

## 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>Mark. E. Polasky</td> <td>03/19/2007</td> </tr> <tr> <td>Raymond M. Breindel</td> <td>01/12/2006</td> </tr> <tr> <td>Roland R. Loh</td> <td>01/12/2006</td> </tr> <tr> <td>Yadollah Delaviz</td> <td>01/11/2006</td> </tr> <tr> <td>Bharat Patel</td> <td>01/10/2006</td> </tr> </tbody> </table>		Name	Execution Date	Mark. E. Polasky	03/19/2007	Raymond M. Breindel	01/12/2006	Roland R. Loh	01/12/2006	Yadollah Delaviz	01/11/2006	Bharat Patel	01/10/2006
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Bharat Patel	01/10/2006												
RECEIVING PARTY DATA													
Name:	Owens-Corning Fiberglas Technology, Inc.												
Street Address:	7734 West 59th Street												
City:	Summit												
State/Country:	ILLINOIS												
Postal Code:	60501												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14010918</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14010918								
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Application Number:	14010918												
CORRESPONDENCE DATA													
Fax Number:	2162410816												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	216-622-8203												
Email:	jbishop@calfee.com												
Correspondent Name:	Joshua D. Bishop												
Address Line 1:	Calfee, Halter & Griswold LLP												
Address Line 2:	The Calfee Building, 1405 East Sixth St.												
Address Line 4:	Cleveland, OHIO 44114												
ATTORNEY DOCKET NUMBER:	27544/05765												
NAME OF SUBMITTER:	Joshua D. Bishop												

CH \$40.00 14010918

Signature:	/Joshua D. Bishop/
Date:	09/19/2013
Total Attachments: 8 source=01688696#page1.tif source=01688696#page2.tif source=01688696#page3.tif source=01688696#page4.tif source=01688696#page5.tif source=01688696#page6.tif source=01688696#page7.tif source=01688696#page8.tif	

## ASSIGNMENT

**I/WE** ("Assignor"), Mark E. Polasky, Raymond M. Breindel, Roland R. Loh, Yadollah Delaviz, Bharat Patel, have invented a new and useful improvement in **Deformable, Rigid Polystyrene Foam Board** ("the Invention"), and have executed an Application for United States Patent based thereon having Attorney Docket No. 25512A and/or Serial No. 11/208,987 ("the Application").

**OWENS-CORNING FIBERGLAS TECHNOLOGY, INC.**, ("U.S. Assignee"), a corporation of Illinois having a place of business at 7734 West 59th Street, Summit, IL 60501, is desirous of acquiring and has acquired certain U.S. rights in and to the Invention and the Application.

**OWENS CORNING** ("Non-U.S. Assignee"), a corporation of Delaware having a place of business at One Owens Corning Parkway, Toledo, Ohio, 43659, is desirous of acquiring and has acquired certain non-U.S. rights in and to the Invention and patent applications based on or claiming priority to the Application.

**NOW THEREFORE**, for good and valuable consideration, the receipt of which is hereby acknowledged:

**I/WE**, Assignor, have agreed to and do hereby sell, assign, and transfer unto U.S. Assignee my/our entire right, title, and interest in and throughout the United States of America (including its territories and dependencies), in and to the Invention, the Application, and any and all patents (including extensions, reissues, and reexaminations thereof) of the United States of America that have been or may be granted on the Invention or any part thereof, or on the Application or any divisional, continuation, renewal, reissue, or other U.S. patent application based in whole or in part on the Application or the Invention ("the U.S. Patent Rights"); the U.S. Patent Rights **TO BE HELD AND ENJOYED** by U.S. Assignee, its successors, and assigns to the full ends of the respective terms or periods for which the U.S. Patent Rights are pending, in force, or have been or may be granted or extended, as fully and entirely as the same would have been held and enjoyed by me/us had no assignment of said right, title, and interest been made;

