

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SAINT-GOBAIN CRISTAUX DETECTEURS	09/21/2011

RECEIVING PARTY DATA

Name:	SAINT-GOBAIN CERAMICS & PLASTICS, INC.
Street Address:	One New Bond Street
City:	Worcester
State/Country:	MASSACHUSETTS
Postal Code:	01615-0138

PROPERTY NUMBERS Total: 12

Property Type	Number
Application Number:	61141577
Application Number:	12142705
Application Number:	61141580
Application Number:	13142748
Application Number:	61141564
Application Number:	13142756
Application Number:	61141570
Application Number:	13142763
PCT Number:	US0969532
PCT Number:	US0969533
PCT Number:	US0969538
PCT Number:	US0969539

CORRESPONDENCE DATA

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NAME OF SUBMITTER:

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Total Attachments: 3

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ASSIGNMENT OF INVENTION

This Agreement is made and entered into this 29th day of June 2011 ("Effective Date") between SAINT-GOBAIN CRISTAUX ET DETECTEURS, having an office at 18 Avenue d'Alsace, 92400 Courbevoie, FRANCE ("SGCD") and SAINT-GOBAIN CERAMICS & PLASTICS, INC., a Delaware Corporation, having an office at One New Bond Street, Worcester, MA 01615-0138 ("SGCP").

WHEREAS, SGCD owns particular patent applications that SGCD desires to assign to SGCP; and

WHEREAS, SGCP desires to be assigned such patent applications and be solely responsible for prosecution of such patent applications and for maintaining, defending, and enforcing any patents that are granted from such patent applications, and for any application filings claiming priority to such patent applications.

THEREFORE, in consideration of the rights and obligations of the parties, and for other good and valuable consideration, SGCD and SGCP agree as follows:

SGCD hereby sells, assigns, and transfers to SGCP its successors, assigns and legal representatives, its entire right, title and interest throughout the world, including all rights to claim priority, in and to the inventions disclosed in the applications as listed in Appendix A attached hereto, 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 inventions, including divisions, continuations, continuations-in-part, renewals, utility models, invention certificates, invention registrations, substitutes and extensions thereof, and in and to any and all patents, utility models, invention certificates, and invention registrations of every country or region that may be granted or have been granted for said inventions, including any reissues and reexaminations thereof.

SGCD authorizes SGCP to apply for patents of foreign countries for said inventions, and to claim all rights of priority without further authorization from SGCD.

SGCD agrees to execute any and all papers useful in connection with any and all United States and foreign applications (including international, regional, and foreign national applications), and generally to do everything reasonably possible to aid SGCP, its successors, assigns and nominees, at their request and reasonable expense, in obtaining, maintaining, defending, and enforcing patents utility models, invention certificates, and invention registrations for said inventions in all countries.

SGCD hereby covenants that no assignment, sale, license, agreement, or encumbrance has been or will be made or entered into that would conflict with this Assignment.

SGCD authorizes and requests the Director of the U.S. Patent and Trademark Office to issue any U.S. Letters Patent that may be granted for said inventions to SGCP, its successors or assigns.

SGCD agrees that SGCP has sole control regarding filing and prosecuting applications and maintaining, defending, and enforcing of any patents, utility models, invention certificates, invention registrations, and the like.

SGCP agrees that it will solely be responsible for all fees and costs associated with the filing and prosecuting applications and maintaining, defending, and enforcing of any patents, utility models, invention certificates, invention registrations, and the like.

This Agreement, including the Appendix A, constitute the entire agreement between the parties hereto with respect to the subject matter hereof and thereof and supersede all prior agreements and understandings, whether written or oral, between the parties in connection with such subject matter.

If any provision of this Agreement shall be determined invalid or otherwise unenforceable in whole or in part, such provision will be deemed surplus, and to the extent not so determined to be invalid or unenforceable, each provision shall remain in full force and effect.

This Agreement shall be governed by and construed under the Law of the State of Massachusetts, U.S.A.

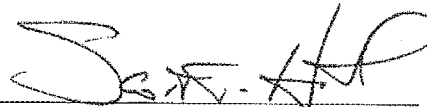
IN WITNESS WHEREOF the parties have executed this Agreement.

SAINT-GOBAIN
CRISTAUX ET DETECTEURS

SAINT-GOBAIN
CERAMICS & PLASTICS, INC.



Authorized Signature



Authorized Signature

Date: 21.9.2011

Date: 21/9/11

Name: Jean-Luc Allain

Name: Scott T. Huth

Title: Director

Title: General Manager, Crystals

APPENDIX A

Attorney Docket No.	Application No.	Filing Date	Title
1035-BI4704	61/141,577	30-Dec-2008	Scintillation Device and Method of Producing a Ceramic Scintillator Body
1035-BI4704-PCT	PCT/US2009/069532	24-Dec-2009	Scintillation Device and Method of Producing a Ceramic Scintillator Body
1035-BI4704-US	12/142,705	29-Jun-2011	Scintillation Device and Method of Producing a Ceramic Scintillator Body
1035-BI4819	61/141,580	30-Dec-2008	Scintillation Device and Method of Producing a Ceramic Scintillator Body
1035-BI4819-PCT	PCT/US2009/069533	24-Dec-2009	Scintillation Device and Method of Producing a Ceramic Scintillator Body
1035-BI4819-US	13/142,748	29-Jun-2011	Scintillation Device and Method of Producing a Ceramic Scintillator Body
1035-BI4947	61/141,564	30-Dec-2008	Ceramic Scintillator Body and Scintillation Device
1035-BI4947-PCT	PCT/US2009/069538	24-Dec-2009	Ceramic Scintillator Body and Scintillation Device
1035-BI4947-US	13/142,756	29-Jun-2011	Ceramic Scintillator Body and Scintillation Device
1035-BI5047	61/141,570	30-Dec-2008	Ceramic Scintillator Body and Scintillation Device
1035-BI5047-PCT	PCT/US2009/069539	24-Dec-2009	Ceramic Scintillator Body and Scintillation Device
1035-BI5047-US	13/142,763	29-Jun-2011	Ceramic Scintillator Body and Scintillation Device