

## 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>
RUIXIA LIU	01/17/2018
SUOJIANG ZHANG	01/17/2018
RUIRUI ZHANG	01/17/2018
JUNPING ZHANG	01/27/2018
SHENGXIN CHEN	01/17/2018
FEI DAI	01/17/2018
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15748312
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<b>DATE SIGNED:</b>	01/29/2018
<b>Total Attachments: 4</b> source=7195451#page1.tif source=7195451#page2.tif source=7195451#page3.tif source=7195451#page4.tif	

**ASSIGNMENT OF PATENT**

WHEREAS, I, **LIU, Ruixia, ZHANG, Suojia, ZHANG, Ruirui, ZHANG, Junping, CHEN, Shengxin and DAI, Fei**, having an address at No. 1 Zhongguancun North Second Street Haidian District Beijing 100190, China, hereinafter referred to as "Assignor," have invented, a new and useful invention entitled, **APPLICATION OF IONIC LIQUID IN PROPYLENE GLYCOL ETHER SYNTHESIS AND METHOD FOR SYNTHESIZING PROPYLENE GLYCOL ETHER**, for which a U.S. Utility Patent Application is filed herewith, and any subsequent applications filed in connection with the above invention (the "Patent"); and

WHEREAS, **INSTITUTE OF PROCESS ENGINEERING, CHINESE ACADEMY OF SCIENCES**, having its principal place of business at No. 1 Zhongguancun North Second Street Haidian District Beijing 100190, China, hereinafter referred to as "Assignee," is desirous of acquiring the entire right, title and interest in and to the Patent.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, the Assignor, by these presents, do sell, assign and transfer unto Assignee, its successors and assigns, the full and exclusive right to the Patent and all letters patent of foreign countries which may be or have been issued on the invention disclosed in the Patent, all utilities, divisions, reissues, reexaminations, and continuations thereof, and all inventions disclosed therein, together with all claims for damages by reason of past or future infringement, with the right to sue for and collect the same for the use and benefit of Assignee and its successors and assigns.

Assignor warrants that he is the exclusive owner of the entire legal and equitable

interest in the Patent and the invention disclosed therein, free and clear of all liens and encumbrances; and that he has full power, authority, and capacity to make this Assignment to Assignee. Assignor covenants and agrees, for himself and for his successors and assigns that, at Assignee's request, Assignor will cause to be executed and delivered any applications, affidavits, assignments, and other instruments as may be deemed necessary or desirable by Assignee to secure for or vest in Assignee, its successors or assigns, all right, title, and interest in and to any application, patent, or other right or property covered by this Assignment, including the right to apply for and obtain patents in foreign countries under the provisions of the International Convention; and Assignor hereby requests and authorizes the United States Commissioner of Patents and Trademarks to issue any and all United States patents granted on the Patent to Assignee as owner of the entire right, title, and interest in and to the same, and authorizes appropriately empowered officials of foreign countries to issue any letters patent granted on the Patent to Assignee as owner of the entire right, title, and interest in and to the same.

By: LIU, Ruixia  
LIU, Ruixia

6/17/2018  
Date of Execution

By: Zhang Suojiang  
ZHANG, Suojiang

1/17/2018  
Date of Execution

By: ZHANG Ruirui  
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1/17/2018  
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By: ZHANG Junping  
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1/17/2018  
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By: CHEN Shengxin  
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In re.: LIU, Ruixia, etc.  
Attorney Docket No.:

By: DAI Fei  
DAI, Fei

1/17/2018  
Date of Execution