

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3652160

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LARRY TODD BANNER	11/11/2015
JESUS HERNANDEZ-TORRES	02/20/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	OWENS CORNING INTELLECTUAL CAPITAL, LLC
<b>Street Address:</b>	ONE OWENS CORNING PARKWAY
<b>City:</b>	TOLEDO
<b>State/Country:</b>	OHIO
<b>Postal Code:</b>	43659
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14565545
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(216)241-0816
<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>	
<b>Phone:</b>	216-622-8341
<b>Email:</b>	ipdocket@calfee.com, kbuzinski@calfee.com
<b>Correspondent Name:</b>	KIMBERLY A. TEXTORIS
<b>Address Line 1:</b>	CALFEE, HALTER & GRISWOLD LLP
<b>Address Line 2:</b>	THE CALFEE BUILDING, 1405 EAST SIXTH ST.
<b>Address Line 4:</b>	CLEVELAND, OHIO 44114
<b>ATTORNEY DOCKET NUMBER:</b>	27544/05799
<b>NAME OF SUBMITTER:</b>	KIMBERLY A. TEXTORIS
<b>SIGNATURE:</b>	/Kimberly A. Textoris/
<b>DATE SIGNED:</b>	12/10/2015
<b>Total Attachments: 4</b>	
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**ASSIGNMENT**

This Assignment is made and entered into by and between Larry Todd Banner, residing at 5 Raynan Drive, Ottumwa, Iowa 52501 and Jesus Hernandez-Torres, residing at 108 Reader Court, Pataskala, Ohio 43062 (collectively hereinafter "INVENTORS"), and OWENS CORNING INTELLECTUAL CAPITAL, LLC, a limited liability company, with its office at One Owens Corning Parkway, Toledo, Ohio 43659-2125 (hereinafter referred to as "OWENS").

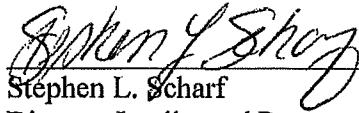
**Whereas** INVENTOR has invented certain inventions described in a U.S. Patent Application Serial No. 14/565,545, filed December 10, 2014 titled "BIO-BASED BINDERS INCLUDING CARBOHYDRATES AND A PRE-REACTED PRODUCT OF AN ALCOHOL OR POLYOL AND A MONOMERIC OR POLYMERIC POLYCARBOXYLIC ACID" (Attorney Docket No. 27544/05799);

**Whereas**, OWENS desires to acquire the entire right, title and interest in said application and inventions, and to any United States and foreign patents based on, relating to, or resulting from said application; and

**Now, therefore**, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged:

1. INVENTOR hereby sells, assigns, and transfers to OWENS, its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the inventions set forth in the application for United States Letters Patent executed by the INVENTOR, said application for United States Letters Patent, any and all other applications for Letters Patent on said inventions in the United States and in countries foreign to the United States, including all divisional, renewal, extension, reexamination, substitute, continuation, continuation-in-part, reissue, national and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues and extension of Letters Patent granted for said inventions or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said applications and said Letters Patent.

Signature on behalf of Assignee:

  
 Stephen L. Scharf  
 Director Intellectual Property  
 Designated Representative Owens Corning Intellectual Capital, LLC

11-16-2015  
 DATE

Signature:

\_\_\_\_\_  
 Jesus Hernandez-Torres

\_\_\_\_\_  
 DATE

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me, Jesus Hernandez-Torres to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.

Date: \_\_\_\_\_

\_\_\_\_\_  
 Notary Public

Signature:

\_\_\_\_\_  
 Larry Todd Banner

\_\_\_\_\_  
 DATE

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me, Larry Todd Banner, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.

Date: \_\_\_\_\_

\_\_\_\_\_  
 Notary Public

Signature on behalf of Assignee:

\_\_\_\_\_  
 Jason S. Fokens  
 Senior Counsel Intellectual Property  
 Designated Representative Owens Corning Intellectual Capital, LLC

\_\_\_\_\_  
DATE

Signature:

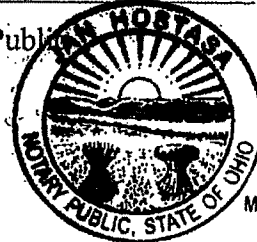
*Jesus Hernandez-Torres*  
 Jesus Hernandez-Torres

2/20/2015  
 DATE

On this 20 day of FEBRUARY, 2015, personally appeared before me, Jesus Hernandez-Torres to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.

Date: 2/20/15

*Jan Hostasa*  
 Notary Public



**JAN HOSTASA**  
**NOTARY PUBLIC**

**STATE OF OHIO**

My Comm. Expires August 14, 2017

Signature:

\_\_\_\_\_  
Larry Todd Banner\_\_\_\_\_  
DATE

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me, Larry Todd Banner, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.

Date: \_\_\_\_\_

\_\_\_\_\_  
Notary Public

Signature on behalf of Assignee:

\_\_\_\_\_  
 Jason S. Fokens  
 Senior Counsel Intellectual Property  
 Designated Representative Owens Corning Intellectual Capital, LLC

\_\_\_\_\_  
 DATE

Signature:

\_\_\_\_\_  
 Jesus Hernandez-Torres

\_\_\_\_\_  
 DATE

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me, Jesus Hernandez-Torres to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.

Date: \_\_\_\_\_

\_\_\_\_\_  
 Notary Public

Signature:

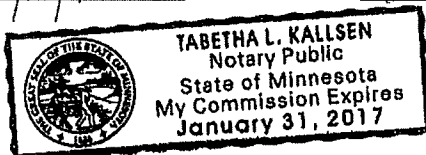
Larry Todd Banner  
 Larry Todd Banner

11/11/15  
 DATE

On this 11<sup>th</sup> day of November, 2015, personally appeared before me, Larry Todd Banner, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.

Date: 11/11/15

Tabetha L. Kallsen  
 Notary Public



Notary Public