

## 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>Olivier Citti</td> <td>02/13/2013</td> </tr> <tr> <td>Julien P. Fourcade</td> <td>02/13/2013</td> </tr> <tr> <td>Andrea L. Kazmierczak</td> <td>02/15/2013</td> </tr> </tbody> </table>		Name	Execution Date	Olivier Citti	02/13/2013	Julien P. Fourcade	02/13/2013	Andrea L. Kazmierczak	02/15/2013		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>SAINT-GOBAIN CERAMICS &amp; PLASTICS, INC.</td> </tr> <tr> <td>Street Address:</td> <td>One New Bond Street</td> </tr> <tr> <td>City:</td> <td>Worcester</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>01615-0138</td> </tr> </table>		Name:	SAINT-GOBAIN CERAMICS & PLASTICS, INC.	Street Address:	One New Bond Street	City:	Worcester	State/Country:	MASSACHUSETTS	Postal Code:	01615-0138
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 5127957677  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 512-900-8500        Email: mail@abel-ip.com        Correspondent Name: Abel Law Group, LLP        Address Line 1: 8911 N. Capital of Texas Hwy        Address Line 2: Bldg 4, Suite 4200        Address Line 4: Austin, TEXAS 78759</p>											
ATTORNEY DOCKET NUMBER:	CO-21792-US										
NAME OF SUBMITTER:	Jeffrey S. Abel										
Signature:	/Jeffrey S. Abel/										

Date:

04/29/2013

Total Attachments: 2

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### ASSIGNMENT OF INVENTION

For good and valuable consideration, the receipt of which is hereby acknowledged,  
I, an Assignor named below,

Olivier Citti of Wellesley, MA 02482 US

Julien P. Fourcade of Shrewsbury, MA 01545 US

Andrea L. Kazmierczak of Marlborough, MA 01752 US

hereby sell, assign and transfer to

ASSIGNEE: SAINT-GOBAIN CERAMICS & PLASTICS, INC., a Delaware  
Corporation, having a principal place of business at One New Bond  
Street, Worcester, MA 01615-0138,

its successors, assigns and legal representatives, my entire right, title and interest throughout the  
world, including all rights to claim priority, in and to the invention disclosed in:

- ☐ U.S. Patent Application executed on or about the date of this Assignment,
- ☐ U.S. Patent Application executed on \_\_\_\_\_,
- ☐ U.S. Provisional Application \_\_\_\_\_, filed on \_\_\_\_\_,
- ☒ U.S. Application No.: 13/738,988, filed on January 10, 2013, or
- ☐ International Application No.: PCT/ \_\_\_\_\_, filed on \_\_\_\_\_.

ENTITLED: **REFRACTORY OBJECT AND PROCESS OF FORMING A  
GLASS SHEET USING THE REFRACTORY OBJECT**, and  
naming as

INVENTOR(S): Olivier Citti, Julien P. Fourcade, and Andrea L. Kazmierczak.

("Invention") including without limitation, my entire right, title and interest in and to any and all  
United States and foreign applications (including international, regional and foreign national  
applications) for said Invention, including divisions, continuations, continuations-in-part, utility  
models, industrial designs, renewals, substitutes and extensions thereof, and in and to any and all  
patents, invention registrations, or other forms of protection ("Patents") of every country or region  
that may be granted or have been granted for said Invention, including any reissues and  
reexaminations thereof.

To comply with 37 C.F.R. § 3.21 for recording this Assignment, I authorize and request that the  
application number and filing date be inserted here, if not already shown above,  
(  /  , filed                     ) when they become known.

I authorize Assignee to apply for and be granted patents in the United States and foreign countries  
for said Invention, and to claim all rights of priority without further authorization from me.

I agree that, upon request and without further compensation, but at no expense to me, I and/or my legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing the Patents in the United States and throughout the world for said Invention, and for perfecting, recording, or maintaining the title of Assignee, its successors and assigns, to said Invention, said application, and any Patents granted for said Invention in the United States and throughout the world.

I hereby covenant that no assignment, sale, license, agreement, or encumbrance has been or will be made or entered into that would conflict with this Assignment.

I authorize and request the Director of the United States Patent and Trademark Office and agencies, departments, or other similar offices and officials of all foreign countries to issue any Patents granted for said Invention, whether on said application or on any subsequently filed divisional, continuation, continuation-in-part, reexamination, reissue or other application, to Assignee, its successors and assigns, as the assignee of the entire interest in said Invention.

Executed on February 13, 2013 by Olivier Citti  
Olivier Citti  
Witnessed on February 13, 2013 by Rory Bahr  
Non-inventor Witness Signature

Executed on February 13, 2013 by J.F.  
Julien P. Fourcade  
Witnessed on February 13, 2013 by W. O.  
Non-inventor Witness Signature

Executed on February 15, 2013 by Andrea L. Kazmierczak  
Andrea L. Kazmierczak  
Witnessed on February 15, 2013 by Non-inventor Witness  
Non-inventor Witness Signature