503533043 10/21/2015

PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------|----------------|
| WENWU JIANG | 10/15/2015 |
| HONGFU JIANG | 10/16/2015 |
| FENG WU | 10/14/2015 |
| ZHENWU ZHONG | 10/14/2015 |
| WENLONG CHEN | 10/16/2015 |

RECEIVING PARTY DATA

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|-------------------|--|
| Street Address: | NO.66 YANGSHAN ROAD |
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| City: | XUZHOU, JIANGSU PROVINCE |
| State/Country: | CHINA |
| Postal Code: | 221004 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14785150 |

CORRESPONDENCE DATA

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|-------------------------|------------------|
| NAME OF SUBMITTER: | DANIEL P. LENT |
| SIGNATURE: | /Daniel P. Lent/ |
| DATE SIGNED: | 10/21/2015 |

PATENT 503533043 REEL: 036845 FRAME: 0964

Total Attachments: 2 source=7H96281#page1.tif source=7H96281#page2.tif

> PATENT REEL: 036845 FRAME: 0965

ASSIGNMENT

WHEREAS We, Wenwu JIANG, Hongfu JIANG, Feng WU, Zhenwu ZHONG, and Wenlong CHEN of No.66 Yangshan Road, Economic Development Zone, Xuzhou, Jiangsu Province, 221004 P. R. China (hereinafter referred to as "ASSIGNORS") have invented certain new and useful improvements in:

A fluidized bed reactor and a process using same to produce high purity granular polysilicon

which claims priority to Chinese Application No. 201310131179.X, filed April 16, 2013, and for which I am about to file or have filed an application for Letters Patent of the United States;

AND WHEREAS, JIANGSU ZHONGNENG POLYSILICON TECHNOLOGY DEVELOPMENT CO., LTD. (hereinafter referred to as "ASSIGNEE"), a corporation organized and existing under the laws of the Country of China, having a place of business at No.66 Yangshan Road, Economic Development Zone, Xuzhou, Jiangsu Province, 221004 P. R. China, is desirous of acquiring an interest in the United States and all foreign countries, in and to the said invention and Letters Patent to be obtained therefor;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, the receipt of which is hereby acknowledged, We, the said ASSIGNORS have assigned and transferred, and hereby assign and transfer unto the said ASSIGNEE, the entire right, title and interest in and to said invention, the applications, and any and all patents that may be issued therefrom, in the United States and in all foreign countries, including any and all revivals, refilings, continuations, continuations-in part, divisions, and reissues thereof, to the said ASSIGNEE; and we, the ASSIGNORS, do hereby agree that we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by the said ASSIGNEE, its successors or assigns, and that We will, at the cost and expense of the said ASSIGNEE fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

PATENT | REEL: 036845 FRAME: 0966

The undersigned declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 15/10/2015

Date: 16/10/2015

Date: 14/10/2015

Date: 14/10/2019

Date: 14/12 / 2:15

RECORDED: 10/21/2015

Wen Web i'my L.S. Wenwu JIANG

Hongfu Jiang L

Feng Wr. 1.

Zhenwa ZHONG

Wenlong CHEN

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