

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Russell J. Smith	10/09/2007
John R. Loscutova	10/17/2007
Christopher E. Coker	10/17/2007
Andrew R. Barron	10/18/2007
Robert D. Skala	10/17/2007
Elizabeth A. Whitsitt	02/06/2008
Mark Wiesner	02/13/2008
Stephen A. Costantino	02/07/2008
Rajendra Bordia	02/21/2008

**RECEIVING PARTY DATA**

Name:	Oxane Materials, Inc.
Street Address:	467 West 38th Street
Internal Address:	Pine Forest Office Building #21
City:	Houston
State/Country:	TEXAS
Postal Code:	77018

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	11769247

**CORRESPONDENCE DATA**

Fax Number: (540)428-1720  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Phone: 5404281701  
 Email: lkilyk@kbpatentlaw.com  
 Correspondent Name: Luke A. Kilyk  
 Address Line 1: 400 Holiday Court, Suite 102

**CH \$40.00 11769247**

Address Line 2: Kilyk & Bowersox, P.L.L.C.  
Address Line 4: Warrenton, VIRGINIA 20186

ATTORNEY DOCKET NUMBER: 3150-001-04

NAME OF SUBMITTER: Luke A. Kilyk

**Total Attachments: 27**

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**ASSIGNMENT**

(Worldwide Rights)

WHEREAS We, the below named inventors. [hereinafter referred to as Assignors], have made an invention entitled:

A COMPOSITION AND METHOD FOR MAKING A PROPPANT

for which We filed an application for United States Letters patent on June 27, 2007, as Serial No. 11/769,247 and

WHEREAS, Oxane Materials, Inc. (Full Name of Assignee), a corporation of Texas, (State or Country of Incorporation) whose post office address is 467 West 38<sup>th</sup> Street, Pine Forest Office Building #21, Houston, Texas 77018 (hereby referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from assignee is hereby acknowledged, We, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, We have hereunto set our hands.

County of Benton)

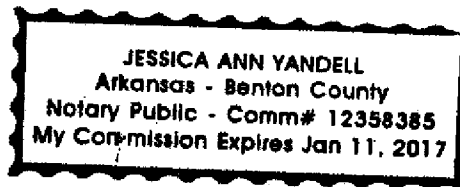
State of Arkansas)

ss.

Subscribed and sworn to before me this 9<sup>th</sup> day

of October, 2007.

Jessica Ann Yandell Notary Public  
SEAL



FULL NAME OF FIRST INVENTOR: Russell J. SMITH	
Address: 6722 Silver Shade Houston, Texas, 77064	
Signature:	<i>Russell J. Smith</i>
Date:	10/09/07
FULL NAME OF SECOND INVENTOR: John R. LOSCUTOVA	
Address: 1707 Vassar Houston, Texas 77098	
Signature:	
Date:	
FULL NAME OF THIRD INVENTOR: Christopher E. COKER	
Address: 720 West 25 <sup>th</sup> Street Houston, Texas 77008	
Signature:	
Date:	
FULL NAME OF FOURTH INVENTOR: Andrew R. BARRON	
Address: 241 Asbury Houston, Texas 77007	
Signature:	
Date:	
FULL NAME OF FIFTH INVENTOR: Robert D. SKALA	
Address: 26110 Moss Arbor Court Katy, Texas 77494	
Signature:	
Date:	

**JESSICA ANN YANDELL**  
 Arkansas - Benton County  
 Notary Public - Comm# 12358385  
 My Commission Expires Jan 11, 2017

FULL NAME OF SIXTH INVENTOR: Elizabeth A. WHITSITT

Address: 806 Lamonte Lane  
Houston, Texas 77018

Signature:

Date:

FULL NAME OF SEVENTH INVENTOR: Mark WIESNER

Address: 219 N. East Street  
Raleigh, North Carolina 27601

Signature:

Date:

FULL NAME OF EIGHTH INVENTOR: Stephen A. COSTANTINO

Address: 2235 McKnights Gap Road  
Reading, Pennsylvania 19604

Signature:

Date:

FULL NAME OF NINTH INVENTOR: Rajendra BORDIA

Address: 7018 37<sup>th</sup> Avenue, N.E.  
Seattle, Washington 98115

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County of Harris )

State of Texas )

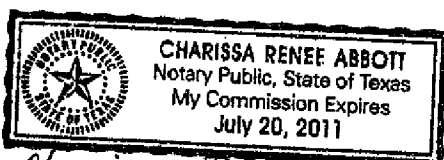
ss.

