504248913 02/28/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4295591

SUBMISSION TYPE:		N	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		A	ASSIGNMENT				
SEQUENCE:			3				
CONVEYING PARTY D	ΑΤΑ						
		Na	Name			Execution Da	
THE DOW CHEMICAL COMPANY						04/09/2013	
RECEIVING PARTY DA							
Name: DOW GLOBAL TECHNOLOGIES LLC							
Street Address:	2040 D	OW CE	NTER				
City:	MIDLA	ND					
State/Country:	місніе	GAN					
Postal Code:	48674						
			Number				
Property Type		144072	Number				
Property Type		144073					
Property Type Application Number:		144073					
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This 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

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 Mou Paul, 6701 Indian Hills Road, Edina, Minnesota 55439, United States of America, Citizen of India

of an invention relating to and entitled:

COMPOSITE POLYAMIDE MEMBRANE WITH IMPROVED STRUCTUREWe 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
61/775.814	March 11, 2013	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 at Midland, Michigan 48674, USA

7 day of Annil _____, 20 <u>/ 3</u> ans

CORP SEAL

THE DOW CHEMICAL COMPANY DARRYL P. FRICKEY Assistant General Counsel - TP Law

Attach Notarial Certificate (Corporation)

•660 • 660 •

This Assignce Acceptance 666 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 United States of America

hereby accept the ASSIGNMENT attached hereto which is dated: April 9 2013

From. the ASSIGNOR:

THE DOW CHEMICAL COMPANY 2030 Dow Center Midland, Michigan 48674 United States of America

of the invention entitled:

COMPOSITE POLYAMIDE MEMBRANE WITH IMPROVED STRUCTURE

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	I, Michigan 48674, USA	
this 10	_day of _	April	. 20 [.3

CORP. SEAL DOW GLOBAL TECHNOLOGIES LLC

SUSAN M. ZERULL Authorized Representative

NOTARIAL CERTIFICATE

UNITED STATES OF AMERICA STATE OF MICHIGAN County/Parish of Midland

On this <u>10</u> day of <u>April</u>, 20<u>13</u>, personally appeared before me, SUSAN M. ZERULL, Authorized Representative,

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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 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.

Kathy Sue Wertz NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES APRIL 07, 2018

SEAL

PATENT REEL: 041401 FRAME: 0168 This Notimal Certificate 550 is in the ENGLISH language and has the same meaning in other languages with the same 550 number

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 (Corporation)

UNITED STATES OF AMERICASTATE OF MICHIGAN) SSCounty/Parish of Midland)

On this <u>9</u> day of <u>April</u>, 20<u>13</u>, personally appeared before me. DARRYL P. FRIČKEY, Assistant General Counsel - IP Law, 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 Corporation incorporated under the laws of the State of Delaware, United States of America.

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.

Kathy Sue Wertz (NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES APRIL 07, 2018

SEAL