

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHUNG-YUAN MOU	05/10/2018
CHIH-CHENG LIU	05/10/2018
RECEIVING PARTY DATA	
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PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	14504681
PCT Number:	US1458745
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SIGNATURE:	/Xiaoyue Chen/
DATE SIGNED:	05/14/2018
Total Attachments: 3	
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ASSIGNMENT

WHEREAS, WE:

1. **Chung-Yuan MOU**, residing at No. 10, Aly. 5, Ln. 30, Sec. 3, Keelung Rd., Da'an Dist., Taipei City 106, Taiwan;
2. **Chih-Cheng LIU**, residing at No. 17-2, Ln. 26, Xin 1st Rd., Xinyi Dist., Keelung City 201, Taiwan;

herein called individually an "ASSIGNOR" and collectively "ASSIGNORS," in connection with the invention entitled:

"MOLECULAR CATALYSTS CAPABLE OF CATALYZING OXIDATION OF HYDROCARBONS AND METHOD FOR OXIDIZING HYDROCARBONS";

for which the following patent application(s):

Application Type	Application Serial No.	Filing Date
U.S. Nonprovisional Patent Application	14/504,681	October 2, 2014
PCT International Application	PCT/US14/58745	October 2, 2014

were submitted or filed (the "LISTED APPLICATIONS");

AND WHEREAS, **NATIONAL TAIWAN UNIVERSITY** (herein called "ASSIGNEE"), an entity organized and existing under the laws of Taiwan, having a principal place of business at:

No. 1, Sec. 4; Roosevelt Road
Taipei 10617
Taiwan, R.O.C.;

is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said LISTED APPLICATIONS;

NOW, THEREFORE, in consideration of my contractual and other legal obligations, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the invention(s) and discoveries disclosed in the LISTED APPLICATIONS, and the LISTED APPLICATIONS and all divisions, renewals, continuations and subsequent applications thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and

designs which may hereafter be filed for said invention(s) in any country or countries foreign to the United States; together with the right to file such applications and the right to claim for the same the priority of said patent applications listed herein and applications thereof and therefrom under The International Union for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application and applications thereof and therefrom is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention(s) in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND I 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 or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith;

AND I HEREBY authorize the above-mentioned ASSIGNEE or its legal representative to insert in this instrument the filing date and serial number of said application(s) or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document;

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention(s) and discoveries, and testify in any legal proceeding, sign all lawful papers, execute all continuing and subsequent applications, including divisional, reissue and foreign applications, make all rightful oaths, and generally cooperate and do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain, maintain, and enforce proper protection for said invention(s) and discoveries in any and all countries;

IN TESTIMONY WHEREOF, I hereunto set my hand and seal (if applicable) the day and year set opposite my signature.

Assignor 1

Date: 2018/5/10 Chung-Yuan MOU
Chung-Yuan MOU

Certificate of Witness

I acknowledge that I was personally present and did see the above person, who is personally known to me, duly execute the above assignment on the date therein set forth.

Signature of Witness Chieh-Yin Tung
Printed Name of Witness Chieh-Yin Tung
Address of Witness 128 sec 2, Academia Road, Nankang, Taipei 11529, Taiwan

Assignor 2

Date: 2018/5/10 Chih-Cheng LIU
Chih-Cheng LIU

Certificate of Witness

I acknowledge that I was personally present and did see the above person, who is personally known to me, duly execute the above assignment on the date therein set forth.

Signature of Witness Chieh-Yin Tung
Printed Name of Witness Chieh-Yin Tung
Address of Witness 128 sec 2, Academia Road, Nankang, Taipei 11529, Taiwan

Additional Assignors/Assignees on additional sheets: NO