Subscribed and sworn to before me this 17<sup>th</sup> day

of October, 2007.

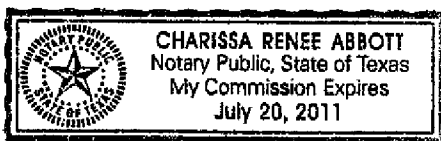
Charissa Renee Abbott Notary Public

SEAL



Charissa Renee Abbott  
October 17, 2007

FULL NAME OF FIRST INVENTOR: Russell J. SMITH
Address: 6722 Silver Shade Houston, Texas 77064
Signature:
Date:
FULL NAME OF SECOND INVENTOR: John R. LOSCUTOVA
Address: <del>1707 Vassar</del> 5400 Memorial Dr. #607 Houston, Texas <del>77098</del> 77007
Signature: <i>John R. Loscutova</i>
Date: 10/17/07
FULL NAME OF THIRD INVENTOR: Christopher E. COKER
Address: 720 West 25 <sup>th</sup> Street Houston, Texas 77008
Signature:
Date:
FULL NAME OF FOURTH INVENTOR: Andrew R. BARRON
Address: 241 Asbury Houston, Texas 77007
Signature:
Date:
FULL NAME OF FIFTH INVENTOR: Robert D. SKALA
Address: 26110 Moss Arbor Court Katy, Texas 77494
Signature:
Date:



FULL NAME OF SIXTH INVENTOR: Elizabeth A. WHITSITT

Address: 806 Lamonte Lane  
Houston, Texas 77018

Signature:

Date:

FULL NAME OF SEVENTH INVENTOR: Mark WIESNER

Address: 219 N. East Street  
Raleigh, North Carolina 27601

Signature:

Date:

FULL NAME OF EIGHTH INVENTOR: Stephen A. COSTANTINO

Address: 2235 McKnights Gap Road  
Reading, Pennsylvania 19604

Signature:

Date:

FULL NAME OF NINTH INVENTOR: Rajendra BORDIA

Address: 7018 37<sup>th</sup> Avenue, N.E.  
Seattle, Washington 98115

Signature:

Date:



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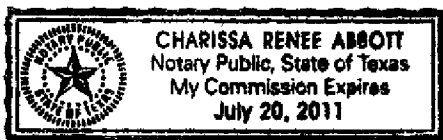
County of Harris )  
State of Texas )

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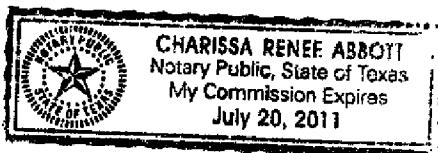
Charissa Renee Abbott Notary Public

SEAL



Charissa Renee Abbott  
October 17<sup>th</sup>, 2007

FULL NAME OF FIRST INVENTOR: Russell J. SMITH
Address: 6722 Silver Shade Houston, Texas 77064
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Date:
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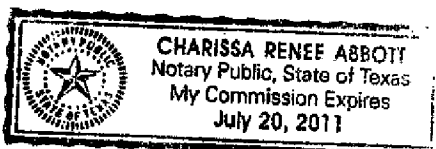
County of Harris )  
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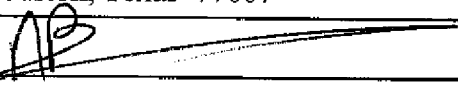
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of October, 2007.

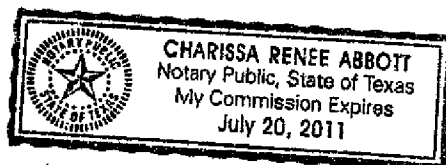
Charissa Renee Abbott Notary Public

SEAL



Charissa Renee Abbott  
October 18<sup>th</sup>, 2007

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Address: 6722 Silver Shade Houston, Texas 77064
Signature:
Date:
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Date:
FULL NAME OF FOURTH INVENTOR: Andrew R. BARRON
Address: 241 Asbury Houston, Texas 77007
Signature: 
Date: 18 Oct 07.
FULL NAME OF FIFTH INVENTOR: Robert D. SKALA
Address: 26110 Moss Arbor Court Katy, Texas 77494
Signature:
Date:



