09/13/2017 504544704

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4591411

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRAD M. MONCLA	12/17/2004
MATTHEW J. KALINOWSKI	12/15/2004
DAVE SPETH	12/17/2004
CHARLES DIEHL	12/17/2004
DALE SCHMIDT	12/15/2004
KEVIN D. MAAK	12/15/2004

RECEIVING PARTY DATA

Name:	DOW GLOBAL TECHNOLOGIES INC.	
Street Address:	WASHINGTON STREET	
Internal Address:	1790 BUILDING	
City:	MIDLAND	
State/Country:	MICHIGAN	
Postal Code:	48674	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12861456

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: 989-636-7934 Email: kswertz@dow.com **Correspondent Name: KATHY WERTZ** 2040 DOW CENTER Address Line 1:

Address Line 4: MIDLAND, MICHIGAN 48674

ATTORNEY DOCKET NUMBER:	63462-US-DIV
NAME OF SUBMITTER:	KATHY WERTZ
SIGNATURE:	/Kathy Wertz/
DATE SIGNED:	09/13/2017

PATENT REEL: 043571 FRAME: 0171

504544704

Total Attachments: 6

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PATENT REEL: 043571 FRAME: 0172 ed 110 is in the PDACE 2007

FORM 110 (R 597)

Docket Ref. 63462 US

INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION (WITH PRIORITY RIGHTS)

I/we verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled:

AQUEOUS DISPERSION, ITS PRODUCTION METHOD, AND ITS USE

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below my/our name(s). I/we acknowledge that I/we, by virtue of my/our employee agreement(s) and contractual agreement(s) between our employer(s) and Dow Global Technologies Inc., hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for Dow Global Technologies Inc.. As trustee(s), and for good and valuable consideration and/or the remuneration received for my/our work from my/our employer, I/we sell, assign and transfer unto:

> DOW GLOBAL TECHNOLOGIES INC. Washington Street

1790 Building Midland, Michigan 48674 UNITED STATES OF AMERICA a corporation organized and existing under the laws of the State of DELAWARE, U.S.A. (hereinafter referred to as the "Assignee"); my/our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make applications, including provisional applications when permitted by law, for Letters Patent in its own name, or in the name of its designee (or nominee(s)); and all rights and powers to file any corresponding or equivalent applications in any and all countries, including all rights to claim priority under all United States domestic laws, International Convention(s) and Treaties in the name of Assignee, and do hereby authorize Assignee or its designee to insert here the Application No. 10/925,693 Filing Date August 25, 2004 in country the United States of America of the application, on which the claim for priority will be based; and in and to any Letters Patent that may be issued for the invention in any and all countries. I/we do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition or litigation which may arise involving the invention or the patent or patents thereon, and to execute for any and all countries any document relating to applications derived from, corresponding to or equivalent to the above identified application as Assignce may request; and I/we do hereby authorize Assignce or its designee (or nominee(s)) to insert here any corresponding <u>eauivalent</u> Application No. Filing Date in country to the above Priority application of any country where that country's patent property must be identified and entered herein above for recordal of this Assignment. I'we authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that any such Letters Patent be issued to Assignee; and consent to the recordal of this Assignment, or a Notarial True Copy thereof, being under covenant not only that I/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 Declared by me/us; At: Midland, Michigan 48674, USA At: Freeport, Texas 77541, USA
this 1 th day of Decamaes this 15 day of Decomber 2004 2004 Effective as of August 25, 2004 Effective as of August-25, 2004 Signature: Matthew J. Kalinowski n Full Name: Full Name: Brad M. Moncla Residence: 11133 LaDuke Road Residence: 56 Nandina Court Freeland, Michigan 48623 Lake Jackson, Texas 77566 Country: United States of America Country: United States of America Citizenship: United States of America Citizenship: United States of America P. O. Address: Same as Residence P. O. Address: Same as Residence Employed By: The Dow Chemical Company The Dow Chemical Company Employed By: Of Country: United States of America Of Country: United States of America Al: Freeport, Texas 77541, USA At: Midland, Michigan 48674, USA this 17 day of Deces _day of _ Effective as of August 25, 2004 Effective as of August 25, 2004 barle Signature: Charles Diebl Full Name: Full Name: Dave Speth Residence: 119 Dewberry Residence: 1207 Evamer Lake Jackson, Texas 77566 Midland, Michigan 48640 United States of America Country: Country: United States of America Citizenship: United States of America Citizenship: United States of America P. O. Address: Same as Residence P.O. Address: Same as Residence Employed By: The Dow Chemical Company Employed By: The Dow Chemical Company Of Country: United States of America Of Country: United States of America

