504482293 08/01/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4528995

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
THE DOW CHEMICAL COMPANY	09/15/2003

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:	10247025

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
Address Line 1: 2040 DOW CENTER

Address Line 4: MIDLAND, MICHIGAN 48674

ATTORNEY DOCKET NUMBER:	43491B-US-DIV[1]
NAME OF SUBMITTER:	KATHY WERTZ
SIGNATURE:	/Kathy Wertz/
DATE SIGNED:	08/01/2017

Total Attachments: 3

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PATENT 504482293 REEL: 043150 FRAME: 0524

This Assignment 4-Rt is in the ENGI ISH language and has the same meaning in other languages with the same 440 number

This Assignment 440 is in the FPAGLISH language and has the same meaning in other languages with the same 440 number FORM 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).

Pradeep Jain, 308 Banyon Drive, Lake Jackson, Texas 77566, United States of America; Lonnie G. Hazlitt, 110 Wedgewood, Lake Jackson, Texas 77566, United States of America; Jacquelya A. deGroot, 349 Timbercreek Drive, Lake Jackson, Texas 77566, United States of America; and Kenneth W. Anderson, 54 Banyan Court, Lake Jackson, Texas 77566, United States of America

of an invention relating to and entitled.

NARROW MWD, COMPOSETIONALLY OPTIMIZED ETHYLENE INTERPOLYMER COMPOSITION, PROCESS FOR MAKING THE SAME AND ARTICLE MADE THEREFROM

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

received, sell,

WE, the ASSIGNET:

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, United States of America our entire right talle and
interest throughout the world, in and to the invention and all rights and powers to make application for 1 etters Patent in its own mane.
or in the come of its normings and all rights and powers to file any reissue, divisional, continuing of substitute application and any
corresponding applications in any and all countries, including all rights to claim priority under all International Conventions and
Freaties in the name of said Assignce, and do hereby authorize said Assignce to insert here the
Priority Number 60/059.555 and Filing Date September 19, 1997
in the 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
of the application on which the priority will be based, and in and to any Letters Patent that may be issued for said invention to 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 largation 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 this
Corresponding Application No. 09/156.948 and Filing Date September 18, 1998
in the United States of America
of the corresponding application in any country where that patent property must be entered for recorded 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 thin such assigned
recordal of this Assignment pering finder coveragin, into only that we have an inference and track the same and the same a
rights are not encumbered by any grant, becase, or other right heretofore given
Subscribed and Sworn by us at Midland, Michigan 48674, USA
this day of 20
THE DOW CHEMICAL COMPANY
C trees
NLW y
GRAHAM E. TAYLOR
Authorized Representative

Attach Notarral Certificate (Corporation)

PATENT REEL: 043150 FRAME: 0525 Dus Norarit Combone 550 is in the UNALISH language and leavibe same meaning acoustic languages with the same 550 minuber

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this Soland Centificate of the FSCd ISD language and base his same incoming or other languages with the same 550 dumber FORM 550

NOTARIAL CERTIFICATE (Corporation)

UNITED STA	ATES OF AMERICA)		
STATE OF M	4ICHIGAN) SS		
County/Parisl	of Midland)		
On this	day of		_, 20	, personally appeared
known or identi and acknowledg	ed the same as a free act as	tual describe nd deed for	ed in and who uses and purpo	executed the foregoing documen
I further certify	that said authority, dated I	February 13	3, 2003, is base	ed on
A Resolution of	f the Board of Directors o	f the said C	Corporation,	
foregoing docur	en, appointing the said ind nent on behalf of the said c rithin the scope of the object	corporation :	and that the pu	irposes for which said document
				· . <u>~.</u> ;
SEAL	"	•	Notary Public	•
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PATENT REEL: 043150 FRAME: 0526 The state of the s

This Assignee Acceptance mettern the ENGLISH Formings and less the some meaning in other Emmany's with the same 660 manufer FORM 660

ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE:

DOW GLOBAL TECHNOLOGIES INC.

Washington Street 1790 Building

Midland, Michigan 48674

UNITED STATES OF AMERICA

hereby accept the ASSIGNMENT attached hereto which is dated: September 15, 2003

THE DOW CHEMICAL COMPANY From the ASSIGNOR:

UNITED STATES OF AMERICA (1)

What this Assume Acceptains (400) and ASSO (NROME in the English Language

STATE OF MICHIGAN

2030 Dow Center Midland, Michigan 48674

UNITED STATES OF AMERICA

of the invention entitled:

SARROW MWD, COMPOSITIONALLY OPTIMIZED ETHYLENE INTERPOLYMER COMPOSITION, PROCESS FOR MAKING THE SAME AND ARTICLE MADE THEREFROM

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	day of	
COP SEA		
***	By: PHILIP D. SHEPHERD	

NOTARIAL CERTIFICATE (Corporation)

) SS

County/Parisi	of Midland)			
On this	day of	·, · · ·		personally ap	peared
	шле в. ѕперпе				
				xecuted the foregoing ses therein expressed	
				tate of Delaware, Ut	
Liturther certify:	that said authority,	dated February	y 11, 2002 , is based	Lon	
an Authorizatic	on Policy of the sai	d Corporation.	•		
foregoing docum		e said corporati	on and that the pur	ith full power to sign poses for which said oration.	
SEAL		 			
ana.		*	Notary Public	/992:	
		ÑO	TABY PUBLIC, RAY JOS	INTY, MICHIGAN	
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PATENT REEL: 043150 FRAME: 0527

RECORDED: 08/01/2017