# 502727035 03/18/2014

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2773641

| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

#### **CONVEYING PARTY DATA**

| Name                | Execution Date |
|---------------------|----------------|
| SRINIVASAN RAMANATH | 02/12/2014     |
| KENNETH A. SAUCIER  | 03/08/2014     |
| LENNY C. SALES      | 02/11/2014     |
| MARC A. LAMOUREUX   | 02/12/2014     |
| MATTHEW F. JACOB    | 02/12/2014     |
| CONG WANG           | 02/12/2014     |

#### **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                      |
| Name:<br>Street Address: | SAINT-GOBAIN ABRASIFS Rue de l'Ambassadeur |
|                          |  |
| Street Address:          | Rue de l'Ambassadeur                       |

## **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |  |  |
|---------------------|----------|--|--|
| Application Number: | 14143306 |  |  |

## CORRESPONDENCE DATA

**Fax Number:** (512)795-7677

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502727035 PATENT REEL: 032466 FRAME: 0210

| BD-23009-US                                      |  |  |  |  |
|--|--|--|--|--|
| JEFFREY S. ABEL                                  |  |  |  |  |
| /Jeffrey S. Abel/                                |  |  |  |  |
| 03/18/2014                                       |  |  |  |  |
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PATENT REEL: 032466 FRAME: 0211

Attorney Docket No.: BD-23009-US

#### ASSIGNMENT OF INVENTION

| For   | good   | and   | valuable  | consideration, | the | receipt | of | which | is | hereby | acknowledged, |
|-------|--------|-------|-----------|----------------|-----|---------|----|-------|----|--------|---------------|
| I, an | Assign | or na | med below | ,              |     |         |    |       |    |        |               |

Srinivasan Ramanath of Holden, MA 01520 USA

Kenneth A. Saucier of Leicester, MA 01524 USA

Rachana Upadhyay of Shrewsbury, MA 01545 USA

Lenny C. Sales of Carol Stream, IL 60188 USA

Marc A. Lamoureux of Leicester, MA 01524 USA

Matthew F. Jacob of Jefferson, MA 01522 USA

Cong Wang of Evanston, IL 60201 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:

|                 | pplication executed on or a       | about the date of this Assign    | nent,        |
|-----------------|-----------------------------------|----------------------------------|--------------|
|                 | nal Application                   |                                  | <del>,</del> |
|                 |                                   | on <u>December 30, 2013</u> , or |              |
| ☐ International | Application No.: PCT/             | , filed on                       |              |
| ENTITLED:       | BONDED ABRASIVE A , and naming as | ARTICLE AND METHOD               | OF GRINDING  |

INVENTOR(S): Srinivasan Ramanath, Kenneth A. Saucier, Rachana Upadhyay, Lenny C. Sales, Marc A. Lamoureux, Matthew F. Jacob, and Cong Wang.

("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

**REEL: 032466 FRAME: 0212** 

| 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   |
| 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 Feb. 12, 2014 by Aunabase.  Srimivasan Ramanath  Witnessed on Feb. 12, 2014 by Son-inventor Witness Signature   |
|   |

- Page 2 of 4 -

\_\_\_\_\_, 201\_\_\_\_ by \_\_\_\_\_\_Non-inventor Witness Signature

Executed on \_\_\_\_\_\_\_, 201\_\_\_\_\_ by \_\_\_\_\_\_ Kenneth A. Saucier

Attorney Docket No.: BD-23009-US

| 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,  |
| 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   |
| Witnessed on, 201 by, Non-inventor Witness Signature  |
| Executed on March 3 <sup>TH</sup> , 201 4 by Lameth A. Saucer, Kenneth A. Saucer  |
| Witnessed on MARCH 8 <sup>Th</sup> , 2014 by Joseph Menary, Non-inventor Witness Signature  |

