502623608 01/07/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2670218

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT			
CONVEYING PART	Y DATA					
		Name	Execution Date			
THE DOW CHEMIC	CAL COMPANY		06/25/2012			
RECEIVING PARTY	DATA					
Name:	DOW GLOBA	DOW GLOBAL TECHNOLOGIES LLC				
Street Address:	2040 DOW CE	2040 DOW CENTER				
City:	MIDLAND	MIDLAND				
State/Country:	MICHIGAN	MICHIGAN				
Postal Code:	48674	48674				
Application Number: 13581		13581578				
Property Type		Number	Number			
CORRESPONDENC	E DATA					
Fax Number: (989)636-3237						
Phone: 9896360618						
Email:		el@dow.com il when the email attempt is unsuccessful.				
Correspondent Nam		THEW ROEDEL				
Address Line 1: 2040 DOW CENTER						
Address Line 4:	MID	AND, MICHIGAN 48674				
ATTORNEY DOCKET NUMBER:		72607-US-PCT	72607-US-PCT			
NAME OF SUBMITTER:		MATTHEW ROEDEL	MATTHEW ROEDEL			
Signature:		/Matthew Roedel/	/Matthew Roedel/			
Date:		01/07/2014	01/07/2014			
	CT 20140107 EWB	Dow Chemical to DGTL#page1.tif Dow Chemical to DGTL#page2.tif				

PATENT REEL: 031905 FRAME: 0523 ବ୍ୟୟର କମ୍ପର କମ୍ପର ଜମନ୍ତ କମନ୍ତ କମନ୍ତ

This Assignee Acceptance 660 is in the ENGLISH Israege and has the same meeting in other languages with the same 560 moniber. 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: June 18, 2012

From, the ASSIGNOR:

THE DOW CHEMICAL COMPANY

2030 Dow Center

Midland, Michigan 48674 United States of America

of the invention entitled:

MULTI-CHAMBERED HYDROCLONE

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 DOW GLOBAL TECHNOLOGIES LLC CORP.

Authorized Representative

NOTARIAL CERTIFICATE (Corporation)

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

On this 25 day of 4, 20 /2, personally appeared

before me, SUSAN M. ZERELL, 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 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, 2011, 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

Kuthy Sue Wenz

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

> **PATENT** REEL: 031905 FRAME: 0524

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This Assignment 440 is in the EMGLISH language and has the same meaning in other languages with the same 440 number PORM 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):

John H. Mallard, 20793 Pamela Way, Saratoga, California 95070, United States of America, Citizen of United States of America; Eugene A. Mckay, 23 Skyline Drive, Woodside, California 94062, United States of America, Citizen of United States of America; and Steven E. O'Reilly, 907 Timothy Lane, Menlo Park, California 94025, United States of America, Citizen of United States of America

of an invention relating to and entitled:

MULTI-CHAMBERED HYDROCLONE

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
PCT/US2012/035966	May 1, 2012	International

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

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) Application Number 1	Referrer France	ettiki Commo
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		1

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

inis 18 day of Jume

, 20

CORP.

THE DOW CHEMICAL COMPANY

DARRYL P. FRICKEY

Assistant General Counsel - IP Law

Attach Notarial Certificate (Corporation)

This Morarial Contificate 550 is in the ENGLISH language and has the same meaning in other languages with the same 550 mamber.

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.
MY COMMISSION EXPRES APPRIL 07, 2018

SEAL

RECORDED: 01/07/2014

PATENT

REEL: 031905 FRAME: 0526