**AND I/WE**, Assignor, have agreed to and do hereby sell, assign, and transfer unto Non-U.S. Assignee my/our entire right, title, and interest in all countries other than the United States of America, along with the right to claim priority based on the Application, in and to the Invention, all non-U.S. patent applications based on or claiming priority to the Application, and any and all patents (including extensions, reissues, and reexaminations thereof) of such countries that have been or may be granted on the Invention or any part thereof, or on any non-U.S. patent application based on or claiming priority to the Application, or on any divisional, continuation, renewal, reissue, or other patent application based in whole or in part on the Application, any patent application based on or claiming priority to the Application, or the Invention ("the Non-U.S. Patent Rights"); the Non-U.S. Patent Rights **TO BE HELD AND ENJOYED** by Non-U.S. Assignee, its successors, and assigns to the full ends of the respective terms or periods for which the Non-U.S. Patent Rights are pending, in force, or have been or may be granted or extended, as fully and entirely as the same would have been held and enjoyed by me/us had no assignment of said right, title, and interest have been made.

**FURTHER**, **I/WE**, Assignor, hereby covenant and agree for myself/ourselves, my/our heirs, and my/our legal representatives to assist U.S. Assignee and Non-U.S. Assignee in the prosecution of any and all patent applications assigned hereby and in any interference, opposition, or other legal proceeding that may arise involving the Invention, the Application, the U.S. Patent Rights, or the Non-U.S. Patent Rights, and, upon request, to execute without further consideration all papers necessary or desirable for the preparation or prosecution of any divisional, continuation, renewal, reissue, reexamination, or other applications for patents in any country that might be deemed necessary or desirable by U.S. Assignee or Non-U.S. Assignee to fully to secure its respective right, title, and interest in and to the Invention or any part thereof, in and to the Application or any patent application based thereon or claiming priority thereto, or in and to the U.S. Patent Rights or the Non-U.S. Patent Rights, as aforesaid;

**AND I/WE**, Assignor, hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue to U.S. Assignee any United States patent that may be granted based on the Invention or the Application, or on any other U.S. application assigned hereby; and I/we hereby authorize and request the authorized officials of all countries other than the United States of America to issue to Non-U.S. Assignee any non-U.S. patent that may be granted based on the Invention or the Application, or on any non-U.S. application assigned hereby.





Signed this \_\_\_\_\_ day of \_\_\_\_\_, 2006

By: \_\_\_\_\_  
Name: Mark E. Polasky  
Residence: 1408 Countryside Drive  
Mogadore, Ohio 44260

Citizenship: US

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss.

Before me on the day, month and year identified above personally appeared Mark E. Polasky, to me known to be the person named in the above Assignment, who signed the foregoing instrument in my presence and acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public SEAL  
My commission expires: \_\_\_\_\_

\*\*\*\*\*

Signed this \_\_\_\_\_ day of \_\_\_\_\_, 2006

By: \_\_\_\_\_  
Name: Raymond M. Breindel  
Residence: 3878 Edison Street N.E.  
Hartville, Ohio 44632

Citizenship: US

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss.

Before me on the day, month and year identified above personally appeared Raymond M. Breindel, to me known to be the person named in the above Assignment, who signed the foregoing instrument in my presence and acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public SEAL  
My commission expires: \_\_\_\_\_

\*\*\*\*\*

Signed this \_\_\_\_\_ day of \_\_\_\_\_, 2006

By: \_\_\_\_\_  
Name: Roland R. Loh  
Residence: 2082 Darrow Lake Drive  
Stow, Ohio 44224

Citizenship: US

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss.

Before me on the day, month and year identified above personally appeared Roland R. Loh, to me known to be the person named in the above Assignment, who signed the foregoing instrument in my presence and acknowledged the same to be his/her free act and deed.