This Assignment 110 is in the EHGLISK language and has the same meaning in other languages with the same 110 number and R/Date

FORM 110 (R 5/97)

Docket Ref. 63462 US

INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION (WITH PRIORITY RIGHTS)

I/we verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled:

AQUEOUS DISPERSION, ITS PRODUCTION METHOD, AND ITS USE

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below my/our name(s). I/we acknowledge that I/we, by virtue of my/our employee agreement(s) and contractual agreement(s) between our employer(s) and Dow Global Technologies Inc., hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for Dow Global Technologies Inc.. As trustee(s), and for good and valuable consideration and/or the remuneration received for my/our work from my/our employer, I/we sell, assign and transfer unto:

DOW GLOBAL TECHNOLOGIES INC.

		Washington St	reet
		1790 Building	1 10/0
		Midland, Mich	nigan 48674 TES OF AMERICA
		UNIEDSIA	IES OF AMERICA
. ī i ī	my/our entire right, including provision nominee(s)); and al rights to claim prior to hereby authorize	title and interest throughout the worl al applications when permitted by lav I rights and powers to file any corres rity under all United States domestic Assignee or its designee to insert he	
	Application No		Date August 25, 2004
i i i	of the application, of invention in any and interference, conflic execute for any and identified application any corresponding	d all countries. I/we do hereby agree et, opposition or litigation which may all countries any document relating to on as Assignee may request; and I/we	e based; and in and to any Letters Patent that may be issued for the to assist Assignee in the prosecution of the application(s) and in any varise involving the invention or the patent or patents thereon, and to to applications derived from, corresponding to or equivalent to the above e do hereby authorize Assignee or its designee (or nominee(s)) to insert here
	Application No in country		Filing Date
) :	<i>for recordal of this</i> and we request that Copy thereof, being	Assignment. I/we authorize Assigne any such Letters Patent be issued to under covenant not only that I/we ha grant, license, or other right heretofo	that country's patent property must be identified and entered herein above the or its designee to translate this Assignment into all languages necessary; Assignee; and consent to the recordal of this Assignment, or a Notarial True ave full power to make the same, but also that such assigned rights are not one given.
			At: Midland, Michigan 48674, USA
	At: Freeport, Te		this day of, 20
	this day of		Effective as of August 25, 2004
	Effective as of	August 25, 2004	
	Signature:		Signature:
	Full Name:	Brad M. Moneja	Full Name: Matthew J. Kalinowski
	Residence:	56 Nandina Court	Residence: 11133 LaDuke Road
		Lake Jackson, Texas 77566	Freeland, Michigan 48623 Country: United States of America
	Country:	United States of America	Citizenship: United States of America
	Citizenship:	United States of America	P. O. Address: Same as Residence
	P. O. Address:	Same as Residence	Employed By: The Dow Chemical Company
	Employed By: Of Country:	The Dow Chemical Company United States of America	Of Country: United States of America
	or country.	Omico Omico Of America	
	At: Columbus,	Ohio 43221, USA of December 2004	At: Freeport, Texas 77541, USA this day of , 20
	this 17 day	of December 2004	this day of, 20, 20
		August 25, 2004	
	Signature: 110	rox spron	Signature: Charles Diehl
	Full Name:	Dave Speth	Residence: 119 Dewberry
	Residence:	1207 Everner	Lake Jackson, Texas 77566
	Country:	Midland, Michigan 48640 United States of America	Country: United States of America
	Citizenship:	United States of America	Citizenship: United States of America
	P. O. Address:	Same as Residence	P. O. Address: Same as Residence
	Employed By:	The Dow Chemical Company	Employed By: The Dow Chemical Company
	Of Country:	United States of America	Of Country: United States of America

FORM 113

Page two of two

Docket Ref. 63462 US

Additional names, addresses and signatures to be attached to Form No. 110 Entitled: INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION

At: Midland, Michigan 48674, USA	At: Midland, Michigan 48674, USA
this S day of December , 2004	
Effective as of August 25, 2004	this 15 TH day of DECEMBER , 2004
0 1 1	Effective as of August 25, 2004
Signature: Dole C. Johnson	_
Full Name: Dale Schmidt	Signature
Residence: 5301 Swede Avenue	Full Name: Kevin D. Maak
Midland, Michigan 48642	Residence: 1138 S. Woodcock Road
Country: United States of America	Midland, Michigan 48640
Citizenship: United States of America	Country: United States of America
P. O. Address: Same as Residence	Citizenship: United States of America
Employed By: The Dow Chemical Company	P. O. Address: Same as Residence
Of Country: United States of America	Employed By: The Dow Chemical Company
Of Country. Children States of Atherica	Of Country: United States of America
At:	At:
At:	At:
	Effective as of
Signature:	- I South C
Residence:	Signature:
2 2 4 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Full Name:
Country:	Residence:
Citizenship:	
P. O. Address:	Country:
Employed By:	Citizenship:
Of Country:	P. O. Address:
	Employed By:
	Of Country:

This Assignment 220 is in the ENGLISH Imprope and has the same meaning in other languages with the same 550 number and R/Date.

