#### 502616709 12/30/2013

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2663303

| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

# **CONVEYING PARTY DATA**

| Name         | Execution Date |
|--------------|----------------|
| JING CHEN    | 11/12/2013     |
| HEYUAN SONG  | 11/12/2013     |
| CHUNGU XIA   | 11/12/2013     |
| MEIRONG KANG | 11/12/2013     |
| RONGHUA JIN  | 11/12/2013     |

# **RECEIVING PARTY DATA**

| Name:           | LANZHOU INSTITUTE OF CHEMICAL PHYSICS, CHINESE ACADEMY OF SCIENCES |
|-----------------|--|
| Street Address: | NO. 18, TIANSHUI MIDDLE ROAD                                       |
| City:           | LANZHOU  |
| State/Country:  | CHINA  |
| Postal Code:    | 730000   |

#### **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |  |  |
|---------------------|----------|--|--|
| Application Number: | 13723115 |  |  |

# **CORRESPONDENCE DATA**

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Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: MANNI LI MEI & MARK LLP

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| ATTORNEY DOCKET NUMBER: | 42588.8012.US00 |
|-------------------------|-----------------|
| NAME OF SUBMITTER:      | MANNI LI        |
|                         | PATENT          |

**REEL: 031861 FRAME: 0078** 

502616709

| Signature:   | /Manni Li/ |
|--|------------|
| Date:  | 12/30/2013 |
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PATENT REEL: 031861 FRAME: 0079

#### ASSIGNMENT

WHEREAS Jing CHEN, Heyuan SONG, Chungu XIA, Meirong KANG, and Ronghua JIN, having an address as indicated below on the signature block, hereinafter referred to collectively as the Assignor, has invented certain improvement relating to SYSTEM AND METHOD FOR CONTINUOUSLY PRODUCING POLYOXYMETHYLENE DIALKYL ETHERS, which the Assignor has caused an application for United States Letters Patent to be prepared,

|             | executed concurrently herewith.   |
|-------------|---|
| $\boxtimes$ | said application having been filed in the United States Patent and Trademark Office or December 20, 2012 and given an Application Serial No. 13/723,115 |
|             | said application having been filed under the Patent Cooperation Treaty on,  Serial No the United States of America being designated.                    |

AND WHEREAS Lanzhou Institute of Chemical Physics, Chinese Academy of Sciences, having an address at No. 18, Tianshui Middle Road, Lanzhou 730000, P.R. CHINA, hereinafter referred to as the assignee, is desirous of acquiring the entire right, title, and interest in and to the said patents and/or patent applications, and inventions, including any continuations, divisions, renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to assignor, the receipt of which is hereby acknowledged, the assignor, hereby assigns, sells, and transfers to said assignee, and said assignee's successors and assigns, the entire and exclusive right, title and interest in and to said patents and/or patent applications including patents issuing thereon, and inventions, including any and all continuations, divisions, renewals, reissues, and prolongations thereof; said assignees, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said inventions, patents, patent applications, including any and all continuations, divisions, renewals, reissues, and prolongations thereof, with all the rights, powers, privileges and advantages otherwise arising from or appertaining thereto, for and during the term of such applications, continuations and divisions, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same; if this assignment had not been made;

AND the assignor agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the asserting of the said patents, including any and all renewals, reissues and prolongations thereof;

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all continuations, divisions, renewals, reissues and prolongations thereof;

This assignment includes the transfer of the right which the assignor has or may have in recovering damages for past infringement of the said patents.

