Pocket No.: 49520 05-17-2000 FORM PTO-1595 (Modified) RI U.S. DEPARTMENT OF COMMERCE (Rev. 6-93) Patent and Trademark Office OMB No. 0651-0011 (exp.4/94) 5.12.00 Copyright 1996-97 LegaiStar P08A/REV02 101359594 Tab settings -Kademarks: Please record the attached original documents or copy thereof. To the Honorable Commissioner of Patent Pane 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): MAY 1 2 2000 Craig A. Willkens Name: Saint-Gobain Industrial Ceramics, Inc. Address: One New Bond Street ☐ Yes 🖾 No Additional names(s) of conveying party(ies) 3. Nature of conveyance: Assignment Merger City: Worcester State/Prov.: MA ☐ Change of Name ☐ Security Agreement Country: U.S.A. ZIP: 01615-0137 Other _ Execution Date: April 18, 2000 No 🖾 ☐ Yes Additional name(s) & address(es) Application number(s) or registration numbers(s): If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) Filing date Patent Application No. January 25, 2000 09/491,170 05/15/2000 TLUU11 00000071 09491170 01 FC:581 40.00 OP ☐ Yes 🔼 No Additional numbers 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Peter F. Corless 7. Total fee (37 CFR 3.41):....\$ 40.00 Name: Enclosed - Any excess or insufficiency should be Registration No. 33,860 credited or debited to deposit account Address: Dike, Bronstein, Roberts & Cushman, LLP ☐ Authorized to be charged to deposit account 130 Water Street 8. Deposit account number: Boston State/Prov.: MA City: _ 04-1105 Country: U.S.A. ZIP: 02109 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Peter F. Corless Dáte Signature Name of Person Signing

Total number of pages including cover sheet, attachments, and

REEL: 010784 FRAME: 0001



Docket No.: E-3932

ASSIGNMENT OF PATENT RIGHTS

WHEREAS the undersigned inventor/s, Craig A. Willkens of Sterling, Massachusetts, James M. Olson of Windham, New Hampshire and Scott M. Hamel of Wilton, New Hampshire has/have made an invention described and set forth in an application for U.S. LETTERS PATENT identified by SAINT-GOBAIN INDUSTRIAL CERAMICS, INC. docket no. E-3932 entitled CERAMIC IGNITERS AND METHODS FOR USING AND PRODUCING SAME and executed prior to or contemporaneously with this Assignment, and

WHEREAS SAINT-GOBAIN INDUSTRIAL CERAMICS, INC., a corporation duly organized and existing under the laws of the State of Delaware and having its principal place of business at Worcester, Massachusetts, is desirous of acquiring the entire right, title, and interest in and to said application and the invention described therein and in and to any and all LETTERS PATENT that may be issued thereon in the UNITED STATES OF AMERICA and in any foreign country:

NOW THEREFORE, in consideration of the sum of one dollar and other valuable considerations, receipt of which is hereby acknowledged, the undersigned inventor/s hereby sell, assign, and transfer unto the said Saint-Gobain Industrial Ceramics, Inc. and its successors and assigns the entire right, title, and interests of said inventor/s in and to said application and the invention therein described, together with the entire right, title, and interest in and to all LETTERS PATENT, including reissues, divisions, renewals, continuations and continuations-in-part or other derived applications thereof which may be obtained in the UNITED STATES OF AMERICA upon said invention and the entire right, title, and interest in and to all applications for LETTERS PATENT in all countries foreign to the United States and all LETTERS PATENT issued thereon, including the right to claim for any corresponding foreign application the priority of the said application.

The undersigned inventor/s hereby authorize and request the COMMISSIONER OF PATENTS AND TRADEMARKS of the UNITED STATES of AMERICA and the corresponding officers of foreign governments to issue all LETTERS PATENT granted thereon in accordance with this assignment.

The undersigned inventor/s furthermore agree to sign all papers and do all reasonable acts necessary to obtain and defend such LETTERS PATENT and to vest the title thereto in the assignee named herein, but without expense to said inventor/s.

First inventor signature Craig A. Willkens

Witness (audyn) Sanderson Date 4/18/00

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Second inventor signature / C

James M. Olson

Third inventor signature

_____ Date/ 2-29-00 Witness./

> **PATENT REEL: 010784 FRAME: 0003**