

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	HELMUT MACK	04/24/2019
RECEIVING PARTY DATA		
Name:	EVONIK RESOURCE EFFICIENCY GMBH	
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PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	16435638	
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NAME OF SUBMITTER:	MALIKA ASH SHAKUR	
SIGNATURE:	/Malika Ash Shakur/	
DATE SIGNED:	08/15/2019	
Total Attachments: 2		
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source=000803US_Assignment-Mack to Evonik Resource#page2.tif		

ASSIGNMENT

WHEREAS I/We, the below named inventor(s) (hereinafter referred to as ASSIGNOR(S)) have made an invention entitled:

**INCREASED PARTICLE LOADING BY
SURFACE MODIFICATION WITH POLYETHERSILANE**

for which an application was filed on **12 June 2018** as U.S. Application No. **62/684,059** (Attorney Docket No.); and

WHEREAS, **Evonik Resource Efficiency GmbH**, a corporation of Germany, whose post office address is **Rellinghauser Straße 1-11, 45128 Essen, Germany** (hereinafter referred to as ASSIGNEE), is desirous of securing the entire right, title, and interest in and to the aforesaid invention and/or any improvements thereon in all countries throughout the world, and in and to the application(s) for Letters Patent on the aforesaid invention and/or any improvements thereon and the Letters Patent to be issued upon the aforesaid U.S. and/or International application(s);

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR(S), by these presents do hereby sell, assign and transfer to ASSIGNEE, the full and exclusive right, title and interest in and to the aforesaid invention and any improvements thereon, the aforesaid application(s) and all corresponding and/or counterpart foreign patent applications, all divisional, continuation, continuation-in-part, reissue, reexamination, extension, substitution, registration, renewal, extension, Supplementary Protection Certificates or the like, and any additional patent applications which claim priority to the aforesaid application(s), and all Letters Patent or comparable rights issuing thereon in the United States and in all foreign countries, and all applications for Letters Patent which may hereafter be filed for the aforesaid invention and/or any improvements thereon in the United States and/or in any foreign country and all Letters Patent which may be granted on the aforesaid invention and/or any improvements thereon in the United States and/or in any foreign country, together with the right(s) to claim priority to the aforesaid patent application(s) and/or any improvements thereon, and the ASSIGNOR(S) hereby authorize and request the United States Commissioner of Patents and Trademarks and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent or comparable rights issuing on any application as aforesaid to ASSIGNEE, or to its successors, assigns or legal representatives;

ASSIGNOR(S) hereby covenant that ASSIGNOR(S) have full right to convey the entire interest herein assigned, and that ASSIGNOR(S) have not executed, and will not execute, any agreement in conflict herewith;

ASSIGNOR(S) agree to communicate to ASSIGNEE or to its successors, assigns or legal representatives any and all facts known to them or any of them respecting said invention, and without further remuneration to testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and reexamination applications, make all rightful oaths and generally do all lawful acts to aid ASSIGNEE or its successors, assigns or legal representatives to obtain and enforce proper patent protection for said invention in all countries and to enhance or perfect ASSIGNEE's title in and to the invention and patent rights therein.

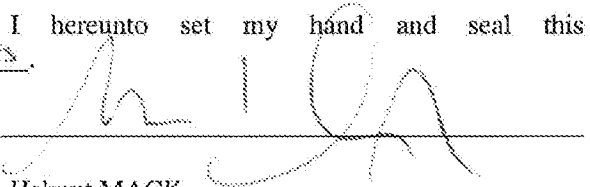
(Sheet 1 of 2)

ASSIGNOR(S) hereby authorize attorneys for ASSIGNEE to enter on this document any applicable serial numbers and filing dates after ASSIGNOR(S') execution of this document.

ASSIGNOR(S) hereby acknowledge an obligation to assign and do hereby assign all right, title and interest in and to the aforesaid invention and any improvements thereon to ASSIGNEE at the time the invention was made.

This Assignment may be executed in one (1) or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this
26 day of April 2018.



Helmut MACK

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Germany