dow.com
Correspondent Name: KAYLEIGH ARNOLD
Address Line 1: 2040 DOW CENTER

Address Line 4: MIDLAND, MICHIGAN 48674

ATTORNEY DOCKET NUMBER:	71712-US-NP
NAME OF SUBMITTER:	KAYLEIGH ARNOLD
SIGNATURE:	/KayleighArnold/
DATE SIGNED:	06/16/2014

Total Attachments: 3

source=71712-US-NP 20140616 EWB Assignment TDCC to DGTL#page1.tif source=71712-US-NP 20140616 EWB Assignment TDCC to DGTL#page2.tif source=71712-US-NP 20140616 EWB Assignment TDCC to DGTL#page3.tif

PATENT 502852333 REEL: 033106 FRAME: 0556

This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 680 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 24, 20//

From, the ASSIGNOR:

THE DOW CHEMICAL COMPANY

2030 Dow Center

Midland, Michigan 48674 United States of America

of the invention entitled:

COMPOSITE POLYAMIDE MEMBRANE DERIVED FROM CARBOXYLIC ACID CONTAINING ACYL HALIDE MONOMER

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	Midlan	d, Michigan 48674, I	JSA	
this 24	day of	October	, 20 <u>H</u>	
CORP SEAC		DOW G	BAL TECHNOLOG	HES LLC
			N B. TREANGEN orized Representative	
		NOTARIAI	. CERTIFICA	TE
UNITED ST	ATES	OF AMERICA)		
STATE OF			SS	
County/Paris				
before me, Jo known or ident and acknowled	OHN B. ified to n ged the s said Lin	TREANGEN, Authorie to be the individual ame as a free act and c	rized Representative, described in and who ex deed for uses and purpos	, personally appeared recuted the foregoing document es therein expressed by State of Delaware, United
I further certify	that said	authority, dated Jam	nary 6, 2011, is based or	k

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

 Keulip Sub Wertz hotafy funde, eigeneo county, monisas hy commission expines apre 07, 2012

> PATENT REEL: 033106 FRAME: 0557

This Assignment 440 is in the ENGLISH language and test the same meaning in order languages with the same 440 number. FOR M 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):

Abhishek Roy, 6701 Indian Hills Road, Edina, Minnesota 55439, United States of America, Citizen of India and Joseph D. Koob, 735 Dakota Point, Jordan, Minnesota 55352, United States of America, Citizen of United States of America of an invention relating to and entitled:

COMPOSITE POLYAMIDE MEMBRANE DERIVED FROM CARBOXYLIC ACID CONTAINING ACYL HALIDE MONOMER

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 Assignee, and do hereby authorize said Assignee to insert here the Priority Number, Filing Date, and Filing Country

Priority Number	Filing Date	Filing Country	
61/540.555	September 29, 2011	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 ensumbered by any grant, license, or other right heretofore given.

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

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CORP.

THE DOW CHEMICAL COMPANY

DARRYLP, FRICKEY

Assistant General Counsel - IP Law

Attach Notarial Certificate (Corporation)

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

NOTARIAL CERTIFICATE (Corporation)

UNITED STATES OF AMERICA) STATE OF MICHIGAN) SS County/Parish of Midland)
On this
I further certify that said authority, dated April 6, 2011, is based on

a Certified Resolution

which I have seen, appointing the said individual Assistant General Counsel - IP Law with full power to sign the foregoing document on behalf of the said corporation and that the purposes for which said document is granted are within the scope of the objects or activities of said corporation.

SEAL

O Kathy Sue Wertz NOTARY PUBLIC, MISSAED COUNTY, MICHIGAN NY COMMISSION EXPIRES APPR 07, 2012

> PATENT REEL: 033106 FRAME: 0559

RECORDED: 06/16/2014