

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>John Euford Mobley</td> <td>04/23/2012</td> </tr> <tr> <td>Aaron Morgan Huber</td> <td>04/27/2012</td> </tr> <tr> <td>Ryan Patrick Enright</td> <td>04/27/2012</td> </tr> </tbody> </table>		Name	Execution Date	John Euford Mobley	04/23/2012	Aaron Morgan Huber	04/27/2012	Ryan Patrick Enright	04/27/2012
Name	Execution Date								
John Euford Mobley	04/23/2012								
Aaron Morgan Huber	04/27/2012								
Ryan Patrick Enright	04/27/2012								
RECEIVING PARTY DATA									
Name:	JOHNS MANVILLE								
Street Address:	717 Seventeenth Street								
City:	Denver								
State/Country:	COLORADO								
Postal Code:	80202								
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>13458211</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13458211				
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Application Number:	13458211								
CORRESPONDENCE DATA									
Fax Number:	(303)978-2323								
Phone:	303-978-5200								
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NAME OF SUBMITTER:	Denis Lavoie								
Total Attachments: 2 source=8111Assignment#page1.tif source=8111Assignment#page2.tif									

CH \$40.00 13458211

ASSIGNMENT

WHEREAS we, John Euford Mobley, 535 Rarity Bay Parkway, 205 D, Vonore, Tennessee 37885; Aaron Morgan Huber, 7710 Saxeborough Drive, Castle Rock, Colorado 80108; and Ryan Patrick Enright, 8199 Welby Road, No. 604, Denver, Colorado 80229, have invented certain new and useful improvements in

**SUBMERGED COMBUSTION MELTER COMPRISING A MELT EXIT STRUCTURE
DESIGNED TO MINIMIZE IMPACT OF MECHANICAL ENERGY, AND METHODS OF
MAKING MOLTEN GLASS**

for which we have signed an application for Letters Patent of the United States;

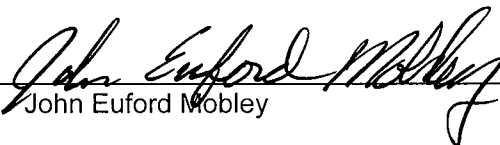
AND WHEREAS JOHNS MANVILLE, a corporation organized and existing under the laws of the State of Delaware, and having a place of business at 717 Seventeenth Street, in the City & County of Denver and State of Colorado, is desirous of acquiring the entire interest in said invention and in the said application for Letters Patent therefor, and in any Letters Patent which may be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN THAT, for good and valuable consideration, the receipt of which is hereby acknowledged, we John Euford Mobley, Aaron Morgan Huber and Ryan Patrick Enright, have signed and transferred, and do hereby sell, assign and transfer unto said Johns Manville, its successors and assigns, the entire right title and interest in and to the said invention as fully set forth and described in the specification forming a part of said application for Letters Patent of the United States, and in and to said application, and in and to any and all Letters Patent of the United States which may be issued thereon, and any and all Letters Patent which may be granted for said invention in foreign countries, for the use and benefit of said Johns Manville, its successors and assigns.

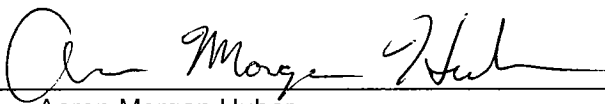
AND we do hereby authorize and request the U.S. Commissioner of Patents and Trademarks to issue the said Letters Patent of the United States which may be granted upon said application, or upon any divisional, continuing, substitute, reissue or renewal application or applications, to said Johns Manville, as the assignee of the entire right, title and interest in and to the same.

AND we do hereby agree properly to execute and sign without further compensation any powers of attorney, assignments, applications or other papers which may be necessary fully to secure to said Johns Manville, its successors and assigns, the invention shown and described in said application in this or any foreign country, and also to sign any divisional, continuing, substitute, reissue or renewal application or applications which may be desired by the owner of the Letters Patent or Letters Patents which may be issued for the said invention.

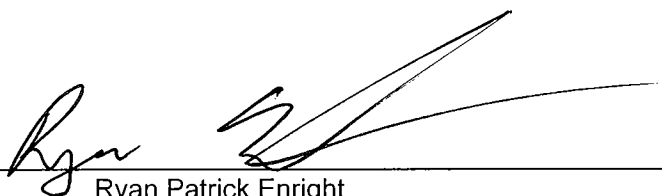
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal on the date set out below.

Inventor's Signature  L.S.
John Euford Mobley

Date 4-23-12

Inventor's Signature  L.S.
Aaron Morgan Huber

Date 27 April 2012

Inventor's Signature  L.S.
Ryan Patrick Enright

Date 4/27/12