

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Douglas J. Miller</td> <td>12/07/2007</td> </tr> <tr> <td>Richard L. Shao</td> <td>12/07/2007</td> </tr> <tr> <td>Mark Segger</td> <td>12/13/2007</td> </tr> <tr> <td>Yevegiy P. Griffin</td> <td>11/23/2007</td> </tr> </tbody> </table>		Name	Execution Date	Douglas J. Miller	12/07/2007	Richard L. Shao	12/07/2007	Mark Segger	12/13/2007	Yevegiy P. Griffin	11/23/2007
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Douglas J. Miller	12/07/2007										
Richard L. Shao	12/07/2007										
Mark Segger	12/13/2007										
Yevegiy P. Griffin	11/23/2007										
RECEIVING PARTY DATA											
Name:	GrafTech International Holdings Inc.										
Street Address:	12900 Snow Road										
Internal Address:	Attn: Jenn Radike										
City:	Parma										
State/Country:	OHIO										
Postal Code:	44130										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11773099</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11773099						
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Application Number:	11773099										
CORRESPONDENCE DATA											
Fax Number:	(216)676-2462										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	216-676-2281										
Email:	jennifer.radike@graftech.com										
Correspondent Name:	GrafTech International Holdings Inc.										
Address Line 1:	12900 Snow Road										
Address Line 2:	Attn: Jenn Radike										
Address Line 4:	Parma, OHIO 44130										
ATTORNEY DOCKET NUMBER:	P2073-3										
NAME OF SUBMITTER:	Timothy R. Krogh										

CH \$40.00 11773099

Total Attachments: 6

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ASSIGNMENT

In consideration of the payment of one (\$1.00) dollar, and for other good and valuable consideration, the receipt of which is hereby acknowledged, Douglas J. Miller, Richard L. Shao, Mark Segger, and Yevgeniy P. Griffin ("Assignors") assign to GrafTech International Holdings Inc. of Parma, Ohio ("Assignee") their entire right, title, and interest in and to an invention entitled "INSULATED PANEL FOR MINE SAFE ROOMS" (the "Invention"), and in any and all patents, reissue patents, certificates of inventorship, design registrations, utility models, and the like, that may be granted in the U.S. or in any foreign country with respect to the Invention and improvements thereto, and in any application, including continuations, continuations-in-part, or divisions, that may be filed with respect to the Invention or improvements thereto, including pending U.S. Patent Application Serial Number 11/407,356, filed July 3, 2007.

Assignors will, without additional charge to Assignee but at Assignee's expense, cooperate with and assist Assignee such that Assignee may realize and fully enjoy all the rights assigned hereunder, including the preparation and execution of all papers needed by Assignee, and providing such information and assistance as may reasonably be required by Assignee in any administrative or legal proceeding to obtain or protect such rights.

Assignors represent and warrant that they have not publicly used or disclosed the Invention, and that they have not previously sold or offered to sell the Invention.

Assignors represent and warrant that they have not transferred, licensed, and/or assigned any interest in the Invention to anyone other than Assignee, and that they have not entered into any contract, assignment, or license conveying any right granted to Assignee hereunder, or that would otherwise conflict with this Assignment.

This Assignment and each of its terms shall be binding on each Assignor, his representatives, heirs and assigns, and shall inure to the benefit of Assignee, its successors, and assigns.

Douglas J. Miller
Douglas J. Miller

12-7-07
Date

STATE OF OHIO
COUNTY OF CUYAHOGA

Before me, Carol A. McAlonis, a Notary Public of the state and county aforesaid, personally appeared Douglas J. Miller, with whom I am personally acquainted, or proved to me on the basis of satisfactory evidence, and who upon oath, acknowledged himself to be the within named joint Assignor, and that he executed the foregoing instrument for the purposes therein contained.

This 7th day of December, 2007.

Carol A. McAlonis
Notary Public

My commission expires: _____
CAROL A. McALONIS
Notary Public, State of Ohio
Recorded in Cuyahoga County
My Comm. Expires Oct. 23, 2010

Richard L. Shao
Richard L. Shao

December 7, 2007
Date

STATE OF OHIO
COUNTY OF CUYAHOGA

Before me, Carol A. McAlonis, a Notary Public of the state and county aforesaid, personally appeared Richard L. Shao, with whom I am personally acquainted, or proved to me on the basis of satisfactory evidence, and who upon oath, acknowledged himself to be the within named joint Assignor, and that he executed the foregoing instrument for the purposes therein contained.

This 7th day of December, 2007.

Carol A. McAlonis
Notary Public

My commission expires: CAROL A. McALONIS
Notary Public, State of Ohio
Recorded in Cuyahoga County
My Comm. Expires Oct. 27, 2010

Mark Segger
Mark Segger

12/13/07
Date

STATE OF OHIO
COUNTY OF Cuyahoga

Before me, Carol A. McAlonis, a Notary Public of the state and county aforesaid, personally appeared Mark Segger, with whom I am personally acquainted, or proved to me on the basis of satisfactory evidence, and who upon oath, acknowledged himself to be the within named joint Assignor, and that he executed the foregoing instrument for the purposes therein contained.

This 13th day of December, 2007.

Carol A. McAlonis
Notary Public

My commission expires: _____

CAROL A. McALONIS
Notary Public, State of Ohio
Recorded in Cuyahoga County
My Comm. Expires Oct. 22, 2008



Yevegy P. Griffin

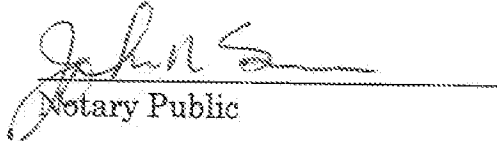
11/23/2007

Date

STATE OF Ohio
COUNTY OF Summit

Before me, John R. Sauner, a Notary Public of the state and county aforesaid, personally appeared Yevegy P. Griffin, with whom I am personally acquainted, or proved to me on the basis of satisfactory evidence, and who upon oath, acknowledged himself to be the within named joint Assignor, and that he executed the foregoing instrument for the purposes therein contained.

This 23rd day of November, 2007.



Notary Public

My commission expires: March 5th, 2012

JOHN R. SAUNER
Notary Public, State of Ohio
My Commission Expires March 5, 2012
Recorded in Summit County