

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KIARASH ALAVI	05/01/2015
<b>RECEIVING PARTY DATA</b>	
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<b>State/Country:</b>	COLORADO
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14692580
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<b>ATTORNEY DOCKET NUMBER:</b>	8351
<b>NAME OF SUBMITTER:</b>	DENIS LAVOIE
<b>SIGNATURE:</b>	/dl/
<b>DATE SIGNED:</b>	05/04/2015
<b>Total Attachments: 2</b>	
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source=8351Assignment#page2.tif	

**ASSIGNMENT**

WHEREAS I, Kiarash Alavi, 9193 West Finland Drive, Littleton, Colorado 80127, have invented certain new and useful improvements in

**FORMALDEHYDE FREE COMPOSITES MADE WITH CARBOHYDRATE AND  
ALPHA-CARBON NUCLEOPHILE BINDER COMPOSITIONS**

U.S. Application/Serial No. 14/692,580      Filing Date: April 21, 2015

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, I, Kiarash Alavi, 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 I 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 I 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 Kiarash Alavi L.S.  
Kiarash Alavi

Date 5/1/2015