

## PATENT ASSIGNMENT

Electronic Version v1.1

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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>Guan Wang</td> <td>07/12/2012</td> </tr> <tr> <td>Vimal K. Pujari</td> <td>08/31/2012</td> </tr> <tr> <td>Yves Boussant-Roux</td> <td>07/12/2012</td> </tr> </tbody> </table>		Name	Execution Date	Guan Wang	07/12/2012	Vimal K. Pujari	08/31/2012	Yves Boussant-Roux	07/12/2012
Name	Execution Date								
Guan Wang	07/12/2012								
Vimal K. Pujari	08/31/2012								
Yves Boussant-Roux	07/12/2012								
RECEIVING PARTY DATA									
Name:	SAINT-GOBAIN CERAMICS & PLASTICS, INC.								
Street Address:	One New Bond Street								
City:	Worcester								
State/Country:	MASSACHUSETTS								
Postal Code:	01615-0138								
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>13539369</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13539369				
Property Type	Number								
Application Number:	13539369								
CORRESPONDENCE DATA									
Fax Number:	5127957677								
Phone:	512-900-8500								
Email:	mail@abel-ip.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	Abel Law Group, LLP								
Address Line 1:	7300 FM 2222								
Address Line 2:	Bldg. 1, Suite 210								
Address Line 4:	Austin, TEXAS 78730								
ATTORNEY DOCKET NUMBER:	1035-A20282-US								
NAME OF SUBMITTER:	Jeffrey S. Abel								
<p>Total Attachments: 4</p> <p>source=A20282-US_Executed_Assignment#page1.tif</p> <p>source=A20282-US_Executed_Assignment#page2.tif</p> <p>source=A20282-US_Executed_Assignment#page3.tif</p> <p>source=A20282-US_Executed_Assignment#page4.tif</p>									

CH \$40.00 13539369

**ASSIGNMENT OF INVENTION**

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

Guan Wang of Worcester, MA 01606, USA

Vimal K. Pujari of Northborough, MA 01532, USA

Yves Boussant-Roux of Avignon, 86160, FR

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.: 13/539,369, filed on June 30, 2012, or
- International Application No.: PCT/\_\_\_\_\_, filed on \_\_\_\_\_.

ENTITLED: **ABRASIVE ARTICLES INCLUDING ABRASIVE PARTICLES OF SILICON NITRIDE**, and naming as

INVENTOR(S): Guan Wang; Vimal K. Pujari and Yves Boussant-Roux.

("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.

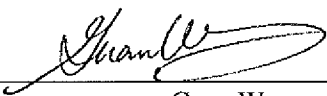
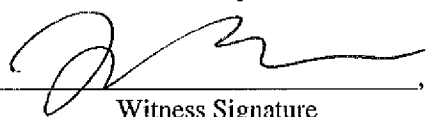
To comply with 37 C.F.R. § 3.21 for recording this Assignment, I authorize and request that the application number and filing date be inserted here, if not already shown above, ( / \_\_\_\_\_, filed \_\_\_\_\_) when they become known.

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

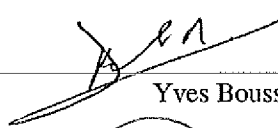
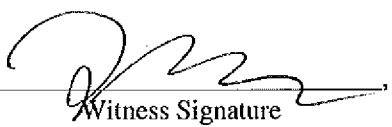
I agree that, upon request and without further compensation, but at no expense to me, I and/or my legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing 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 July 12<sup>th</sup>, 20012 by   
Guan Wang  
Witnessed on 07-12, 20012 by   
Witness Signature

Executed on \_\_\_\_\_, 200\_\_ by \_\_\_\_\_  
Vimal K. Pujari  
Witnessed on \_\_\_\_\_, 200\_\_ by \_\_\_\_\_  
Witness Signature

Executed on July 12<sup>th</sup>, 20012 by   
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Witnessed on 07-12, 20012 by   
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Executed on _____, 200__ by _____ Guan Wang
Witnessed on _____, 200__ by _____ Witness Signature

Executed on <u>Aug. 31</u> , <sup>NO</sup> <u>2012</u> by <u>V.K. Pujari</u> Vimal K. Pujari
Witnessed on <u>August 31</u> , <sup>NO</sup> <u>2012</u> by <u>Huggy J. Wayma</u> Witness Signature

Executed on _____, 200__ by _____ Yves Boussant-Roux
Witnessed on _____, 200__ by _____ Witness Signature