

PATENT ASSIGNMENT

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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>Zhihua Guo</td> <td>11/15/2012</td> </tr> <tr> <td>Uranchimeg Lester</td> <td>11/15/2012</td> </tr> <tr> <td>Jawed Asrar</td> <td>11/19/2012</td> </tr> <tr> <td>Kiarash Alavi Shooshtari</td> <td>11/19/2012</td> </tr> <tr> <td>Mingfu Zhang</td> <td>11/29/2012</td> </tr> </tbody> </table>	Name	Execution Date	Zhihua Guo	11/15/2012	Uranchimeg Lester	11/15/2012	Jawed Asrar	11/19/2012	Kiarash Alavi Shooshtari	11/19/2012	Mingfu Zhang	11/29/2012	
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RECEIVING PARTY DATA													
Name:	JOHNS MANVILLE												
Street Address:	717 Seventeenth Street												
City:	Denver												
State/Country:	COLORADO												
Postal Code:	80202												
PROPERTY NUMBERS Total: 1													
Property Type	Number												
Application Number:	13675414												
CORRESPONDENCE DATA													
Fax Number:	3039782323												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	303-978-5200												
Email:	lavoie@jm.com												
Correspondent Name:	JOHNS MANVILLE												
Address Line 1:	10100 WEST UTE AVENUE												
Address Line 2:	PO BOX 625005												
Address Line 4:	LITTLETON, COLORADO 80162-5005												
ATTORNEY DOCKET NUMBER:	8177												
NAME OF SUBMITTER:	Denis Lavoie												
Total Attachments: 2 source=8177Assignment#page1.tif source=8177Assignment#page2.tif													

CH \$40.00 13675414

ASSIGNMENT

WHEREAS we, Zhihua Guo, 7265 South Xenia Circle #F, Centennial, Colorado 80112; Uranchimeg Lester, 5560 South Kline Street, Littleton, Colorado 80127; Jawed Asrar, 9483 East Arbor Drive, Englewood, Colorado 80111; Kiarash Alavi Shooshtari, 9193 West Finland Drive, Littleton, Colorado 80127; and Mingfu Zhang, 6891 Eagle Place, Highlands Ranch, Colorado 80130, have invented certain new and useful improvements in

VISCOSITY MODIFIED FORMALDEHYDE-FREE BINDER COMPOSITIONS

for which we have signed an application for Letters Patent of the United States:

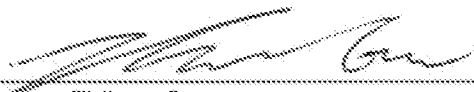
AND WHEREAS JOHNS MANVILLE, a corporation organized and existing under the laws of the State of Delaware, and having a place of business at 717 Seventeenth Street, in the City & County of Denver and State of Colorado, is desirous of acquiring the entire interest in said invention and in the said application for Letters Patent therefor, and in any Letters Patent which may be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN THAT, for good and valuable consideration, the receipt of which is hereby acknowledged, we Zhihua Guo, Uranchimeg Lester, Jawed Asrar, Kiarash Alavi Shooshtari, and Mingfu Zhang, have signed and transferred, and do hereby sell, assign and transfer unto said Johns Manville, its successors and assigns, the entire right title and interest in and to the said invention as fully set forth and described in the specification forming a part of said application for Letters Patent of the United States, and in and to said application, and in and to any and all Letters Patent of the United States which may be issued thereon, and any and all Letters Patent which may be granted for said invention in foreign countries, for the use and benefit of said Johns Manville, its successors and assigns.

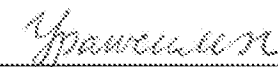
AND we do hereby authorize and request the U.S. Commissioner of Patents and Trademarks to issue the said Letters Patent of the United States which may be granted upon said application, or upon any divisional, continuing, substitute, reissue or renewal application or applications, to said Johns Manville, as the assignee of the entire right, title and interest in and to the same.

AND we do hereby agree properly to execute and sign without further compensation any powers of attorney, assignments, applications or other papers which may be necessary fully to secure to said Johns Manville, its successors and assigns, the invention shown and described in said application in this or any foreign country, and also to sign any divisional, continuing, substitute, reissue or renewal application or applications which may be desired by the owner of the Letters Patent or Letters Patents which may be issued for the said invention.

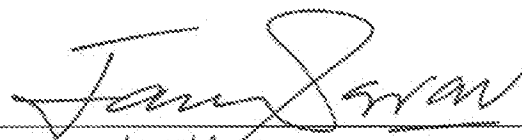
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal on the date set out below.

Inventor's Signature  L.S.
Zhihua Guo

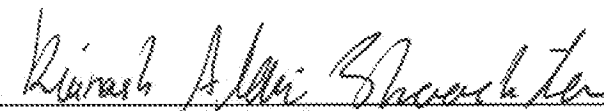
Date 11/15/2012

Inventor's Signature  L.S.
Uranchimeg Lester


Date 11/15/2012

Inventor's Signature  L.S.
Jawed Asrar

Date 11/19/12

Inventor's Signature  L.S.
Kiarash Alavi Shooshtari

Date 11/19/12

Inventor's Signature  L.S.
Mingfu Zhang

Date 11/29/2012