504974373 06/24/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:	ASSIGNMENT				

CONVEYING PARTY DATA

Name	Execution Date		
BÄRBEL KOLBE	02/23/2018		
HANS-CHRISTIAN DIETZ	03/23/2018		
MICHAEL KLEIBER	03/26/2018		

RECEIVING PARTY DATA

Name:	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG
Street Address:	THYSSENKRUPP ALLE 1
City:	ESSEN
State/Country:	GERMANY
Postal Code:	45143

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15778425

CORRESPONDENCE DATA

Fax Number: (240)597-1153

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.

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Email: mike@msanzolaw.com **Correspondent Name:** MICHAEL A. SANZO Address Line 1: 15400 CALHOUN DRIVE

Address Line 2: **SUITE 125**

Address Line 4: **ROCKVILLE, MARYLAND 20855**

ATTORNEY DOCKET NUMBER:	7601/18052
NAME OF SUBMITTER:	MICHAEL A. SANZO
SIGNATURE:	/Michael A. Sanzo/
DATE SIGNED:	06/24/2018

Total Attachments: 2

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> **PATENT REEL: 046185 FRAME: 0879** 504974373

Attorney Docket No.: 150792P30US 2014P00294WOUS

ASSIGNMENT

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

PROCESS FOR THE EPOXIDATION OF PROPENE

for which an International application was filed on **25 November 2016** and was assigned the Application No. **PCT/EP2016/078770**; and is now in national stage as US 15/778,425.

WHEREAS, ThyssenKrupp Industrial Solutions AG, a corporation of Germany, whose post office address is ThyssenKrupp Allee 1, 45143 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)

PATENT REEL: 046185 FRAME: 0880

Attorney Docket No.: 150792P30US 2014P00294WOUS

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.

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(Sheet 2 of 2)

PATENT REEL: 046185 FRAME: 0881

RECORDED: 06/24/2018