PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JERRY M. PARKS	12/10/2016
DAVID E. MUSICK	12/08/2016
JACOB T. CHACKO	12/06/2016
TIMOTHY R. CLANCY	12/08/2016
NEIL HETTLER	01/30/2017
WEIGANG QI	12/05/2016
MADELYN ELIZABETH GUTKOSKI	12/19/2016

RECEIVING PARTY DATA

Name:	OWENS CORNING INTELLECTUAL CAPITAL, LLC
Street Address:	ONE OWENS CORNING PARKWAY
City:	TOLEDO
State/Country:	ОНЮ
Postal Code:	43659

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15774346

CORRESPONDENCE DATA

Fax Number: (216)241-0816

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.

Phone: (614)621-7781

Email: ipdocket@calfee.com **Correspondent Name:** BILLY C. RAULERSON

Address Line 1: CALFEE, HALTER & GRISWOLD LLP

Address Line 2: 1405 EAST SIXTH STREET Address Line 4: CLEVELAND, OHIO 44114

ATTORNEY DOCKET NUMBER:	27544/07279
NAME OF SUBMITTER:	JENNY SHAW
SIGNATURE:	/Jenny Shaw/
DATE SIGNED:	06/18/2018

504963821 PATENT REEL: 046114 FRAME: 0740

Total Attachments: 6 source=executed_assignment#page1.tif source=executed_assignment#page2.tif source=executed_assignment#page3.tif source=executed_assignment#page4.tif source=executed_assignment#page5.tif source=executed_assignment#page5.tif source=executed_assignment#page6.tif

PATENT REEL: 046114 FRAME: 0741

ASSIGNMENT

This Assignment is made and entered into by and between Jerry M. Parks, residing at 13560 Mowery Road, Danville, Ohio 43014; David E. Musick, residing at 1031 Forest Hills Road, Heath, Ohio 43056; Jacob T. Chacko, residing at 13613 Old Gate Drive, Pickerington, Ohio 43147; Timothy R. Clancy, residing at 3243 Richfield Center Road, Swanton, Ohio 43558; Neil Hettler, residing at 113 Bedwen Bach Ln., Granville, Ohio 43023; Weigang Qi, residing at 6811 Meadow Glen Drive South, Westerville, Ohio 43082 and Madelyn Elizabeth Gutkoski, residing at 6554 Clifton Park Circle North, Apt 301, New Albany, Ohio 43054 (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 INVENTORS have invented certain inventions described in International Application No. PCT/US16/61462, filed November 11, 2016, titled "PIPE INSULATION ASSEMBLY", U.S. Provisional Patent Application Serial No. 62/254,670, filed November 12, 2015, titled "PIPE INSULATION ASSEMBLY", U.S. Provisional Patent Application Serial No. 62/268,027, filed December 16, 2015, titled "PIPE INSULATION ASSEMBLY", and U.S. Provisional Patent Application Serial No. 62/287,812, filed January 27, 2016 titled "PIPE INSULATION ASSEMBLY" (Attorney Docket No. 27544/06235);

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. INVENTORS hereby sell, assign, and transfer 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 INVENTORS, said application for United States Letters Patent, any and all other applications for Letters Patent on said inventions

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in the United States and in countries foreign to the United States, including all divisional, renewal, extension, reexamination, substitute, continuation, continuation-in-part, reissue, 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.

- 2. OWENS is hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the INVENTORS or in the name of OWENS or otherwise as OWENS may deem advisable, under the International Convention or otherwise.
- 3. The Commissioner of Patents of the United States of America and the empowered officials of all other governments are hereby authorized to issue or transfer all said Letters Patent to OWENS in accordance herewith.
- 4. This Assignment is being made under covenant, not only that full power to make the same is had by the INVENTORS, but also that, at the time of execution of this Assignment, such assigned right is not encumbered by any grant, license, governmental restriction, or other right heretofore given.
- 5. The INVENTORS agree that they will perform all acts reasonably serving to assure that said inventions, patent applications and Letters Patent shall be held and enjoyed by OWENS as fully and entirely as the same could have been held and enjoyed by the INVENTORS if this Assignment had not been made, and particularly to execute and deliver to OWENS all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, lawful affidavits, and declarations in form and in substance which may be requested by OWENS, to furnish OWENS with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be useful for establishing the facts of conception, disclosure and reduction to practice of said inventions, and to testify in any proceedings relating to said inventions, patent applications and Letters Patent.

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- INVENTORS agree that this Assignment shall be construed in accordance with the laws and courts of Ohio. INVENTORS hereby also agree to submit to the jurisdiction of any Ohio court.
- 7. INVENTORS acknowledge and understand that the law firm of Calfee, Halter & Griswold LLP and its attorneys represent OWENS and INVENTORS acknowledge and understand that they are not the client of Calfee, Halter & Griswold LLP.
- INVENTORS acknowledge and understand that they have the opportunity to consult with independent legal counsel prior to executing this Assignment.

Melin D. h Letchy 1/25/17

Senior Counsel, Intellectual Property

Signature on behalf of Assignee:

Designated Representative Owens Coming Intellectual Capital, LLC

Signature:

Jerry M. Parks 12-10-16

Date

On this /O day of Describer, 2016, personally appeared before me, JERRY M. PARKS, 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: 12-10-16 Junjus X-Motice

Notary Public

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Signature: 19. 71/mile 12/8/16 DATE On this g day of December, 20//s, personally appeared before me, DAVID E. MUSICK, 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. Jan Hostaba **NOTARY PUBLIC** STATE OF OHIO My Comm. Expires August 14, 2017 Signature: On this day of December 20/6, personally appeared before me, JACOB T. CHACKO, 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. Jan Hostasa NOTARY PUBLIC

STATE OF OHIO

My Comm. Expires August 14, 2017

Signature	
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TIMOTHY R. CLANCY

12-8-16 DATE

On this day of <u>December</u>, 2010, personally appeared before me, TIMOTHY R. CLANCY, 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.

Notary Public

JULIA HAFNER
NOTARY PUBLIC
FOR THE
STATE OF OHIO
My Commission Expires
October 4, 2020

Signature:

NEAL HETTLER

___/-30--/> DATE

On this <u>30</u> day of <u>(ANURE)</u>, 20/<u>7</u>, personally appeared before me, NEIL HETTLER, 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: // 30//7

Notary Public

Jan Hostaga Notary Public

STATE OF OHIO

My Comm. Expires August 14, 2017

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12/5/16 DATE

Date: /2/5//6

Jan Hostasa Notary Public

STATE OF OHIO

My Comm. Expires August 14, 2017

Signature:

MADELYN ELIZABETH GUTKOSKI

12/19/16 DATE

On this /9 day of Vecenose, 20/4, personally appeared before me, MADELYN ELIZABETH GUTKOSKI, 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: /2/19/16

Jan Hostasa Notary Public

STATE OF OHIO

My Comm. Expires August 14, 2017

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PATENT REEL: 046114 FRAME: 0747