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Address: 806 Lamonte Lane Houston, Texas 77018
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Address: 219 N. East Street Raleigh, North Carolina 27601
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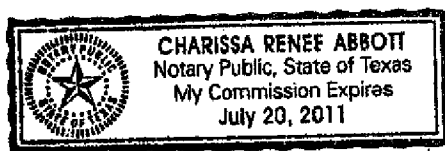
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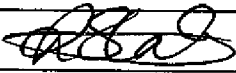
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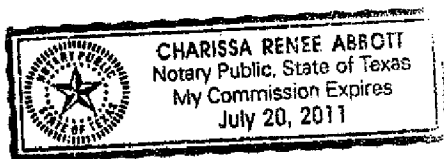
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Date:
FULL NAME OF FIFTH INVENTOR: Robert D. SKALA
Address: 26110 Moss Arbor Court Katy, Texas 77494
Signature: 
Date: 17 <sup>th</sup> OCTOBER 2007





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AND, WE HEREBY further covenant and agree that WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, We have hereunto set our hands.

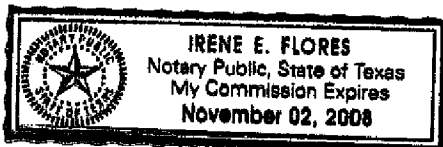
County of HARRIS )  
State of TEXAS )

ss.

Subscribed and sworn to before me this 6<sup>th</sup> day  
of FEBRUARY, 2008.

Irene E. Flores Notary Public

SEAL



FULL NAME OF FIRST INVENTOR: Russell J. SMITH

Address: 6722 Silver Shade  
Houston, Texas 77064

Signature:

Date:

FULL NAME OF SECOND INVENTOR: John R. LOSCUTOVA

Address: 1707 Vassar  
Houston, Texas 77098

Signature:

Date:

FULL NAME OF THIRD INVENTOR: Christopher E. COKER

Address: 720 West 25<sup>th</sup> Street  
Houston, Texas 77008

Signature:

Date:

FULL NAME OF FOURTH INVENTOR: Andrew R. BARRON

Address: 241 Asbury  
Houston, Texas 77007

Signature:

Date:

FULL NAME OF FIFTH INVENTOR: Robert D. SKALA

Address: 26110 Moss Arbor Court  
Katy, Texas 77494

Signature:

Date:

FULL NAME OF SIXTH INVENTOR: Elizabeth A. WHITSITT

Address: 806 Lamonte Lane  
Houston, Texas 77018

Signature:

*Elizabeth A. Whitsitt*

Date:

*Feb. 6, 2008*

FULL NAME OF SEVENTH INVENTOR: Mark WIESNER

Address: 219 N. East Street  
Raleigh, North Carolina 27601

Signature:

Date:

FULL NAME OF EIGHTH INVENTOR: Stephen A. COSTANTINO

Address: 2235 McKnights Gap Road  
Reading, Pennsylvania 19604

Signature:

Date:

FULL NAME OF NINTH INVENTOR: Rajendra BORDIA

Address: 7018 37<sup>th</sup> Avenue, N.E.  
Seattle, Washington 98115

Signature:

Date:

**ASSIGNMENT**

(Worldwide Rights)

WHEREAS We, the below named inventors. [hereinafter referred to as Assignors], have made an invention entitled:

A COMPOSITION AND METHOD FOR MAKING A PROPPANT

for which We filed an application for United States Letters patent on June 27, 2007, as Serial No. 11/769,247 and

WHEREAS, Oxane Materials, Inc. (Full Name of Assignee), a corporation of Texas, (State or Country of Incorporation) whose post office address is 467 West 38<sup>th</sup> Street, Pine Forest Office Building #21, Houston, Texas 77018 (hereby referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from assignee is hereby acknowledged, We, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

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IN TESTIMONY WHEREOF, We have hereunto set our hands.

County of Durham )  
State of North Carolina )

ss.

Subscribed and sworn to before me this 13<sup>th</sup> day  
of February, 2008.