\_\_\_\_\_  
Notary Public SEAL  
My commission expires: \_\_\_\_\_

\*\*\*\*\*

Signed this 11 day of January, 2006

By: Yadollah Delaviz  
Name: Yadollah Delaviz  
Residence: 3311 McCammon Chase Drive  
Lewis Center, Ohio 43035



JAN HOSTASA  
Notary Public  
State of Ohio  
My Commission  
Expires 11/29/06

STATE OF OHIO )  
COUNTY OF LICKING ) ss.

Before me on the day, month and year identified above personally appeared Yadollah Delaviz, to me known to be the person named in the above Assignment, who signed the foregoing instrument in my presence and acknowledged the same to be his/her free act and deed.

Jan Hostasa  
Notary Public SEAL  
My commission expires: 11/29/06

\*\*\*\*\*

Signed this 10<sup>th</sup> day of January, 2006

STATE OF OHIO )  
COUNTY OF LICKING ) ss.

By: Bharat P. Patel

Name: Bharat Patel  
Residence: 8372 Somerset Way  
Dublin, Ohio 43017

Before me on the day, month and year identified above personally appeared Bharat Patel, to me known to be the person named in the above Assignment, who signed the foregoing instrument in my presence and acknowledged the same to be his/her free act and deed.

Citizenship: US

JAN HOSTASA  
Notary Public

SEAL

My commission expires: 11/29/06



JAN HOSTASA  
Notary Public  
State of Ohio  
My Commission  
Expires 11/29/06

\*\*\*\*\*

ASSIGNMENT

I/WE ("Assignor"), Mark E. Polasky, Raymond M. Breindel, Roland R. Loh, Yadollah Delaviz, Bharat Patel, have invented a new and useful improvement in Deformable, Rigid Polystyrene Foam Board ("the Invention"), and have executed an Application for United States Patent based thereon having Attorney Docket No. 25512A and/or Serial No. 11/208,987 ("the Application").

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OWENS CORNING ("Non-U.S. Assignee"), a corporation of Delaware having a place of business at One Owens Corning Parkway, Toledo, Ohio, 43659, is desirous of acquiring and has acquired certain non-U.S. rights in and to the Invention and patent applications based on or claiming priority to the Application.

NOW THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged:

I/WE, Assignor, have agreed to and do hereby sell, assign, and transfer unto U.S. Assignee my/our entire right, title, and interest in and throughout the United States of America (including its territories and dependencies), in and to the Invention, the Application, and any and all patents (including extensions, reissues, and reexaminations thereof) of the United States of America that have been or may be granted on the Invention or any part thereof, or on the Application or any divisional, continuation, renewal, reissue, or other U.S. patent application based in whole or in part on the Application or the Invention ("the U.S. Patent Rights"); the U.S. Patent Rights TO BE HELD AND ENJOYED by U.S. Assignee, its successors, and assigns to the full ends of the respective terms or periods for which the U.S. Patent Rights are pending, in force, or have been or may be granted or extended, as fully and entirely as the same would have been held and enjoyed by me/us had no assignment of said right, title, and interest been made;

AND I/WE, Assignor, have agreed to and do hereby sell, assign, and transfer unto Non-U.S. Assignee my/our entire right, title, and interest in all countries other than the United States of America, along with the right to claim priority based on the Application, in and to the Invention, all non-U.S. patent applications based on or claiming priority to the Application, and any and all patents (including extensions, reissues, and reexaminations thereof) of such countries that have been or may be granted on the Invention or any part thereof, or on any non-U.S. patent application based on or claiming priority to the Application, or on any divisional, continuation, renewal, reissue, or other patent application based in whole or in part on the Application, any patent application based on or claiming priority to the Application, or the Invention ("the Non-U.S. Patent Rights"); the Non-U.S. Patent Rights TO BE HELD AND ENJOYED by Non-U.S. Assignee, its successors, and assigns to the full ends of the respective terms or periods for which the Non-U.S. Patent Rights are pending, in force, or have been or may be granted or extended; as fully and entirely as the same would have been held and enjoyed by me/us had no assignment of said right, title, and interest have been made.

