502100415 10/19/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

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

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

Property Type	Number
Application Number:	13648331

CORRESPONDENCE DATA

2162410816 Fax Number:

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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:	27544/04810
NAME OF SUBMITTER:	Joshua D. Bishop

REEL: 029157 FRAME: 0879

PATENT 502100415

Total Attachments: 8	
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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 helrs, 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.

			STATE OF ·)
Signed this	day of	_, 2006	COUNTY OF	.) ss.)
Ву:	Mark C Delastry		Before me on the day, month and year identification personally appeared Mark E. Polasky,	
Name: Residence:	Mark E. Polasky 1408 Countryside Drive Mogadore, Ohio 44260		to me known to be the person named in the a who signed the foregoing instrument in my pre- acknowledged the same to be his/her free act	esence and
Citizenship	: US			
•			Notary Public	SEAL
			My commission expires:	
*****	*******	* * * * * * *	********	******
Signed this	12 day of TANUARY	_, 2006	STATE OF BHID)) ss.
0	100	1	COUNTY OF GUARCE) .
By: Kgyp		Δ	Before me on the day, month and year identifit personally appeared Raymond M. Breindel,	
Name: // Residence:	Raymond M. Breindel 3878 Edison Street N.E. Hartville, Ohlo 44632	· ·	to me known to be the person named in the all who signed the foregoing instrument in my pre acknowledged the same to be his/her free act	sence and
Citizenship:	US -		Molary Public	
			2	SEAL
*****	******	*****	Notary Public My commission expires: D 17 12	シア
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			STATE OF)
Signed this	day of	, 2006	COUNTY OF) ss.)
Rv:			Before me on the day, month and year identific	ed above
By: Name:	Roland R. Loh	maa	to me known to be the person named in the ab	ove Assignment,
Residence:	2082 Darrow Lake Drive Stow, Ohio 44224		who signed the foregoing instrument in my pre acknowledged the same to be his/her free act	sence and
Citizenship:	US		Notary Public	
			My commission expires:	SEAL
*****	* * * * * * * * * * * * * * * * * * *	******	**********	*****
			STATE OF)
Signed this ₋	day of	, 2006	COUNTY OF) \$8.)
Ву:			Before me on the day, month and year identifie personally appeared Yadollah Delaviz,	d above
Name:	Yadollah Delaviz		to me known to be the person named in the ab	-
Residence;	3311 McCammon Chase Drive Lewis Center, Ohio 43035)	who signed the foregoing instrument in my pres acknowledged the same to be his/her free act a	
Citizenship:	US		Natan Dikth	
			Notary Public	SEAL
			My commission expires:	

	_		STATE OF)
Signed this	day of	_, 2006	COUNTY OF) ss.)
Ву:			Before me on the day, month and year identified personally appeared Mark E. Polasky,	d above
Name: Residence:	Mark E. Polasky 1408 Countryside Drive Mogadore, Ohio 44260		to me known to be the person named in the abo who signed the foregoing instrument in my pres acknowledged the same to be his/her free act a	ence and
Citizenship:	US .		Notary Public	
	•		, ,	SEAL
			My commission expires:	
*****	* * * * * * * * * * * * * * * * * * *	******	* * * * * * * * * * * * * * * * * * * *	******
O. 141		0000	STATE OF)
Signed this	day of	_, 2006	COUNTY OF) ss. }
			Before me on the day, month and year identified	l above
Ву:	m		personally appeared Raymond M. Breindel,	
Name: Residence:	Raymond M. Breindel 3878 Edison Street N.E. Hartville, Ohio 44632		to me known to be the person named in the abo who signed the foregoing instrument in my press acknowledged the same to be his/her free act an	ence and
Citizenship:	US.		Notary Public	
			·	SEAL
			My commission expires:	
*****	* * * * * * * * * * * * * * * * * * * *	* * * * * * * *	*****	* * * * * * * * * *
	رم حو		STATE OF OKO)
Signed this _	12 day of Jan	_, 2006	COUNTY OF SUMMIT) ss.)
D	1.11		Before me on the day, month and year identified	above
Ву:	and Low		personally appeared Roland R. Loh,	
Name: Residence:	Roland R. Loh 2082 Darrow Lake Drive Stow, Ohio 44224		to me known to be the person named in the above who signed the foregoing instrument in my prese acknowledged the same to be his/her free act an	ence and
Oltimomoloine	·		Al Care	
Citizenship:	05		Notary Public	
			My commission expires: D-12-2007	SEAL
*****	*************	******	* * * * * * * * * * * * * * * * * * * *	*****
Oine and thin	- dm., a.e	2006	STATE OF)
Signed this _	day of	., 2006	COUNTY OF) ss.)
			Before me on the day, month and year identified	abově
By: Name:	Yadollah Delaviz	,	personally appeared Yadollah Delaviz, to me known to be the person named in the abov	laemoniesA a
	3311 McCammon Chase Driv	е	who signed the foregoing instrument in my prese	- '
	Lewis Center, Ohio 43035	•	acknowledged the same to be his/her free act an	
Citizenship:	U\$.		M-11-7-11-7-11-11-11-11-11-11-11-11-11-11	
			Notary Public	SEAL
,		·	My commission evnings	
			My commission expires:	

