

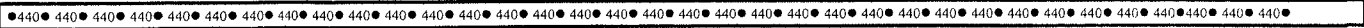
PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2729375

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|--|-----------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| THE DOW CHEMICAL COMPANY | 07/25/2011 |
| RECEIVING PARTY DATA | |
| Name: | DOW GLOBAL TECHNOLOGIES LLC |
| Street Address: | 2040 DOW CENTER |
| City: | MIDLAND |
| State/Country: | MICHIGAN |
| Postal Code: | 48674 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 13058213 |
| CORRESPONDENCE DATA | |
| Fax Number: | (414)223-5000 |
| Phone: | 4149785559 |
| Email: | jpolmatier@whdlaw.com |
| <i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i> | |
| Correspondent Name: | JERE L POLMATIER |
| Address Line 1: | WHYTE HIRSCHBOECK DUDEK SC |
| Address Line 2: | 555 EAST WELLS STREET, SUITE 1900 |
| Address Line 4: | MILWAUKEE, WISCONSIN 53202 |
| ATTORNEY DOCKET NUMBER: | DOW-35318-US |
| NAME OF SUBMITTER: | JERE L. POLMATIER |
| Signature: | /jlp/ |
| Date: | 02/17/2014 |
| Total Attachments: 3 source=DOW35318e#page1.tif source=DOW35318e#page2.tif source=DOW35318e#page3.tif | |

This Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 number.



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FORM 440

ASSIGNMENT (with Priority Rights) and INVENTORSHIP DECLARATION

We, ASSIGNOR, of: **THE DOW CHEMICAL COMPANY**
2030 Dow Center
Midland, Michigan 48674
United States of America

a corporation organized and existing under the laws of the State of Delaware, United States of America do hereby claim and declare that we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof from the sole, true and first inventor(s):

Yongyong Yang, Room 502 No. 25, Lane 282 Yang Xin Road, Pudong, Shanghai 201613, People's Republic of China, Citizen of People's Republic of China; Ang Zhao, 42-302, #28, Dingwei Road, Changning, Shanghai 200335, People's Republic of China, Citizen of United States of America; Shinichi Suzuki, 3-8-9-302 Inage Inageku, Chiba City, 263-0034, Japan, Citizen of Japan; and Xiaohai Gong, Gate No. 3-4-2, No. 55-2, Yanfen Street, Tiexi District, Shenyang, People's Republic of China, Citizen of People's Republic of China

by an Assignment dated: March 24, 2011; March 25, 2011; April 1, 2011; with an effective date as of August 14, 2008 of an invention relating to and entitled:

FRAGMENTATION OF AGGLOMERATED FINE SOLIDS

We do hereby declare, for good and valuable consideration, received, sell, assign, and transfer unto:

WE, the ASSIGNEE: **DOW GLOBAL TECHNOLOGIES LLC**
2040 Dow Center
Midland, Michigan 48674
United States of America

A limited liability company organized and existing under the laws of the State of Delaware, United States of America our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make application for Letters Patent in its own name, or in the name of its nominee; and all rights and powers to file any reissue, divisional, continuing or substitute application and any corresponding applications in any and all countries, including all rights to claim priority under all International Conventions and Treaties in the name of said Assignee, and do hereby authorize said Assignee to insert here the Priority Number, Filing Date, and Filing Country

| Priority Number | Filing Date | Filing Country |
|-------------------|-----------------|----------------|
| PCT/CN2008/071993 | August 14, 2008 | International |

of the application on which the priority will be based; and in and to any Letters Patent that may be issued for said invention in any and all countries; and we do hereby agree to assist said Assignee in the prosecution of the said applications and in any interference, conflict, opposition or litigation which may arise involving said invention or the patent or patents thereon, and to execute any reissue, divisional, continuing or substitute application and assent to their making any applications in other countries corresponding to the above and below specifically identified application, as may be requested by said Assignee; and we do hereby authorize said Assignee to insert here the corresponding Application Number, Filing Date, and Filing Country

| Application Number | Filing Date | Filing Country |
|--------------------|-------------|----------------|
| | | |

of the corresponding application in any country where that patent property must be entered for recordal of this Assignment; and we do hereby authorize and request that any such Letters Patent be issued to said Assignee in accordance herewith, and consent to the recordal of this Assignment being under covenant, not only that we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.

Subscribed and Sworn by us at Midland, Michigan 48674, USA

this 25 day of July, 20 11

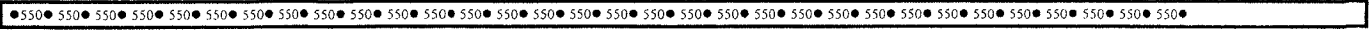
CORP.
SEAL

THE DOW CHEMICAL COMPANY

By: D.P.F.
DARRYL P. FRICKEY
Assistant General Counsel – IP Law

Attach Notarial Certificate (Corporation)

This Notarial Certificate 550 is in the ENGLISH language and has the same meaning in other languages with the same 550 number.



This Notarial Certificate 550 is in the ENGLISH language and has the same meaning in other languages with the same 550 number.
FORM 550

NOTARIAL CERTIFICATE (Corporation)

UNITED STATES OF AMERICA)
STATE OF MICHIGAN) SS
County/Parish of Midland)

On this 25 day of July, 2011, personally appeared before me, **DARRYL P. FRICKEY, Assistant General Counsel – IP Law**, known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed by authority of the said **Corporation incorporated** under the laws of **the State of Delaware, United States of America**.

I further certify that said authority, dated **April 6, 2011**, is based on
a Certified Resolution

which I have seen, appointing the said individual Authorized Representative with full power to sign the foregoing document on behalf of the said **corporation** and that the purposes for which said document is granted are within the scope of the objects or activities of said **corporation**.

SEAL

Kathy Sue Wertz
NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN
MY COMMISSION EXPIRES APRIL 07, 2012

This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number.



This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number.

FORM 660

ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE: **DOW GLOBAL TECHNOLOGIES LLC**
2040 Dow Center
Midland, Michigan 48674
United States of America

hereby accept the ASSIGNMENT attached hereto which is dated: July 25, 2011 ;
with an effective date as of August 14, 2008

From, the ASSIGNOR:
THE DOW CHEMICAL COMPANY
2030 Dow Center
Midland, Michigan 48674
United States of America

of the invention entitled:

FRAGMENTATION OF AGGLOMERATED FINE SOLIDS

without any restrictions and with all rights and obligations deriving therefrom and declare that this confirmation of acceptance shall be deemed a part of the said ASSIGNMENT.

Signed at Midland, Michigan 48674, USA

this 28 day of July, 20 11

CORP.
SEAL

DOW GLOBAL TECHNOLOGIES LLC

By: [Signature]
JOHN B. TREANGEN
Authorized Representative

NOTARIAL CERTIFICATE (Corporation)

UNITED STATES OF AMERICA)
STATE OF MICHIGAN) SS
County/Parish of Midland)

On this 28 day of July, 20 11, personally appeared before me, **JOHN B. TREANGEN, Authorized Representative**, known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed by authority of the said **limited liability company** incorporated under the laws of the **State of Delaware, United States of America**.

I further certify that said authority, dated **January 6, 2011**, is based on

A delegation of signature authority of said Limited Liability Company

which I have seen, appointing the said individual Authorized Representative with full power to sign the foregoing document on behalf of the said **limited liability company** and that the purposes for which said document is granted are within the scope of the objects or activities of said **limited liability company**.

SEAL

[Signature]

[Signature]

Kathy Sue Wertz
NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN
MY COMMISSION EXPIRES APRIL 07, 2012