[Signature] Notary Public

SEAL

FULL NAME OF FIRST INVENTOR: Russell J. SMITH

Address: 6722 Silver Shade  
Houston, Texas 77064

Signature:

Date:

FULL NAME OF SECOND INVENTOR: John R. LOSCUTOVA

Address: 1707 Vassar  
Houston, Texas 77098

Signature:

Date:

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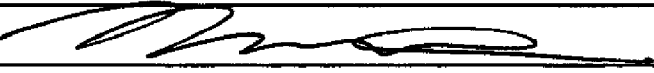
Date:

FULL NAME OF FIFTH INVENTOR: Robert D. SKALA

Address: 26110 Moss Arbor Court  
Katy, Texas 77494

Signature:

Date:

FULL NAME OF SIXTH INVENTOR: Elizabeth A. WHITSITT
Address: 806 Lamonte Lane Houston, Texas 77018
Signature:
Date:
FULL NAME OF SEVENTH INVENTOR: Mark WIESNER
Address: 219 N. East Street Raleigh, North Carolina 27601
Signature: 
Date: 13 Feb. 2008
FULL NAME OF EIGHTH INVENTOR: Stephen A. COSTANTINO
Address: 2235 McKnights Gap Road Reading, Pennsylvania 19604
Signature:
Date:
FULL NAME OF NINTH INVENTOR: Rajendra BORDIA
Address: 7018 37 <sup>th</sup> Avenue, N.E. Seattle, Washington 98115
Signature:
Date:

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IN TESTIMONY WHEREOF, We have hereunto set our hands.

County of Berks )

State of Pennsylvania )

ss.

Subscribed and sworn to before me this 7 day  
of February, 2008.

Stephen A. Parzanese Notary Public

COMMONWEALTH OF PENNSYLVANIA

SEAL

Notarial Seal  
Stephen A. Parzanese, Notary Public  
Sinking Spring Boro, Berks County  
My Commission Expires June 18, 2010

Member, Pennsylvania Association of Notaries



FULL NAME OF FIRST INVENTOR: Russell J. SMITH

Address: 6722 Silver Shade  
Houston, Texas 77064

Signature:

Date:

FULL NAME OF SECOND INVENTOR: John R. LOSCUTOVA

Address: 1707 Vassar  
Houston, Texas 77098

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FULL NAME OF EIGHTH INVENTOR: Stephen A. COSTANTINO

Address: 2235 McKnights Gap Road  
Reading, Pennsylvania 19604

Signature: 

Date: *2/7/08*

FULL NAME OF NINTH INVENTOR: Rajendra BORDIA

Address: 7018 37<sup>th</sup> Avenue, N.E.  
Seattle, Washington 98115

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Date:

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IN TESTIMONY WHEREOF, We have hereunto set our hands.

County of \_\_\_\_\_ )  
State of \_\_\_\_\_ )

ss. REPUBLIC OF INDIA )  
CITY OF NEW DELHI )  
EMBASSY OF THE UNITED STATES OF AMERICA )

Subscribed and sworn to before me this 21<sup>st</sup> day

of FEBRUARY, 2008.

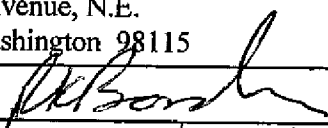
Nilu A. Dorschner Notary Public

SEAL

**Nilu A. Dorschner**  
Consular Associate  
U.S. Embassy  
New Delhi, India  
COMMISSION EXPIRES: INDEFINITE

<b>INDIVIDUAL ACKNOWLEDGMENT CERTIFICATE</b>	
REPUBLIC OF INDIA ) CITY OF NEW DELHI ) EMBASSY OF THE UNITED STATES OF AMERICA ) ss:	
I certify that on this day the individual named below appeared before me and acknowledged to me that this instrument was executed freely and voluntarily.	
PATENDEA KUMAR GOEDRA Typed Name of Individual	
<u>Nilu A. Dorschner</u> Consular Associate of the United States of America	
21 FEB 2008 (Date)	
<b>PATENT</b>	

FULL NAME OF FIRST INVENTOR: Russell J. SMITH
Address: 6722 Silver Shade Houston, Texas 77064
Signature:
Date:
FULL NAME OF SECOND INVENTOR: John R. LOSCUTOVA
Address: 1707 Vassar Houston, Texas 77098
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Signature: 
Date: 21 <sup>st</sup> February, 2008.