

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Emmanuel C. Francois	10/07/2010
Konstantin S. Zuyev	09/01/2010
Muthu Jeevanantham	08/27/2010
Anne M. Bonner	08/23/2010
Michael W. Klett	09/28/2010
Dean S. Matsumoto	09/28/2010

RECEIVING PARTY DATA

Name:	SAINT-GOBAIN ABRASIVES, INC.
Street Address:	One New Bond Street
City:	Worcester
State/Country:	MASSACHUSETTS
Postal Code:	01615-0138

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:	12849674

CORRESPONDENCE DATA

Fax Number: (512)439-7199

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Email: edougherty@LNAIlaw.com

Correspondent Name: LARSON NEWMAN & ABEL, LLP

CH \$40.00 12849674

501323396

PATENT
REEL: 025155 FRAME: 0692

Address Line 1: 5914 West Courtyard Drive, Suite 200
Address Line 4: Austin, TEXAS 78730

NAME OF SUBMITTER:

Ethan Schillinger

Total Attachments: 16

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Attorney Docket No.: 1035-BO6142-US

ASSIGNMENT OF INVENTION

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

Emmanuel C. Francois of ^{Stirling}~~Somerville~~, MA 01564 USA

Konstantin S. Zuyev of Grafton, MA 01536 USA

Muthu Jeevanantham of Worcester, MA 01606 USA

Anne M. Bonner of Nashua, NH 03062 USA

Michael W. Klett of Holden, MA 01520 USA

Dean S. Matsumoto of Worcester, MA 01606 USA

hereby sell, assign and transfer to

ASSIGNEE: SAINT-GOBAIN ABRASIVES, INC., a Massachusetts Corporation,
having a principal place of business at One New Bond Street,
Worcester, MA 01615-0138 USA,

and

SAINT-GOBAIN ABRASIFS, having a principal place of business at
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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.: 12/849,674, filed on August 3, 2010, or
☐ International Application No.: PCT/ _____, filed on _____.

ENTITLED: **ABRASIVE TOOL HAVING CONTROLLED POROSITY
DISTRIBUITION**, and naming as

INVENTOR(S): Emmanuel C. Francois, Konstantin S. Zuyev, Muthu Jeevanantham,
Anne M. Bonner, Michael W. Klett, and Dean S. Matsumoto.

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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.

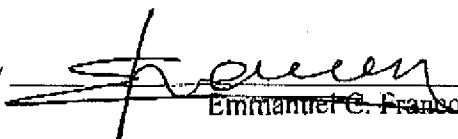
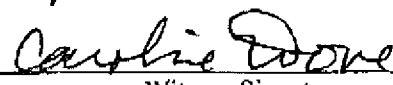
To comply with 37 C.F.R. § 3.21 for recording this Assignment, I authorize and request that the application number and filing date be inserted here, if not already shown above, (____/____, filed _____) when they become known.

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	<u>October 7th</u>	20 <u>10</u>	by	<u></u>	<u>Emmanuel C. Francois</u>
Witnessed on	<u>October 7th</u>	20 <u>10</u>	by	<u></u>	<u>Caroline Doone</u> Witness Signature

Executed on	_____	200	by	_____	<u>Konstantin S. Zuyev</u>
Witnessed on	_____	200	by	_____	<u>_____</u> Witness Signature

Executed on _____, 200__ by _____ Muthu Jeevanantham
Witnessed on _____, 200__ by _____ Witness Signature

Executed on _____, 200__ by _____ Anne M. Bonner
Witnessed on _____, 200__ by _____ Witness Signature

Executed on _____, 200__ by _____ Michael W. Klett
Witnessed on _____, 200__ by _____ Witness Signature

Executed on _____, 200__ by _____ Dean S. Matsumoto
Witnessed on _____, 200__ by _____ Witness Signature

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Michael W. Klett of Holden, MA 01520 USA

Dean S. Matsumoto of Worcester, MA 01606 USA

hereby sell, assign and transfer to

ASSIGNEE: SAINT-GOBAIN ABRASIVES, INC., a Massachusetts Corporation,
having a principal place of business at One New Bond Street,
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and

SAINT-GOBAIN ABRASIFS, having a principal place of business at
Rue de l'Ambassadeur, 78700 Conflans-Sainte-Honorine, FRANCE,

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- ☐ U.S. Patent Application executed on or about the date of this Assignment,
- ☐ U.S. Patent Application executed on _____,
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- ☒ U.S. Application No.: 12/849,674, filed on August 3, 2010, or
- ☐ International Application No.: PCT/_____, filed on _____.

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Executed on _____, 200__ by _____ Emmanuel C. Francois
Witnessed on _____, 200__ by _____ Witness Signature

Executed on <u>9/1</u> , 20 <u>10</u> by <u>K. Zuyev</u> Konstantin S. Zuyev
Witnessed on <u>LEO KIVANITSA</u> , 20 <u>10</u> by <u>Leo Kivnitsa</u> Witness Signature

Executed on _____, 200__ by _____,
Muthu Jeevanantham

Witnessed on _____, 200__ by _____,
Witness Signature

Executed on _____, 200__ by _____,
Anne M. Bonner


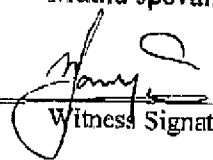
Witnessed on _____, 200__ by _____,
Witness Signature

Executed on _____, 200__ by _____,
Michael W. Klett

Witnessed on _____, 200__ by _____,
Witness Signature

Executed on _____, 200__ by _____,
Dean S. Matsumoto

Witnessed on _____, 200__ by _____,
Witness Signature

Executed on 08/27/2010, 2010 by 
Muthu Jeevanantham
Witnessed on 08/27/2010, 2010 by 
Witness Signature

Executed on _____, 200__ by _____
Anne M. Bonner
Witnessed on _____, 200__ by _____
Witness Signature

Executed on _____, 200__ by _____
Michael W. Klett
Witnessed on _____, 200__ by _____
Witness Signature

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Dean S. Matsumoto
Witnessed on _____, 200__ by _____
Witness Signature

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Witnessed on _____, 200__ by _____ Witness Signature

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Witnessed on _____, 200__ by _____ Witness Signature

Executed on _____, 200__ by _____
Muthu Jeevanantham

Witnessed on _____, 200__ by _____
Witness Signature

Executed on 23 August, ²⁰¹⁰~~200~~ by Anne M. Bonner
Anne M. Bonner

Witnessed on 23 August, ²⁰¹⁰~~200~~ by [Signature]
Witness Signature

Executed on _____, 200__ by _____
Michael W. Klett

Witnessed on _____, 200__ by _____
Witness Signature

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Executed on _____, 200__ by _____
Muthu Jeevanantham

Witnessed on _____, 200__ by _____
Witness Signature

Executed on _____, 200__ by _____
Anne M. Bonner

Witnessed on _____, 200__ by _____
Witness Signature

Executed on 9-28, 20010 by Michael W. Klett
Michael W. Klett

Witnessed on 9/28, 20010 by Patricia L. Luby
Witness Signature

Executed on _____, 200__ by _____
Dean S. Matsumoto

Witnessed on _____, 200__ by _____
Witness Signature

Attorney Docket No.: 1035-BO6142-US

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Michael W. Klett

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Witness Signature

Executed on September 28, 2010 by Dean S. Matsumoto
Dean S. Matsumoto

Witnessed on September 28, 2010 by Kelley McNeal
Witness Signature