FURTHER, I/WE, Assignor, hereby covenant and agree for myself/ourselves, my/our heirs, and my/our legal representatives to assist U.S. Assignee and Non-U.S. Assignee in the prosecution of any and all patent applications assigned hereby and in any interference, opposition, or other legal proceeding that may arise involving the Invention, the Application, the U.S. Patent Rights, or the Non-U.S. Patent Rights, and, upon request, to execute without further consideration all papers necessary or desirable for the preparation or prosecution of any divisional, continuation, renewal, reissue, reexamination, or other applications for patents in any country that might be deemed necessary or desirable by U.S. Assignee or Non-U.S. Assignee to fully to secure its respective right, title, and interest in and to the Invention or any part thereof, in and to the Application or any patent application based thereon or claiming priority thereto, or in and to the U.S. Patent Rights or the Non-U.S. Patent Rights, as aforesaid;

AND I/WE, Assignor, hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue to U.S. Assignee any United States patent that may be granted based on the Invention or the Application, or on any other U.S. application assigned hereby; and I/we hereby authorize and request the authorized officials of all countries other than the United States of America to issue to Non-U.S. Assignee any non-U.S. patent that may be granted based on the Invention or the Application, or on any non-U.S. application assigned hereby.



Signed this 19<sup>th</sup> day of March, 2006

By: Mark E. Polasky  
Name: Mark E. Polasky  
Residence: 1408 Countryside Drive  
Mogadore, Ohio 44260

Citizenship: US

STATE OF Ohio )  
COUNTY OF Portage ) ss.

Before me on the day, month and year identified above personally appeared Mark E. Polasky, to me known to be the person named in the above Assignment, who signed the foregoing instrument in my presence and acknowledged the same to be his/her free act and deed.

Jeanette M. Selzer  
Notary Public

My commission expires: July 22, 2007

SEAL

Signed this \_\_\_\_\_ day of \_\_\_\_\_, 2006

By: \_\_\_\_\_  
Name: Raymond M. Breindel  
Residence: 3878 Edison Street N.E.  
Hartsville, Ohio 44632

Citizenship: US

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss.

Before me on the day, month and year identified above personally appeared Raymond M. Breindel, to me known to be the person named in the above Assignment, who signed the foregoing instrument in my presence and acknowledged the same to be his/her free act and deed.

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

My commission expires: \_\_\_\_\_

SEAL

Signed this \_\_\_\_\_ day of \_\_\_\_\_, 2006

By: \_\_\_\_\_  
Name: Roland R. Loh  
Residence: 2082 Darrow Lake Drive  
Stow, Ohio 44224

Citizenship: US

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss.

Before me on the day, month and year identified above personally appeared Roland R. Loh, to me known to be the person named in the above Assignment, who signed the foregoing instrument in my presence and acknowledged the same to be his/her free act and deed.

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

My commission expires: \_\_\_\_\_

SEAL

Signed this \_\_\_\_\_ day of \_\_\_\_\_, 2006

By: \_\_\_\_\_  
Name: Yadollah Delaviz  
Residence: 3311 McCammon Chase Drive  
Lewis Center, Ohio 43035

Citizenship: US

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss.

Before me on the day, month and year identified above personally appeared Yadollah Delaviz, to me known to be the person named in the above Assignment, who signed the foregoing instrument in my presence and acknowledged the same to be his/her free act and deed.

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

My commission expires: \_\_\_\_\_

SEAL

\*\*\*\*\*

Signed this \_\_\_\_\_ day of \_\_\_\_\_, 2006

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss.

By: \_\_\_\_\_  
Name: Bharat Patel  
Residence: 8372 Somerset Way  
Dublin, Ohio 43017

Before me on the day, month and year identified above personally appeared Bharat Patel, to me known to be the person named in the above Assignment, who signed the foregoing instrument in my presence and acknowledged the same to be his/her free act and deed.

Citizenship: US

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

SEAL

My commission expires: \_\_\_\_\_

\*\*\*\*\*

PATENT