

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT6326927

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| JI XIAO | 07/08/2020 |
| AIYUN LUO | 08/05/2020 |
| GWENAËLLE RINGENBACH | 08/25/2020 |
| IGNAZIO GOSAMO | 08/25/2020 |
| LISE LAUVERGEON | 08/25/2020 |
| 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: 2 | |
| Property Type | Number |
| Application Number: | 16914004 |
| PCT Number: | US2039956 |
| CORRESPONDENCE DATA | |
| Fax Number: | (512)795-7677 |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> | |
| Phone: | 512-900-8500 |
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| Address Line 1: | 5929 BALCONES DRIVE |
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PATENT

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|---|---------------|
| ATTORNEY DOCKET NUMBER: | 14-F-0739US01 |
| NAME OF SUBMITTER: | HOLLI OTIS |
| SIGNATURE: | /HOLLI OTIS/ |
| DATE SIGNED: | 09/30/2020 |
| Total Attachments: 4 source=14-F-0739US01_Executed_Assignment#page1.tif source=14-F-0739US01_Executed_Assignment#page2.tif source=14-F-0739US01_Executed_Assignment#page3.tif source=14-F-0739US01_Executed_Assignment#page4.tif | |

ASSIGNMENT OF INVENTION

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

Ji XIAO of Shanghai, 200245 China

Aiyun LUO of Shanghai, 200245 China

Gwenaëlle RINGENBACH of Florange, 57190 France

Ignazio GOSAMO of Léglise, B-6860 Belgium

Lise LAUVERGEON of Bascharage, L4930 Luxembourg

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 UNITED STATES OF AMERICA,

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.: 16914004, filed on June 26, 2020,
- ☒ Chinese Application No.: CN 201910584014.5 filed on June 28, 2019, or
- ☒ International Application No.: PCT/US2020/39956, filed on June 26, 2020.

ENTITLED: **ABRASIVE ARTICLE AND METHOD OF FORMING**, and naming as

INVENTOR(S): Ji XIAO, Aiyun LUO, Gwenaëlle RINGENBACH, Ignazio GOSAMO, Lise LAUVERGEON.

("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.

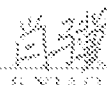
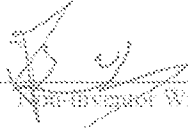
To comply with 37 C.F.R. § 3.21 for recording this Assignment, I authorize and request that the application number and filing date be inscribed here, if not already shown above, (____/____, filed _____) when they become known.

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.

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|--------------|----------|------|--------------------------------|--|
| Executed on | 08, July | 2010 | by |  |
| | | | H. XIAO | |
| Witnessed on | 08, July | 2010 | by |  |
| | | | Non-Inventor Witness Signature | |

| | | | | |
|--------------|--|-----|--------------------------------|--|
| Executed on | | 201 | by | |
| | | | Aiyao LUO | |
| Witnessed on | | 201 | by | |
| | | | Non-Inventor Witness Signature | |

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.

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Executed on _____, 202__ by _____
Ji XIAO

Witnessed on _____, 202__ by _____
Non-inventor Witness Signature

Executed on Aug. 5, 2020 by Aiyun Luo
Aiyun LUO

Witnessed on Aug 5, 2020 by _____
Non-inventor Witness Signature

Executed on 25/08, 2020 by Ringenbach
Gwenaëlle RINGENBACH
Witnessed on V. HAYS, 2020 by V. HAYS
Non-inventor Witness Signature
Luxemburg 25 08

Executed on 25/08, 2020 by Ignazio GOSAMO
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Executed on 25/08, 2020 by Lise LAUVERGEON
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