FORM 220

Docket Ref. 63462 US

NOTARIAL CERTIFICATE (INDIVIDUAL)

UNITED STATES OF AMERICA) STATE OF TEXAS) SS County/Parish of Brazoria)
On this 17th day of leveralus, 2004, personally appeared before me,
Brad M. Moncla,
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 with the same as a free act and deed for uses and purposes therein expressed with the same as a free act and deed for uses and purposes therein expressed with the same as a free act and deed for uses and purposes therein expressed with the same as a free act and deed for uses and purposes therein expressed with the same as a free act and deed for uses and purposes therein expressed with the same as a free act and deed for uses and purposes therein expressed with the same as a free act and deed for uses and purposes therein expressed with the same as a free act and deed for uses and purposes therein expressed with the same as a free act and deed for uses and purposes therein expressed with the same as a free act and deed for uses and purposes therein expressed with the same as a free act and deed for uses and purposes therein expressed with the same as a free act and deed for uses and purposes therein expressed with the same as a free act and deed for uses and purposes therein expressed with the same as a free act and deed for uses and purposes therein expressed with the same as a free act and deed for uses and purposes therein expressed with the same as a free act and deed for uses and purposes therein expressed with the same as a free act and deed for uses and purposes therein expressed with the same as a free act and deed for uses and purposes therein expressed with the same as a free act and deed for uses and purposes therein expressed with the same as a free act and deed for uses and purposes therein expressed with the same as a free act and deed for uses and purposes therein expressed with the same as a free act and deed for uses and purposes are also as a free act and deed for uses and purposes are also as a free act and deed for uses and purposes are also act and deed for uses and purposes are also as a free act and de
UNITED STATES OF AMERICA) STATE OF MICHIGAN) SS County/Parish of Midland)
On this 15th day of December, 2004, personally appeared before me,
Matthew J. Kalinowski,
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.
SEAL STATE OF THE MINISTER SEAL NOTICE OF THE MINISTER SEAL NOTICE OF THE MINISTER SEAL NOTICE OF THE PROPERTY
NOTARIAL CERTIFICATE (INDIVIDUAL)
UNITED STATES OF AMERICA) STATE OF MICHIGAN) SS County/Parish of Midland) On this day of, personally appeared before me,
Dave Speth,
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.
SEAL Notary Public

This Assignment 220 is in the ENGLISH language and has the same meaning in other languages with the same 220 number and R/Date

FORM 220

Docket Ref. 63462

NOTARIAL CERTIFICATE (INDIVIDUAL)

known or identified to me to be	the individual	lescribed in and who executed the
	Dave	Speth
On this <u>/1</u> day of <u>De ce</u> before me,	mber	, 20 <u>04</u> , personally appeared
County/Parish of Franklin) 33	
STATE OF Ohio)) SS	

foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.

SEAL

MICHELLE R. LAVERTY
Notary Public; State of Ohlo
My Commission Expires 02-23-07

This Assignment 220 is in the ENGLER imagazes and has the same meaning in ofter larguages with the same 550 number and R/Date.

FORM 220

Docket Ref. 63462 US

NOTARIAL CERTIFICATE (INDIVIDUAL)

UNITED STATES OF AMERICA) STATE OF TEXAS) SS County/Parish of Brazoria) On this // day of
Charles Diehl,
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 RET F. Notary Public Notary Public UNITED STATES OF AMERICA)
UNITED STATES OF AMERICA) STATE OF MICHIGAN) SS County/Parish of Midland On this the day of the county appeared before me,
Dale Schmidt,
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. SEAL Notary Public, Gladwin County, Michigan Acting in Midland County, Michigan My Commission Express time 12 2007
My Commission Expires June 12, 2007 NOTARIAL CERTIFICATE (INDIVIDUAL)
UNITED STATES OF AMERICA) STATE OF MICHIGAN) SS County/Parish of Midland) On this 15th day of 1 cember 2004 personally appeared before me,
Kevin D. Maak,
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. SEAL Notary Public

HOUSTON 316805v1 43225-63462USPT

RECORDED: 09/13/2017