- Page 2 of 4 -

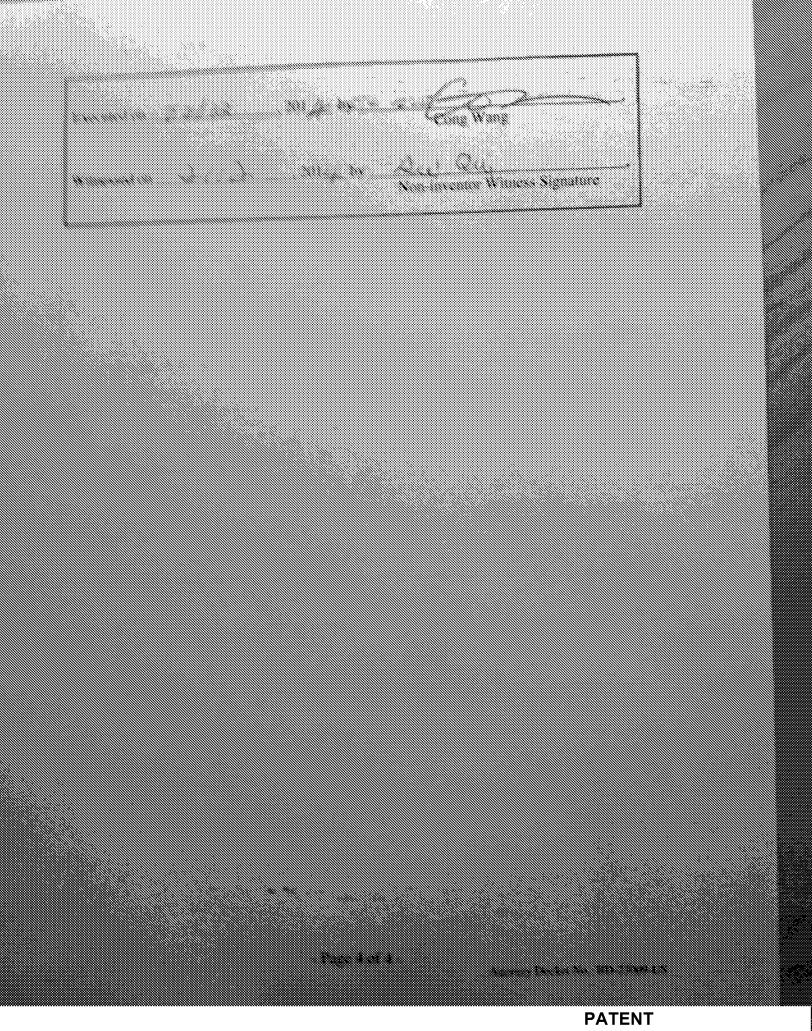
Attorney Docket No.: BD-23009-US

| Executed on                 | , 201             | by_    | Rachana Upadhyay   |
|-----------------------------|-------------------|--------|--|
| Witnessed on                | , 201_            | by     | Non-inventor Witness Signature   |
|                             | WAY FOR DOCUMENTS |        | i.   |
| Executed on Feb 11 +4       | _, 201 <u></u> ∠, | by     | Lenny C. Sales  U. J.  Mon-inventor Witness Signature  |
| Witnessed on <u>2/11/14</u> | , 201             | by _   | W. J. Non-inventor Witness Signature   |
|                             | -                 |        |  |
| Executed on                 | _, 201            | by     | Marc A. Lamoureux  |
|                             |                   |        | A CONTRACTOR OF THE CONTRACTOR |
| Witnessed on                | , 201             | by _   | Non-inventor Witness Signature   |
|                             |                   |        | Non-inventor Witness Signature   |
|                             |                   |        |  |
| Executed on                 | _, 201            | by     | ,  |
|                             |                   |        | Matthew F. Jacob   |
| Witnessed on                | , 201             | _ by _ |  |
|                             |                   |        | Non-inventor Witness Signature   |

**REEL: 032466 FRAME: 0215** 

| Executed on                        | _, 201 t               | PyRachana Upadhyay  |
|------------------------------------|------------------------|---|
| Witnessed on                       |                        | byNon-inventor Witness Signature  |
|                                    |                        |   |
| Executed on                        | 201 t                  | Lenny C. Sales  |
| Witnessed on                       | 201                    | byNon-inventor Witness Signature  |
|                                    |                        |   |
|                                    |                        |   |
| Executed on                        | ., 201 <u>4</u> 1      | oy Mars A. Lamoureux  |
| Executed on 2-12 Witnessed on 2-12 | ., 201 <u></u>         | Marc A. Lamoureux  by  Non-inventor Witness Signature                   |
| Executed on                        | , 201 <del>'</del> ∕ 1 | Marc A. Lamoureus  by  Non-inventor Witness Signature                   |
| Witnessed on 2-12                  | , 20 € 5               | Marc A. Lamoureux  by  Non-inventor Witness Signature  Matthew F. Jacob |

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|----------------------------|---|---|---|
| Executed on                | 201                                     | _ by                                    | Rachana Upadhyay  |
| Witnessed on               | , 201_                                  | by                                      | Non-inventor Witness Signature  |
| <b>.</b>                   |   |   |   |
|                            |   |   | Lenny C. Sales  |
| Witnessed on               |   |   | Non-inventor Witness Signature  |
|                            | *************************************** |   |   |
| Executed on                | 201                                     | . by                                    | Marc A. Lamoureux   |
|                            |   |   | Non-inventor Witness Signature  |
|                            |   |   |   |
| Executed on 4 12           | , 201 4                                 | by 🚄                                    | Matthew F. Jacob  |
| Witnessed on <u>Fel</u> 12 | , 201_                                  | <u></u> by                              | Non-inventor Witness Signature  |



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