## 504419312 06/19/2017

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4466012

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
ONVEYING PARTY	DATA				
		Name		Execution Date	
ROBERT E. HEFNER	JR.			06/19/2017	
RECEIVING PARTY I	ΟΑΤΑ				
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Correspondent Name Address Line 1: Address Line 4:	2 N NUMBER:	2040 DOW CENTER MIDLAND, MICHIGAN 48674			
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Correspondent Name Address Line 1: Address Line 4: ATTORNEY DOCKET IAME OF SUBMITTEI GIGNATURE: DATE SIGNED: Total Attachments: 1	2 NUMBER: R:	2040 DOW CENTER MIDLAND, MICHIGAN 48674 62927A-US-PCT KATHY WERTZ /Kathy Wertz/			

This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and Rabate.

FORM 110 (R 5/97)

## 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:

MULTIFUNCTIONAL MONOMERS CONTAINING BOUND MESOGENIC PORAGEN FORMING MOIETIES AND POLYARYLENE COMPOSITIONS THEREFROM

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 hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for our respective employers. As trustee(s), and for good and valuable consideration and/or the remuneration received for my/our work, I/we sell, assign and transfer unto:

Dow Global Technologies LLC 2040 Dow Center Midland, MI 48674 United States of America

an entity organized and existing under the laws of the state of Delaware (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 Priority Number, Filing Date, and Filing Country

Priority Number	Filing Date	Filing Country
60/513106	October 21, 2003	United States

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 Assignee may request.

I/we authorize Assignce or its designce to translate this Assignment into all languages necessary; and we request that any such Letters Patent be issued to Assignce; 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: <u>Freeport</u> , <u>Cextra</u> this <u>I 973</u> day of <u>France</u> , 2017 Effective as of October 19, 2004 Signature: <u>Multiple</u> , <u>Method</u> , <u>Cextra</u> Full Name: Robert E. Hefner, Jr. Mailing Address: Dow Global Technologies LLC 2301 Brazosport Boulevard Freeport, TX 77541 USA	At:
At:	At:
At:	At: