

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3000881

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| DAVID DINO | 08/05/2014 |
| WOUTER IJDO | 08/07/2014 |
| JEFFREY THOMPSON | 08/06/2014 |
| KAMAL SAID KAMAL ELSAYED | 08/05/2014 |
| RECEIVING PARTY DATA | |
| Name: | ELEMENTIS SPECIALTIES, INC. |
| Street Address: | 469 OLD TRENTON ROAD |
| City: | EAST WINDSOR |
| State/Country: | NEW JERSEY |
| Postal Code: | 08512 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 14329289 |
| CORRESPONDENCE DATA | |
| Fax Number: | (215)963-5001 |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> | |
| Phone: | 2159634792 |
| Email: | spathak@morganlewis.com |
| Correspondent Name: | MORGAN, LEWIS & BOCKIUS LLP |
| Address Line 1: | SHANTANU C. PATHAK |
| Address Line 2: | 1701 MARKET STREET |
| Address Line 4: | PHILADELPHIA, PENNSYLVANIA 19103 |
| ATTORNEY DOCKET NUMBER: | 051344-02-5307-US |
| NAME OF SUBMITTER: | SHANTANU C. PATHAK |
| SIGNATURE: | /ShantanuCPathak/ |
| DATE SIGNED: | 08/28/2014 |
| Total Attachments: 6 | |
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PATENT

REEL: 033628 FRAME: 0856

ASSIGNMENT

WHEREAS, WE, David DINO, a citizen of the United States, with a post office address of **23 Pinehurst Drive, Cranbury, NJ 08512**; **Wouter IJDO**, with a post office address of **1224 Bridle Estates Drive, Yardley, PA 19067**; **Jeffrey THOMPSON**; with a post office address of **172 Airport Road, Hightstown, NJ 08520**; and **Kamal Said Kamal ELSAYED**, with a post office address of **3524 Ravens Crest Drive, Plainsboro, NJ 08536**; hereinafter generally referred to as “ASSIGNORS”, has invented certain new and useful invention entitled:

“ORGANOCLAY COMPOSITIONS FOR DRILLING FLUIDS USEFUL TO PROVIDE SUBSTANTIALLY CONSTANT RHEOLOGY PROFILES TO SUCH FLUIDS OVER A WIDE TEMPERATURE RANGE”

that is described in U.S. Patent Application No. **14/329,289** filed **July 11, 2014**; (“Invention”) naming the above ASSIGNORS as inventors.

WHEREAS, ELEMENTIS SPECIALTIES, INC., a corporation having a place of business **469 Old Trenton Road, East Windsor, NJ 08512**; hereinafter generally referred to as “ASSIGNEE,” is desirous of acquiring and/or confirming the acquisition of said Inventions.

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged and intending to be legally bound hereby, We, the undersigned ASSIGNORS, have assigned and/or by these presents do sell, assign, transfer and convey unto the above-named ASSIGNEE, the whole and entire right, title and interest:

in and to said Inventions as described in the above patent application, for the territory of the United States and its possessions and territories and all foreign countries;

in and to the above patent application and any and all United States and foreign patent applications disclosing said Inventions including, without limitation, applications for patents including provisionals, non-provisionals, divisions, continuations, continuations-in-part, requests for continued examinations, utility models, PCT applications and designs and any other related United States and foreign applications and equivalents thereof (“Applications”), along with the right to claim priority to said Applications under any treaty relating thereto;

in and to all United States and foreign patents, utility models, inventor’s certificates and designs and all equivalents thereof which may be granted for said Inventions or Applications, including extensions, renewals, reissues and reexamination certificates thereof (“Patents”); and

in and to all rights to sue for and collect damages resulting from past, present and future infringement of all granted or to be granted Patents;

said Inventions, Applications and Patents to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and benefit, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms for which said granted or to be granted Patents, as fully and entirely as the same would have been held by the undersigned ASSIGNORS had this assignment and sale not been made; and for the aforesaid consideration ASSIGNORS hereby covenant, agree and undertake to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the Applications and Patents hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNORS.

It is agreed that ASSIGNORS shall be legally bound, upon request and at the expense of ASSIGNEE or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the undersigned has knowledge or possession, relating to the making and practicing of the Inventions, and to testify in any legal proceeding relating thereto.

