502045313 08/31/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| Hui Shen | 05/14/2012 |
| Fang Chen | 05/16/2012 |
| Ricahrd A. Dixon | 05/14/2012 |

RECEIVING PARTY DATA

| Name: | The Samuel Roberts Noble Foundation, Inc. | |
|-----------------|---|--|
| Street Address: | 2510 Sam Noble Parkway | |
| City: | Ardmore | |
| State/Country: | OKLAHOMA | |
| Postal Code: | 73401 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 13462583 | |

CORRESPONDENCE DATA

Fax Number: 2142590910

Email: chris.mccoy@snrdenton.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Correspondent Name: Robert E. Hanson
Address Line 1: 7800 Sears Tower
Address Line 4: Chicago, ILLINOIS 60606

ATTORNEY DOCKET NUMBER: 11000025-0287/NBLE079US

NAME OF SUBMITTER: Robert E. Hanson

Total Attachments: 3

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> PATENT REEL: 028883 FRAME: 0189

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ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to THE SAMUEL ROBERTS NOBLE FOUNDATION (the "Assignee"), having a place of business at 2510 Sam Noble Parkway, Ardmore, OK 73401, their entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the provisional application for United States Letters Patent, Serial No. 13/462,583 which has been filed on May 2, 2012 and entitled "COMPOSITIONS AND **METHODS** FOR IMPROVED PLANT FEEDSTOCK", which claims priority to Serial No. 61/483,460 filed on May 6, 2011, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

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| TO BE BINDING on the heirs, assigns, representa | _ |
|--|--|
| and extend to the successors, assigns and nominees of the | Assignee. |
| Signature: Name: Hui Shen | Date: 5/14/12 |
| STATE OF OK Choma COUNTY OF Carter | |
| BEFORE ME, the undersigned authority, on the personally appeared Hui Shen, known to me to be the personal foregoing instrument and acknowledged to me that he/she will for the purposes and consideration therein expressed. | erson whose name is subscribed to the executed the same of his/her own free |
| SHIRLEY JONES Notary Public, State of Oklahoma [SEAL] Commission # 10009355 My Commission Expires November 08, 2014 | miles Jones Insular Officer |
| My Commission Expires: 11/08/2014 | |
| Signature: Janyellan Name: Fang Chen | Date: 5/16/12 |
| COUNTY OF Castes | |
| BEFORE ME, the undersigned authority, on the personally appeared Fang Chen, known to me to be the personal instrument and acknowledged to me that he/she will for the purposes and consideration therein expressed. | person whose name is subscribed to the executed the same of his/her own free |
| | onsular Officer |
| My Commission Expires: 11/08/= | 2014 |

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PATENT REEL: 028883 FRAME: 0191

| Signature: | Date: 5/14/2012 |
|---|---|
| Name: Richard A. Dixon | |
| STATE OF OK ghome COUNTY OF Caster | |
| personally appeared Richard A. Dixon, known | to me to be the person whose name is subscribed to me that he/she executed the same of his/her n therein expressed. |
| [SEAL] Commission # 10009355 My Commission Expires November 08, 2014 | otary or Consular Officer |
| My Commission Expires: | |
| My Commission Expires: Nov. 11, 2014 | |

SNR DENTON US LLP 2000 McKinney Avenue, Suite 1900 Dallas, Texas 75201

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