

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Emmanuel C. Francois	02/17/2010
Guohua Zhang	01/28/2010
Michael W. Klett	04/12/2010

**RECEIVING PARTY DATA**

Name:	Saint-Gobain Abrasives, Inc.
Street Address:	1 New Bond Street
City:	Worcester
State/Country:	MASSACHUSETTS
Postal Code:	01615

Name:	Saint-Gobain Abrasifs
Street Address:	Rue de l'Ambassadeur
City:	Conflans Sainte Honorine
State/Country:	FRANCE
Postal Code:	78700

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12645817

**CORRESPONDENCE DATA**

Fax Number: (781)863-9931  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Phone: 781-863-9991  
 Email: cristina.taylor@ghme.com  
 Correspondent Name: Anabela Cristina Taylor  
 Address Line 1: Houston Eliseeva LLP  
 Address Line 2: 4 Militia Drive, Suite 4

CH \$40.00 12645817

Address Line 4: Lexington, MASSACHUSETTS 02421

ATTORNEY DOCKET NUMBER: 01310003US1

NAME OF SUBMITTER: Anabela Cristina Taylor

**Total Attachments: 9**

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**ASSIGNMENT**

Whereas we, the undersigned,

**Emmanuel C. Francois**, a citizen of France, residing at 32 Greenland Road, Sterling, MA 01564, USA;

**Guohua Zhang**, a citizen of China, residing at 21 Lexington Road, Northborough, MA 01532, USA;

**Michael W. Klett**, a citizen of the United States, residing at 166 Britney Drive, Holden, MA 01520, USA;

hereby have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled

**Reinforced Bonded Abrasive Tools**

identified as Attorney Docket No. **0131.0003US1 (BO-5102)**, which application was filed on **December 23, 2009**, and assigned Application No. **12/645,817**; and

Whereas, **Saint-Gobain Abrasives, Inc.**, having an office and a place of business at 1 New Bond Street, Worcester, MA 01615, and **Saint-Gobain Abrasifs**, having an office and place of business at Rue de l'Ambassadeur, 78700 Conflans Sainte Honorine, France, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

Now, therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, reissue and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, together with the right of priority of earlier-filed U.S. Provisional Application No. **61/141,429**, filed on **December 30, 2008**, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

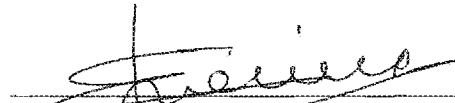
3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

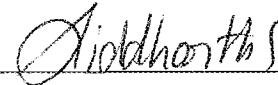
5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have executed this Assignment on the date indicated next to our name.

Dated: 02/17/10

  
Emmanuel C. Francois

I declare that I did see the above-named individual sign this document in my presence.

Witness: 

Date: 02/17/10

Dated: \_\_\_\_\_

\_\_\_\_\_  
Guohua Zhang

I declare that I did see the above-named individual sign this document in my presence.

Witness: \_\_\_\_\_

Date: \_\_\_\_\_

Dated: \_\_\_\_\_

\_\_\_\_\_  
Michael W. Klett

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**Reinforced Bonded Abrasive Tools**

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2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

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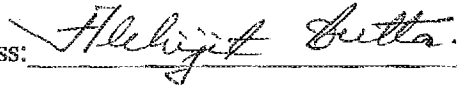
Witness: \_\_\_\_\_

Date: \_\_\_\_\_

Dated: 1/28/2010

  
**Guohua Zhang**

I declare that I did see the above-named individual sign this document in my presence.

Witness: 

Date: 1/28/2010

Dated: \_\_\_\_\_

\_\_\_\_\_  
**Michael W. Klett**

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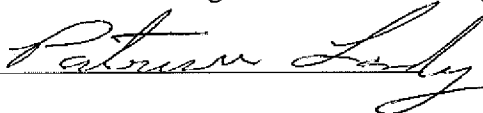
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Dated: 4/12/2010

  
**Michael W. Klett**

I declare that I did see the above-named individual sign this document in my presence.

Witness: 

Date: \_\_\_\_\_

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