Page 1 of 4

| Date:    | Nov.      | 12.            | 2013                | _               |                  | Signature:      | Jin          | g C                      | hen    |         |
|----------|-----------|----------------|---------------------|-----------------|------------------|-----------------|--------------|--------------------------|--------|---------|
| Address  | : No. 18. | Tiar           | shui Middle         | e Road.         | Lanzho           | ou 730000, P.   | R CHINA      | 4                        | Ji     | ng CHEN |
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| WITNES   | SSES TO   | SIGN           | ATURE BY            | Jing C          | HEN              |                 |              |                          |        |         |
| 1.       |           |                | Xìa                 | oja             | FanG             |                 | No           | v. 12.                   | 2012   |         |
|          |           |                | Sigr<br>Xiaoji      | ature<br>a FANG |                  |                 |              | Date                     | :      |         |
|          |           |                | Nan                 | ne              |                  |                 |              |                          |        |         |
|          | N         | ). 18 <u>.</u> | Tianshui Mid<br>Add |                 | d, Lanzho        | ou 730000, P.R. | CHINA        |                          |        |         |
| 2.       | <u></u>   |                | Jin                 | TonG            |                  |                 | N            | n. 12.                   | 2013   |         |
|          |           |                | -                   | ature           |                  |                 |              | Date                     |        |         |
|          | _         |                |                     | ONG             |                  |                 |              |                          |        |         |
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|          | No        | . 18.          |                     |                 | <u>. Lanzhou</u> | 730000, P.R.    | <u>CHINA</u> |                          |        |         |
|          |           |                | Add                 | ress            |                  |                 |              |                          |        |         |
|          |           |                |                     |                 |                  |                 |              |                          |        |         |
| Date:    | Nov.      | /2.            | 2013                |                 |                  | Signature:      |              | Hey                      | uan S  | ONG     |
|          |           |                |                     |                 |                  |                 |              |                          | Heyu   | an SONG |
| Address  | : No. 18, | Tian           | shui Middle         | Road,           | Lanzho           | u 730000, P.    | R. CHINA     | f.                       |        |         |
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|          |           |                | Sign                | ature<br>a FANG |                  |                 | ,            | Date                     |        |         |
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|          | No        | . 18.          | Tanshui Midd        | le Road,        | Lanzhou          | 730000, P.R. C  | HINA         |                          |        |         |
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| 2.       | -         |                | Jin                 | TONG            |                  |                 |              | <b>⊘6v.</b> /2<br>Date   | 2.2013 |         |
|          |           |                | Sign                | ature           |                  |                 |              | Date                     |        |         |
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|          |           |                | Nam                 |                 |                  |                 |              |                          |        |         |
|          | No        | . 18, )        |                     |                 | Lauzhou          | 730000, P.R. C  | HINA         |                          |        |         |
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| Date:     | MOV. 12.       | , 2015   | Signature:   | Chunga Xia  |
|-----------|----------------|--|--|---|
|           |                | hui Middle Road, La  |  | Chungu XIA  |
| WITNES    | SES TO SIGNA   | TURE BY Chungu X   | TA.  |   |
| 1.        |                | Xiaojia F  | ANG  | Mev. 12.2012  |
|           |                | Signature<br>Xiaojia FANG  |  | Nov. 13.2012<br>Date                                      |
|           |                | Name   |  |   |
|           | No. 18, Ti     | anshuí Middle Road, L<br>Address   | anzhou 730000, P.R. C                              | HINA  |
| 2.        |                | Jin Ton G  |  | Nov. 12. 2013  Date                                       |
|           |                | Signature<br>Jin TONG  |  | Date  |
|           |                | Name   | <del></del>  |   |
|           | No. 18, Tia    | anshui Middle Road, La<br>Address  | nzhou 730000, P.R. CH                              | INA   |
| Data: A   | /OV. 12. 201 } |  | Signatura  | Neinong KANG  |
| Date      | 104-12-20-1    |  | oignatuic  |   |
| Address.  |                | <del></del>  | •  | Meirong KANG  |
| ruur caa. | No. 18, Tiansh | nui Middle Road, La  |  | · Meirong KANG  |
|           |                | nui Middle Road, La  | nzhou 730000, P.R.                                 | · Meirong KANG  |
|           |                | TURE Meirong KAN   | anzhou 730000, P.R.                                | CHINA   |
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| WITNES    | SES TO SIGNAT  | FURE Meirong KAN  X   9   19   7    Signature  Xiaojin FANG  | nzhou 730000, P.R.<br>G<br>ДиG                     | Meirong KANG CHINA  Mov. 12-2013 Date                     |
| WITNES    | SES TO SIGNAT  | FURE Meirong KAN  Y 9 19 F  Signature  Xiaojia FANG  Name  Inshui Middle Road, Lar   | nzhou 730000, P.R.<br>G<br>ДиG                     | Metrong KANG CHINA  Mov. 12-2013 Date                     |
| WITNES    | SES TO SIGNAT  | FURE Meirong KAN  Y 9 19 F  Signature  Xiaojia FANG  Name  Inshui Middle Road, Lar  Address                                | nzhou 730000, P.R.<br>G<br>ДиG                     | Meirong KANG CHINA  Mov. 12-2013 Date                     |
| WITNES    | SES TO SIGNAT  | FURE Meirong KAN  X 9 19 7  Signature  Xiaojia FANG  Name  Inshui Middle Road, Lar  Address  Jin TONG  Signature  Jin TONG | nzhou 730000, P.R.<br>G<br>ДиG                     | Meirong KANG CHINA  Nov. 12-2013 Date                     |
| WITNES    | SES TO SIGNA   | FURE Meirong KAN  X 9 19 F  Signature  Xiaojia FANG  Name  Inshui Middle Road, Lar  Address  Jin TONG  Signature           | nzhou 730000, P.R.  G  ANG  nzhou 730000, P.R. CHI | Metrong KANG CHINA  Mov. 12-2013 Date  Nov. 12. 2013 Date |

Page 3 of 4

| Date:/      | NOV. 12. 2013  | Signature:    | Ronghua   | Jin               |
|-------------|--|---------------|-----------|-------------------|
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| Address: No | . 18, Tianshui Middle Road, Lanzhou                  | 1 /30000, P   | R. CHINA  |                   |
| WITNESSES   | TO SIGNATURE BY Ronghua JIN                          |               |           |                   |
| 1.          | Xiaojia FAH9   |               | Mov.      | 12.2013.<br>Date  |
|             | Signature<br>Xiaojia FANG                            |               | -         | Date              |
|             | Name   |               |           |                   |
|             | No. 18, Tianshui Middle Road, Lanzhou 730<br>Address | 000, P.R. CHI | <u>VA</u> | •                 |
| 2.          | Jin TONG   |               | Mov.      | 12 · 2013<br>Date |
|             | Signature  |               |           | Date              |
|             | Jin TONG Name  |               |           |                   |
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PATENT REEL: 031861 FRAME: 0083