504131544 12/15/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LOUIS PERNA	11/14/2016

RECEIVING PARTY DATA

Name:	SAINT-GOBAIN CERAMICS & PLASTICS, INC.
Street Address:	ONE NEW BOND STREET
City:	WORCESTER
State/Country:	MASSACHUSETTS
Postal Code:	01615

PROPERTY NUMBERS Total: 1

Property Type	Number				
Application Number:	15248831				

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NAME OF SUBMITTER:	JENNY K. PRIMROSE
SIGNATURE:	/Jenny K. Primrose/
DATE SIGNED:	12/15/2016

Total Attachments: 2

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PATENT REEL: 040961 FRAME: 0721 504131544

Attorney Docket No.: BI-24217-US2

ASSIGNMENT OF INVENTION

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

Louis Perna of Elyria, OH US

hereby sell, assign and transfer to

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SAINT-GOBAIN CERAMICS & PLASTICS, INC., a Delaware

Corporation, having a principal place of business at One New Bond

Street, Worcester, MA, 01615, United States of America,

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:

inciuding all rights	to claim priority, in and to the invention disclosed in:	
U.S. Patent A U.S. Provision U.S. Applicati U.S. Applicati	oplication executed on or about the date of this Assign oplication executed on, all Application 61944951, filed on February 26, 2014, on No.: 14631274, filed on February 25, 2015, on No.: 15248831, filed on August 26, 2016, or Application No.: PCT/US2015/017501, filed on Febru	
ENTITLED:	SCINTILLATOR ARRAY AND METHODS OF I SCINTILLATOR ARRAY AND A RADIATION I naming as	FORMING A
INVENTOR(S):	Louis Perna	.007 -

("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	l auth	orize and	request	that the
application	number	and	filing	date	be	inserted	here,	if	not	already	shown	above,
(, filed) when	they	/ beco	me know	n.	

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	11//4	
		Louis Perna
Witnessed on	11/14	
		Non-inventor Witness Signature
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