504493752 08/08/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4540454

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DOW INTERNATIONAL TECHNOLOGY CORPORATION	12/19/2014

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:	14414645

CORRESPONDENCE DATA

Fax Number: (612)659-9344

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: 6126599340

Email: Dow.Docketing@bipl.net

Correspondent Name: BROOKS, CAMERON & HUEBSCH, PLLC Address Line 1: 1201 MARQUETTE AVENUE SOUTH

Address Line 2: SUITE 400

Address Line 4: MINNEAPOLIS, MINNESOTA 55403

ATTORNEY DOCKET NUMBER:	72993-US-PCT
NAME OF SUBMITTER:	ALEXANDER MARQUARDT
SIGNATURE:	/Alexander Marquardt/
DATE SIGNED:	08/08/2017

Total Attachments: 3

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PATENT 504493752 REEL: 043230 FRAME: 0515

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:

DOW INTERNATIONAL TECHNOLOGY CORPORATION

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):

M J. Yanjarappa, B-11, Sukhwani Woods, Near Vineyard Church, Pune-411012, India, Citizen of India

by an Assignment dated: August 31, 2012 of an invention relating to and entitled:

N-VINYLPYRROLIDONE-BASED CATIONIC COPOLYMER FOR SEPARATING AN OIL-INWATER EMULSION

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

WE, the ASSIGNEE:

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 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
61/677,087	July 30, 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 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.

CORP. SEAL DOW INTERNATIONAL TECHNOLOGY CORPORATION

DARRYL P. FRICKEY

Secretary

Attach Notarial Certificate

PATENT REEL: 043230 FRAME: 0516 This Assignce Acceptance 660 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:

THE DOW CHEMICAL COMPANY

2030 Dow Center

Midland, Michigan 48674 United States of America

hereby accept the ASSIGNMENT which is dated: <u>December</u> 19, 2014

From, the ASSIGNOR:

DOW INTERNATIONAL TECHNOLOGY CORPORATION

2030 Dow Center

Midland, Michigan 48674 United States of America

of the invention entitled:

N-VINYLPYRROLIDONE-BASED CATIONIC COPOLYMER FOR SEPARATING AN OIL-INWATER EMULSION

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 19	day of December, 2014
	THE DOW CHEMICAL COMPANY
CORP SEAL	T 127'
	DARRYL P. FRICKEY
	Authorized Representative

NOTARIAL CERTIFICATE

STATE OF MICHIGAN) SS		
County/Parish of Midland)		
On this 19 day of Deci	ember	_, 20 <u>/4</u> _	_, personally appeared
before me, DARRYL P. FRICKEY.	, Authorized Rep	resentative,	
known or identified to me to be the ind	ividual described	in and who exec	uted the foregoing document
and acknowledged the same as a free ac	et and deed for use	es and purposes	therein expressed by

authority of the said entity organized and existing under the laws of the State of Delaware, United

I further certify that said authority, dated July 12, 2013, is based on

UNITED STATES OF AMERICA)

a Certified Resolution

States of America.

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

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

> PATENT REEL: 043230 FRAME: 0517

●550 € 550

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 19 day of December, 20 14 personally appeared
before me, DARRYL P. FRICKEY, Secretary, 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 January 3, 2007, is based on
an Authorization Policy of the said Corporation
which I have seen, appointing the said individual Secretary 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

NOTATA FUBLIC, MIDLAND COUNTY, MICHIGAM MY COMMISSION EXPIRES APRIL 37: 2018

> PATENT REEL: 043230 FRAME: 0518

RECORDED: 08/08/2017