ASSIGNORS hereby represent and warrant that they have full right, power and authority to assign ASSIGNOR'S entire right, title, and interest in said Patents and Applications, and Inventions disclosed therein, and to consummate the assignment contemplated herein. ASSIGNORS also represent and warrant that they have full right, power, and authority to enter into, execute, and deliver this Assignment, the execution and delivery of which have been duly authorized by all necessary action on the part of ASSIGNORS, and no other authorization or proceedings on the part of ASSIGNORS are necessary to authorize this Assignment. This Assignment has been duly executed and delivered and constitutes a valid, binding and enforceable assignment of the entire right, title, and interest in the Patents and Applications, and Inventions disclosed therein.

ASSIGNORS hereby warrant that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this Assignment.

(SIGNATURE PAGE FOLLOWS)

8/5/14
(Date)

David DINO
David DINO

STATE OF New Jersey :
: ss.
COUNTY OF Mercer :

Before me, a notary public in and for the State and County aforesaid, on this 5th day of AUGUST, 2014, personally appeared **David DINO**, who being to me personally known, and who having first executed the foregoing Assignment in connection with the invention(s) entitled **ORGANOCLAY COMPOSITIONS FOR DRILLING FLUIDS USEFUL TO PROVIDE SUBSTANTIALLY CONSTANT RHEOLOGY PROFILES TO SUCH FLUIDS OVER A WIDE TEMPERATURE RANGE** in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

Notary Public

My Commission Expires:

Eliza Grenzsbach
ELIZA GRENZEBACH
ID # 2348705
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires 7/13/2016

X August 7, '14 X Wouter IJDO
(Date)

STATE OF New Jersey :
: ss.
COUNTY OF Mercer :

Before me, a notary public in and for the State and County aforesaid, on this 7th day of August, 2014, personally appeared **Wouter IJDO**, who being to me personally known, and who having first executed the foregoing Assignment in connection with the invention(s) entitled **ORGANOCLAY COMPOSITIONS FOR DRILLING FLUIDS USEFUL TO PROVIDE SUBSTANTIALLY CONSTANT RHEOLOGY PROFILES TO SUCH FLUIDS OVER A WIDE TEMPERATURE RANGE** in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

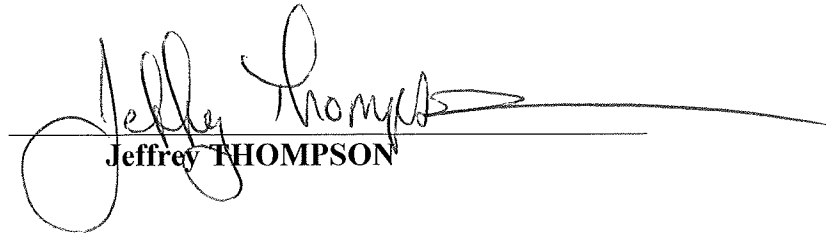
Notary Public

Eliza Grenzbach

My Commission Expires:


ELIZA GRENZEBACH
ID # 2348705
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires 7/13/2016

Aug 6, 2014
(Date)


Jeffrey THOMPSON


STATE OF New Jersey :
: ss.
COUNTY OF Mercer :

Before me, a notary public in and for the State and County aforesaid, on this 6th day of August, 2014, personally appeared **Jeffrey THOMPSON**, who being to me personally known, and who having first executed the foregoing Assignment in connection with the invention(s) entitled **ORGANOCLAY COMPOSITIONS FOR DRILLING FLUIDS USEFUL TO PROVIDE SUBSTANTIALLY CONSTANT RHEOLOGY PROFILES TO SUCH FLUIDS OVER A WIDE TEMPERATURE RANGE** in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

Notary Public 
My Commission Expires:

ELIZA GRENZEBACH
ID # 2346705
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires 7/13/2016

8/5/14
(Date)


Kamal Said Kamal ELSAYED

STATE OF New Jersey :
: ss.
COUNTY OF Mercer :

Before me, a notary public in and for the State and County aforesaid, on this 5th day of August, 2014, personally appeared **Kamal Said Kamal ELSAYED**, who being to me personally known, and who having first executed the foregoing Assignment in connection with the invention(s) entitled **ORGANOCLAY COMPOSITIONS FOR DRILLING FLUIDS USEFUL TO PROVIDE SUBSTANTIALLY CONSTANT RHEOLOGY PROFILES TO SUCH FLUIDS OVER A WIDE TEMPERATURE RANGE** in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

Notary Public



My Commission Expires

ELIZA GRENZEBACH
ID # 2346705
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires 7/13/2016