

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | |
|--|--------------------------------|---------------|----------------|---------------------|------------|-----------------|------------|---------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Xingtao Gao</td> <td>05/21/2013</td> </tr> <tr> <td>David Stockwell</td> <td>05/21/2013</td> </tr> <tr> <td>Gary M. Smith</td> <td>05/21/2013</td> </tr> </tbody> </table> | | Name | Execution Date | Xingtao Gao | 05/21/2013 | David Stockwell | 05/21/2013 | Gary M. Smith | 05/21/2013 |
| Name | Execution Date | | | | | | | | |
| Xingtao Gao | 05/21/2013 | | | | | | | | |
| David Stockwell | 05/21/2013 | | | | | | | | |
| Gary M. Smith | 05/21/2013 | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | |
| Name: | BASF Corporation | | | | | | | | |
| Street Address: | 100 Park Avenue | | | | | | | | |
| City: | Florham Park | | | | | | | | |
| State/Country: | NEW JERSEY | | | | | | | | |
| Postal Code: | 07932 | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13899816</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13899816 | | | | |
| Property Type | Number | | | | | | | | |
| Application Number: | 13899816 | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | |
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| ATTORNEY DOCKET NUMBER: | 74943 | | | | | | | | |
| NAME OF SUBMITTER: | Stuart D. Frenkel, 29500 | | | | | | | | |
| Signature: | /Stuart D. Frenkel, 29500/ | | | | | | | | |
| Date: | 05/22/2013 | | | | | | | | |
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CH \$40.00 13899816

Assignment of Rights, Title and Interest in Invention
 (Multiple inventors; single assignee)

Docket Number
 74943

Assignee Information

| | | | |
|------------------|------------------|-------------|------------|
| Name | BASF Corporation | | |
| Address (line 1) | 100 Park Avenue | | |
| Address (line 2) | | | |
| City | Florham Park | State | New Jersey |
| Country | US | Postal Code | 07932 |

Title of Invention:

IN-SITU PRODUCED Y-FAUJASITE FROM KAOLIN-DERIVED, PRE-SHAPED PARTICLES AND THE METHOD OF PREPARATION AND THE USE THEREOF

This is an Assignment of the following rights, title and interest: (check all that apply):

- United States of America rights, title and interest in the invention
- Foreign rights, title and interest in the invention
- United States Patent Application Serial No. _____
 Date of Execution: _____ Date of Filing: _____
- United States Provisional Patent Application Serial No. _____
- United States Patent No(s). _____
- International (PCT) Patent Application Serial No. _____
- Other (specify) _____

Inventors (assignors)

| Name | Address |
|-----------------|--|
| Xingtao Gao | 3 Chestnut Ridge Rd., Holmdel, NJ 07733 US |
| David Stockwell | 100 Nelson Place, Westfield, NJ 07090 US |
| Gary M. Smith | 4 Meadow Lane, Verona, NJ 07044 US |
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Assignment of Rights, Title and Interest in Invention
 (Multiple inventors; single assignee)

Docket Number

74943

Whereas, we, the above-identified Inventors, have invented certain new and useful Improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application (s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

Name

Signature/Date

Xingtao Gao

Xingtao Gao 5/21/2013

David Stockwell

David Stockwell 5/21/2013

Gary M. Smith

Gary M. Smith 5/21/2013