


A/D 581-40

IAP01Rec'd PCT 18 MAY 2010

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05-25-2010

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

5-18-10  103598073

COVER SHEET
-Y 12734763

To the Director of the U.S. Patent and Trademark Office, _____ attached documents or the new address(es) below.

1. Name of conveying party(ies)
 #1: Tao ZHANG; #2: Na Ji;
 #3: Mingyuan ZHENG; #4: Aiqin WANG;
 #5: Yuying SHU; #6: Xiaodong WANG;
 #7: Jingguang CHEN

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
 Name: Dalian Institute of Chemical Physics, Chinese Academy
 Internal Address: _____
 Street Address: No. 457 Zhongshan Road
 City: Dalian
 State: Liaoning
 Country: China Zip: _____

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):
 Execution Date(s) #1 & 7: 12/10/2009; #2-6: 12/09/2009

Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

4. Application or patent number(s): This document is being filed together with a new application.

A. Patent Application No.(s)
 B. Patent No.(s)

Additional numbers attached? Yes No

12734763

5. Name and address to whom correspondence concerning document should be mailed:
 Name: Raymond Y. Chan
 Internal Address: _____
 Suite 128
 Street Address: _____
 108 N. Ynez Avenue
 City: Monterey Park
 State: California Zip: 91754
 Phone Number: 626-571-9812
 Fax Number: 626-571-9813
 Email Address: raymondc@davidandraymond.com

6. Total number of applications and patents involved: 1


7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
 Expiration Date _____

b. Deposit Account Number _____
 Authorized User Name _____

9. Signature:  _____ Date: 05/18/2010

Raymond Y. Chan
 Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 8

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

05/21/2010 LLANDGRA 00000024 12734763

04 FC:8021 40.00 DP

PATENT
REEL: 024436 FRAME: 0258

ASSIGNMENT

127734763

WHEREAS, I (we), Tao ZHANG

whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, have invented a certain new and useful improvements in **Tungsten Carbide Catalysts, their Preparation and Application in Synthesis Ethylene Glycol from Cellulose** (hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

- executed on even data herewith
 executed on:
 filed on:

Serial No.:

WHEREAS, Dalian Institute of Chemical Physics, Chinese Academy of Sciences

whose post office address is No.457 Zhongshan Road, Dalian, Liaoning, P.R. China hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.

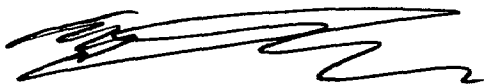
ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the INVENTION that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes Raymond Y. Chan to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

ASSIGNOR NAME: Tao ZHANG

ADDRESS: No.457 Zhongshan Road, Dalian, Liaoning, P.R. China



SIGNATURE

Dec. 10, 2009

DATE

121734763

LAP01Rec'd PCT 18 MAY 2010

UTILITY PATENT

Attorney's
Docket No.: USP4385C/SZ486-SYA

ASSIGNMENT

WHEREAS, I (we), Na Ji

whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, have invented a certain new and useful improvements in **Tungsten Carbide Catalysts, their Preparation and Application in Synthesis of Ethylene Glycol from Cellulose** (hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

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ASSIGNOR NAME: Na Ji
ADDRESS: No.457 Zhongshan Road, Dalian, Liaoning, P.R. China

Na Ji

SIGNATURE

Dec. 9. 2009

DATE

12/734763

14P01Rec'd PCT 13 MAY 2010

UTILITY PATENT

Attorney's
Docket No.: USP4385C/SZ486-SYA

ASSIGNMENT

WHEREAS, I (we), **Mingyuan ZHENG**
whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, have invented a
certain new and useful improvements in **Tungsten Carbide Catalysts, their Preparation
and Application in Synthesis of Ethylene Glycol from Cellulose**
(hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

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whose post office address is **No.457 Zhongshan Road, Dalian, Liaoning, P.R.China**
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same in the United States;

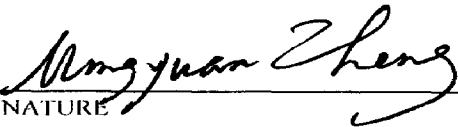
NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby
acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the
entire right, title, and interest in and to said INVENTION and application throughout the United States of
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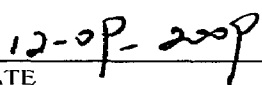
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may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment
and sale not been made.

ASSIGNOR authorizes **Raymond Y. Chan** to insert or complete any information in this document
needed to effect its recordal in the U.S. Patent and Trademark Office.

ASSIGNOR NAME: **Mingyuan ZHENG**
ADDRESS: **No.457 Zhongshan Road, Dalian, Liaoning, P.R.China**



SIGNATURE



DATE

ASSIGNMENT

WHEREAS, I (we), Aiqin WANG whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, have invented a certain new and useful improvements in Tungsten Carbide Catalysts, their Preparation and Application in Synthesis of Ethylene Glycol from Cellulose (hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

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executed on:
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WHEREAS, Dalian Institute of Chemical Physics, Chinese Academy of Sciences whose post office address is No.457 Zhongshan Road, Dalian, Liaoning, P.R. China hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States;

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ASSIGNOR authorizes Raymond Y. Chan to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

ASSIGNOR NAME: Aiqin WANG
ADDRESS: No.457 Zhongshan Road, Dalian, Liaoning, P.R. China

Aiqin Wang
SIGNATURE

Dec. 9. 2009
DATE

ASSIGNMENT

WHEREAS, I (we), Yuying SHU
whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, have invented a
certain new and useful improvements in **Tungsten Carbide Catalysts, their Preparation
and Application in Synthesis of Ethylene Glycol from Cellulose**
(hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

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needed to effect its recordal in the U.S. Patent and Trademark Office.

ASSIGNOR NAME: Yuying SHU
ADDRESS: No.457 Zhongshan Road, Dalian, Liaoning, P.R.China


SIGNATURE


DATE

UTILITY PATENT

Attorney's
Docket No. USP4385C/SZ486-SYA

ASSIGNMENT

WHEREAS, I (we), Xiaodong WANG
whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, have invented a
certain new and useful improvements in **Tungsten Carbide Catalysts, their Preparation
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ASSIGNOR NAME: Xiaodong WANG
ADDRESS: No.457 Zhongshan Road, Dalian, Liaoning, P.R. China

Xiaodong Wang
SIGNATURE

Dec 9, 2009
DATE

121734763

UTILITY PATENT

Attorney's Docket No.: USP4385C/SZ486-SYA

ASSIGNMENT

WHEREAS, I (we), Jingguang CHEN whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, have invented a certain new and useful improvements in Tungsten Carbide Catalysts, their Preparation and Application in Synthesis of Ethylene Glycol from Cellulose (hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

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ASSIGNOR NAME: Jingguang CHEN
ADDRESS: No.457 Zhongshan Road, Dalian, Liaoning, P.R.China

Jingguang Chen

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Dec. 10, 2009

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