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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JI XIAO	02/02/2018
AIYUN LUO	02/02/2018
IGNAZIO GOSAMO	01/10/2018
VIVIAN SUSEK	01/10/2018

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:	15849270

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ATTORNEY DOCKET NUMBER: 16-F-0487US02

PATENT 504831672 REEL: 045664 FRAME: 0473

NAME OF SUBMITTER:	ALEKS KOCHAN		
SIGNATURE: /Aleks Kochan/			
DATE SIGNED: 03/22/2018			
Total Attachments: 3			
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> PATENT REEL: 045664 FRAME: 0474

Attorney Docket No.: 16-F-0487US02

ASSIGNMENT OF INVENTION

For	good	and	valuable	consideration,	the	receipt	of	which	is	hereby	acknowledged.
I, an	ASSIC	NOR	named be	low,							

Ji XIAO of Shanghai, CN

Aiyun LUO of Shanghai, CN

Ignazio GOSAMO of Léglise, BE

Vivian SUSEK of Metz, FR

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, Conflans-Sainte-Honorine, 78700 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:

	Application executed on or about the date of this Assignment,
U.S. Patent A	Application executed on,
U.S. Provision	onal Application, filed on,
U.S. Applica	ation No.: 15/849,270, filed on December 20, 2017, or
International	Application No.: PCT/, filed on
ENTITLED:	PROCESS OF FORMING AN ABRASIVE ARTICLE, and naming
	äs

INVENTOR(S): Ji XIAO, Aiyun LUO, Ignazio GOSAMO, Vivian SUSEK.

("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 rec	ordi	ng this As	ssignme	nt, l	auth	orize and	request	that the
application	number	and	filing	date	be	inserted	here,	if	not	already	shown	above,
(<u> </u>	وسنستني	filed	فنمينينس بنينين) when	they	beca	me know	n.	

- Page 1 of 3 -

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		, 201 <u>8</u> by	<u> </u>	
Executed on	02/02	, 201 <u>0</u> by	Ji XIAO	
Witnessed on _	02/02	, 201 & by	Z01/2	<u>.</u>
	•	***************************************	Non-inventor Witness Signature	

Executed on	02/02	, 201 <u>&</u> by	罗度方	
100 100 100 100 100 100 100 100 100 100			Afyun LUO	
Witnessed on _	02/02	201 <u></u> by	34 m	
			Non-inventor Witness Signature	×.

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Executed on An January	, 201 by	Henazio GOSAMO
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Executed on <u>10 Spuniory</u>	, 201 <u>&</u> by	Vivian SUSEK
Witnessed on 10 Januar	, 201 <u>%</u> by	Non-inventor Witness Signature