	STATE OF)
Signed this day of, 2006	COUNTY OF) ss.)
Ву:	Before me on the day, month and year ider personally appeared Mark E. Polasky,	ntlfied above
Name: Mark E. Polasky	to me known to be the person named in the	above Assignment.
Residence: 1408 Countryside Drive	who signed the foregoing instrument in my	
Mogadore, Ohio 44260	acknowledged the same to be his/her free:	
Mogadore, Offic 44260	acknowledged the same to be hishler free:	act and deed.
011		
Citizenship: US	N-4Duly-	
	Notary Public	CEAL
		SEAL
	My commission expires;	
		-
*******	*********	*******
	STATE OF)
Signed this, 2006) ss.
	COUNTY OF)
	Before me on the day, month and year iden	itified above
By:	personally appeared Raymond M. Breindel	,
Name: Raymond M. Breindel	to me known to be the person named in the	above Assignment,
Residence: 3878 Edison Street N.E.	who signed the foregoing instrument in my	presence and
Hartville, Ohio 44632	acknowledged the same to be his/her free a	
ria timo, orno rioca	additionaged the carrie to be morner if to	aot ano aooa.
Citizenship: US		
Chizenship. Oo	Notary Public	
	Notary Public	SEAL
		<i>OL/</i> (L
	My commission expires:	
	•	
*********	********	*****
	STATE OF)
Signed this day of, 2006) 88.
	COUNTY OF)
	Defendance of the design of the second secon	21 mm . 1 . 1
D.	Before me on the day, month and year iden	litied above
Ву:	personally appeared Roland R. Loh,	
Name: Roland R. Loh	to me known to be the person named in the	-
Residence: 2082 Darrow Lake Drive	who signed the foregoing instrument in my p	presence and
Stow, Ohlo 44224	acknowledged the same to be his/her free a	ict and deed.
Citizenship: US		
	Notary Public	
		SEAL
	My commission expires:	-

	STATE OF OHIO	1
Signed this 11 day of Taniaary 2006		, \
Signed this 11 day of January, 2006	COUNTY OF LICKING) 55,
•	COUNTERMA	,
1 / 01	Before me on the day, month and year iden	liffod abova
By: Vadi Delaviz	•	med above
• — — — — — — — — — — — — — — — — — — —	personally appeared Yadollah Delaviz,	
Name: Yadollah Delaviz	to me known to be the person named in the	• .
Residence: 3311 McCammon Chase Drive	who signed the foregoing Instrument in my p	presence and
Lewis Center, Ohio 43035	acknowledged the same to be his/her free a	ct and deed.
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CILLE JAN HOSTASA	Van Hastaga)	
Notary Public	Notary Public	
Section State of the Section S	/	SEAL
State of Ohio	11-01-1	,
My Commission	My commission expires: ///29/04	2

Signed this 10 day of January, 2006	STATE OF OHIO) COUNTY OF KICKING)
By: Bhart Patel	Before me on the day, month and year identified above personally appeared Bharat Patel,
Manie. Ditalat i atel	to me known to be the person named in the above Assignment,
Residence: 8372 Somerset Way	who signed the foregoing instrument in my presence and
Dublin, Ohio 43017 Citizenship: US	acknowledged the same to be his/her free act and deed, Augustus Notary Public
JAN HOSTASA	/ SEAL
Notary Public	My commission expires: 11/29/06
State of Ohio *************	* * * * * * * * * * * * * * * * * * * *
Maria Sha A Maria Commission	

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.

PATENT

REEL: 029157 FRAME: 0886

By:	Mogadore, Ohio 44260	_, 2007	COUNTY OF POZTACE Before me on the day, month and year identified a personally appeared Mark E. Polašky, to me known to be the person named in the above who signed the foregoing instrument in my presen acknowledged the same to be his/her free act and Notary Public My commission expires July 22 20	Assignment, ce and deed.
By; Name:	day of day of Raymond M. Breindel 3878 Edison Street N.E.	_, 2006	****************** STATE OF' COUNTY OF Before me on the day, month and year identified al personally appeared Raymond M. Breindel, to me known to be the person named in the above who signed the foregoing instrument in my present	Assignment,
Citizenship:	Hartville, Ohio 44632 US		acknowledged the same to be his/her free act and Notary Public My commission expires:	deed.
By: Name:	day ofday ofRoland R. Loh 2082 Darrow Lake Drive Stow, Ohio 44224	., 2006 	STATE OF COUNTY OF Before me on the day, month and year identified al personally appeared Roland R: Loh, to me known to be the person named in the above who signed the foregoing instrument in my present acknowledged the same to be his/her free act and	 Assignment, ⊹ œ and
Citizenship:	US	***	Notary Public My commission expires:	SEAL
Signed this	day of	, 2006	STATE OF)) ss.)
By: Name; Residence;	Yadollah Delaviz 3311 McCammon Chase Driv Lewis Center, Ohio 43035		Before me on the day, month and year identified at personally appeared Yadollah Delaviz, to me known to be the person named in the above who signed the foregoing instrument in my present acknowledged the same to be his/her free act and	Assignment,
Citizenship:	US		Notary Public	SEAL
			My commission expires:	

		•	STATE OF)
Signed this	ḍay of	, 2006	COUNTY OF) ss.)
Ву:	<i>:</i> .	·	Before me on the day, month and yea personally appeared Bharat Patel,	ar identified above
Name: Residence:	Bharat Patel 8372 Somerset Way Dublin, Ohio 43017	•	to me known to be the person named in the above A who signed the foregoing instrument in my presence acknowledged the same to be his/her free act and d	
Citizenship:	US		Notary Public	SEAL
		•	My commission expires:	

PATENT

REEL: 029157 FRAME: 0888