

# PATENT ASSIGNMENT

Electronic Version v1.1

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|---|------------------------|
| SUBMISSION TYPE:  | NEW ASSIGNMENT         |
| NATURE OF CONVEYANCE:   | ASSIGNMENT             |
| <b>CONVEYING PARTY DATA</b>   |                        |
| Name  | Execution Date         |
| Gerard Benharbon  | 09/23/2010             |
| Pierre Mahieu   | 09/24/2010             |
| <b>RECEIVING PARTY DATA</b>   |                        |
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| State/Country:  | FRANCE                 |
| Postal Code:  | 69700                  |
| <b>PROPERTY NUMBERS Total: 1</b>  |                        |
| Property Type   | Number                 |
| Application Number:   | 12866275               |
| <b>CORRESPONDENCE DATA</b>  |                        |
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| NAME OF SUBMITTER:  | Steven J. Goldstein    |
| <p>Total Attachments: 3</p> <p>source=Assignment#page1.tif</p> <p>source=Assignment#page2.tif</p> |                        |

OP \$40.00 12866275

**501329287**

**PATENT**  
**REEL: 025186 FRAME: 0785**



## ASSIGNMENT

The undersigned inventor(s) (hereinafter "Assignors") of the residence(s) indicated below have invented a SHUTTER HAVING A SWELLABLE PERIPHERAL SEAL AND SHUTTING SYSTEM COMPRISING IT, FOR A MULTIPLE-CHAMBER FURNACE PORT (hereinafter the "Invention"). Preferred embodiments of the Invention are disclosed in a United States Patent Application executed on or near even date herewith under the same title United States Patent Application Number 12/866,275 filed on August 5, 2010 under the same title (hereinafter the "Application").

SOLIOS CARBONE (Assignee) having a principal place of business at 32 rue Fleury Neuvesel, Givors, France 69700, and their successors, assigns, and legal representatives (hereinafter "Assignee(s)") desires to secure the entire right, title and interest in and to the Invention.

For one dollar in hand paid and for other good and valuable consideration, the receipt and adequacy of which is acknowledged, Assignor(s) hereby:

1. Sells, assigns and transfers to Assignee the entire right, title and interest in and to the Invention, the Application, any other applications to which the Application claims priority benefit, including but not limited to related provisional applications, any other patent applications based in whole or in part upon the Invention or Application in any country (including divisional, renewal, substitute, continuation, and continuation-in-part applications), and all patents which may be granted thereon (including all reissues, reexaminations, and extensions thereof);
2. Authorizes Assignee to file patent applications on the Invention in any country in the name of Assignee, or otherwise as Assignee may deem advisable;
3. Authorizes and requests the Director of the United States Patent & Trademark Office, and such patent office officials in foreign countries as are duly authorized by their laws to issue patents, to issue any patents on the Invention to Assignee as the owner of the entire right, title, and interest therein or otherwise as Assignee may direct;
4. Agrees, without expense to Assignor(s) but without further consideration, to carry out in good faith the intent and purpose of this Assignment by executing all divisional, renewal, substitute, continuation, continuation-in-part, reissue, and all other patent applications based on the Invention; executing all rightful oaths, assignments, powers of attorney and other papers; communicating to Assignee all facts known to Assignor(s) relating to the Invention and the history thereof; and generally, doing everything reasonably possible which Assignee shall consider desirable for aiding in securing, maintaining, and enforcing proper protection for the Invention and for vesting title in Assignee to the Invention and all patent applications and patents based on the Invention;
5. Represents and warrants that Assignor(s) has the full right to convey to Assignee the entire interest to the Invention, and that Assignor(s) has not executed, and will not execute, any agreement in conflict herewith;

6. Agrees to transfer a like interest upon request of Assignee, and without further remuneration, in and to any improvements growing out of or relating to the Invention or any patent applications or patents based thereon;

7. Authorizes Assignee to insert in this Assignment the serial number and filing date of the Application or any other information which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this Assignment; and

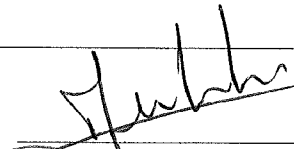
8. Covenants that this Assignment shall be binding upon Assignor's heirs, successors, and legal representatives.

First inventor:

*Signature:*

*Full Name:*

*Residence:*

  
Gérard Benharbon

105 r 4 aout

Villeurbanne, France 69100

*Date:*

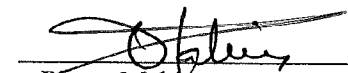
23/09/10

Second inventor:

*Signature:*

*Full Name:*

*Residence:*

  
\_\_\_\_\_  
Pierre Mahieu  
\_\_\_\_\_  
34, rue Edouard Herriot  
\_\_\_\_\_  
Lyon, France 69001  
\_\_\_\_\_

*Date:* 14/09/2010