

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
WANHUA CHEMICAL (NINGBO) CO., LTD.	01/31/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	WANHUA CHEMICAL GROUP CO., LTD.
<b>Street Address:</b>	NO. 17, TIANSHAN ROAD, YEDA,
<b>Internal Address:</b>	YANTAI
<b>City:</b>	SHANDONG
<b>State/Country:</b>	CHINA
<b>Postal Code:</b>	264006
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15720103
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	068881-00006
<b>NAME OF SUBMITTER:</b>	DIANE TORNIALI
<b>SIGNATURE:</b>	/Diane Torniali/
<b>DATE SIGNED:</b>	02/01/2018
<b>Total Attachments: 2</b>	
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CUSTOMER NO. 31013  
Atty. Docket No. 068881-00006

### ASSIGNMENT

WHEREAS We, **WANHUA CHEMICAL (NINGBO) CO., LTD.**, having an office located at Warhwa Industrial Park, Daxie, Development Zone, No. 39 Huandao North Road, Ningbo, Zhejiang, China 315812, (hereinafter referred to as the "ASSIGNOR"), have acquired by assignment rights in and to certain new and useful improvements in a **CATALYST FOR FIXED BED ANILINE RECTIFICATION RESIDUE RECYCLING AND PREPARATION METHOD THEREOF**, for which a divisional application was filed on September 29, 2017 as Application Serial No. 15/720,103; and

WHEREAS **WANHUA CHEMICAL GROUP CO., LTD.**, having an office located at No. 17, Tianshan Road, Yeda, Yantai, Shandong, China 264006, (hereinafter referred to as the "ASSIGNEE"), is desirous of obtaining all right, title and interest in, to and under the improvements and the application.

NOW, THEREFORE, in consideration of the sum of Five Dollars (\$5.00) and other good and valuable consideration paid by ASSIGNEE to ASSIGNORS, the receipt of which is hereby acknowledged, ASSIGNORS have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto ASSIGNEE, its successors, legal representatives and assigns, its entire right, title and interest in, to and under the improvements and the application, and all applications for Letters Patent based thereon, all divisions, renewals, substitutes and continuations thereof, and all Letters Patent of the United States that may be granted on any of the foregoing and all reissues and extensions thereof, and all applications for Letters Patent and any legal equivalent thereof, including the right to claim priority, that have been or may hereafter be filed for the improvements in any country or countries foreign to the United States, and all Letters Patent and any legal equivalent thereof that may be granted for the improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof, the same to be held and enjoyed by ASSIGNEE for its own use and benefit and for the use and benefit of its successors, assigns or other legal representatives fully and entirely as if the same would have been held and enjoyed by ASSIGNORS if this Assignment had not been made, to the end of the term or terms for which any Letters Patent and any legal equivalent thereof may be granted;

AND ASSIGNORS HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to record this Assignment, and to issue all Letters Patent for the improvements to ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

AND ASSIGNORS HEREBY covenant that ASSIGNORS have the full right to convey the entire interest herein assigned, and that ASSIGNORS have not executed, and will not execute, any agreement, assignment, sale or encumbrance in conflict herewith;

AND ASSIGNORS HEREBY further covenant and agree that ASSIGNORS will communicate to ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNORS respecting the improvements, and will testify in any legal proceeding, sign all lawful papers, execute all applications for Letters Patent, make all rightful oaths and generally do everything possible to aid ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the improvements in all countries.

IN TESTIMONY WHEREOF, ASSIGNORS have set their hands and seals to this Assignment.

WANHUA CHEMICAL (NINGBO) CO., LTD.

An Lijian  
Name (Print)

2018.1.31  
Date

Title IP manager

Tiang Qing mei  
Witnessed By

2018.1.31  
Date

Shen Lijun  
Witnessed By

2018.1.31  
Date