

**Mail Stop:**

Assignment Recordation Services  
Director of the U.S. Patent  
and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RECORDATION FORM COVER SHEET**  
**PATENTS ONLY**

**U.S. DEPARTMENT OF COMMERCE**  
**Patent and Trademark Office**

Attorney Docket No. **143856**

Please record the attached document.

Total number of pages including cover sheet, attachments, and document: 3

1. A. Name of conveying parties:

Youquan DENG  
Xiaoguang GUO  
Feng SHI  
Qinghua ZHANG  
Xiangyuan MA  
Liujin LU  
Jian LI  
Xiong TIAN  
Yubo MA  
Jianpeng SHANG  
Xinjiang CUI  
Liguo WANG  
Hongzhe ZHANG

B. Additional name of conveying party attached?

☐ Yes ☒ No

2. A. Name and address of receiving party:

LANZHOU INSTITUTE OF  
CHEMICAL PHYSICS,  
CHINESE ACADEMY OF  
SCIENCES  
NO. 18, TIANSHUI MIDDLE  
ROAD  
LANZHOU, GANSU PROVINCE  
730000, P.R. CHINA

B. Additional name & address attached?

☐ Yes ☒ No

3. A. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

B. Execution Date: All: December 16, 2009

4. A. Patent Application No. 12/637,550

B. Patent No.

Additional numbers attached? ☐ Yes ☒ No

C. Title of Application: A METHOD FOR PREPARING ISOCYANATES BY LIQUID-PHASE THERMAL CRACKING

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: James A. Oliff

Address: **OLIFF & BERRIDGE, PLC**  
P.O. Box 320850  
Alexandria, VA 22320-4850  
Phone Number: 703-836-6400  
Fax Number: 703-836-2787

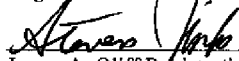
6. Total number of applications and patents involved: 1

7. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of \$40.00.

8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*



James A. Oliff Registration No. 27,075  
Steven D. Jinks Registration No. 62,760

Date: January 21, 2010

**PATENT**

CH \$40.00 150461 12637550

## ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s)	(1) <u>Youquan DENG</u>	(8) <u>Xiong TIAN</u>
	(2) <u>Xiaoguang GUO</u>	(9) <u>Yubo MA</u>
	(3) <u>Feng SHI</u>	(10) <u>Jianpeng SHANG</u>
	(4) <u>Qinghua ZHANG</u>	(11) <u>Xinjiang CUI</u>
	(5) <u>Xiangyuan MA</u>	(12) <u>Liguo WANG</u>
	(6) <u>Liujin LU</u>	(13) <u>Hongzhe ZHANG</u>
	(7) <u>Jian LI</u>	(14) _____

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to

(9) Insert Name of Assignee	(9) <u>LANZHOU INSTITUTE OF CHEMICAL PHYSICS, CHINESE ACADEMY OF SCIENCES</u>
(10) Insert Address of Assignee	(10) <u>No. 18, Tianshui Middle Road, Lanzhou, Gansu Province 730000, P.R. China</u>
(11) Insert Identification such as Title, Case Number, or Foreign Application Number	(11) <u>A METHOD FOR PREPARING ISOCYANATES BY LIQUID-PHASE THERMAL CRACKING</u>
	(Attorney Docket No. <u>143856</u> )

for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or

(12) Insert Date of Signing of Application	(12) on <u>December 16, 2009</u>
(13) Alternative Identification for filed applications	(13) U.S. application Serial Number <u>12/637,550</u>
	filed <u>December 14, 2009</u>

1) Each undersigned agrees to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.

2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.

5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.

6) Each undersigned hereby grants the firm of OLIFF & BERRIDGE, PLC the power to insert on this assignment any further identification 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.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

1 Date <u>16th Dec. 2009</u>	Inventor Signature <u>Y. Deng</u> (SEAL)
2 Date <u>16th Dec. 2009</u>	Inventor Signature <u>X. Guo</u> (SEAL)
3 Date <u>16th Dec. 2009</u>	Inventor Signature <u>F. Shi</u> (SEAL)
4 Date <u>16th Dec. 2009</u>	Inventor Signature <u>Q. Zhang</u> (SEAL)
5 Date <u>16th Dec. 2009</u>	Inventor Signature <u>X. Ma</u> (SEAL)
6 Date <u>16th Dec. 2009</u>	Inventor Signature <u>L. Lu</u> (SEAL)

7	Date	<u>16th Dec 2009</u>	Inventor Signature	<u>J. Li</u>	(SEAL)
8	Date	<u>16th Dec 2009</u>	Inventor Signature	<u>X. Tian</u>	(SEAL)
9	Date	<u>16th Dec 2009</u>	Inventor Signature	<u>Yubo Mei</u>	(SEAL)
10	Date	<u>16th Dec 2009</u>	Inventor Signature	<u>J. Shang</u>	(SEAL)
11	Date	<u>16th Dec 2009</u>	Inventor Signature	<u>X. Gao</u>	(SEAL)
12	Date	<u>16th Dec 2009</u>	Inventor Signature	<u>L. Wang</u>	(SEAL)
13	Date	<u>16th Dec 2009</u>	Inventor Signature	<u>H. Zhang</u>	(SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date	<u>Dec 16, 2009</u>	Witness	<u>Xi Fang</u>	<u>Xiaojia FANG</u>
Date	<u>DEC 16, 2009</u>	Witness	<u>Jiangang Wang</u>	<u>Jiangang WANG</u>