

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Jianhui Wu	10/24/2008
Richard W. Hall	10/27/2008
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:	12257264
CORRESPONDENCE DATA	
Fax Number:	(512)439-7199
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Email:	edougherty@larsonnewman.com
Correspondent Name:	LARSON NEWMAN ABEL POLANSKY & WHITE, LLP
Address Line 1:	5914 West Courtyard Drive, Suite 200
Address Line 4:	Austin, TEXAS 78730
ATTORNEY DOCKET NUMBER:	BD5040

CH \$40.00 12257264

NAME OF SUBMITTER:

Ethan Schillinger

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,

Jianhui Wu of Worcester, MA 01605 USA

Richard W. Hall of Southborough, MA 01772 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 Rue de l'Ambassadeur, 78700 Conflans-Sainte-Honorine, FRANCE,

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.: 12/257,264, filed on October 23, 2008, or
- International Application No.: PCT/ _____, filed on _____.

ENTITLED: **A CHEMICAL MECHANICAL PLANARIZATION PAD CONDITIONER AND METHODS OF FORMING THEREOF,** and naming as

INVENTOR(S): Jianhui Wu, and Richard W. Hall.

("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.

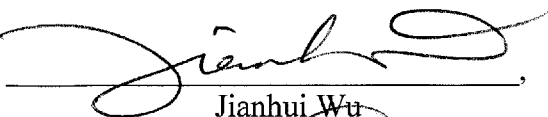
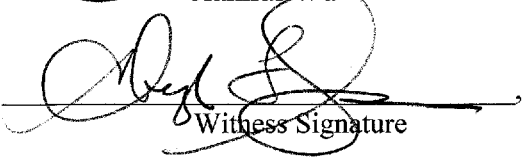
To comply with 37 C.F.R. § 3.21 for recording this Assignment, I authorize and request that the application number and filing date be inserted here, if not already shown above, (_____/_____, filed _____) when they become known.

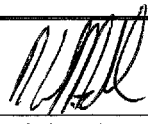
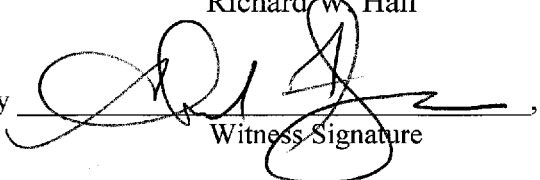
I authorize Assignee to apply for patents in foreign countries for said Invention, and to claim all rights of priority without further authorization from me.

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 Oct. 24, 2008 by 
Jianhui Wu
Witnessed on Oct 24, 2008 by 
Witness Signature

Executed on 27 OCT., 2008 by 
Richard W. Hall
Witnessed on 27 OCT, 2008 by 
Witness Signature