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OMB No. 0651-0027 (exp. 6/30/2008)U.S. DEPARTMENT OF COMMERCE  
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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

John Stewart Reid

**2. Name and address of receiving party(ies)**Name: Saint-Gobain Ceramics & Plastics, Inc.Internal Address: Intellectual Property Law DepartmentAdditional name(s) of conveying party(ies) attached?  Yes  No**3. Nature of conveyance/Execution Date(s):**Execution Date(s) December 29, 2005

- Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

Street Address: One New Bond Street P O Box 15138City: WorcesterState: MACountry: USA Zip: 01615-0138Additional name(s) & address(es) attached?  Yes  No**4. Application or patent number(s):** This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

01/12/2006 DBYRNE 00000240 503736 11325825

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Additional numbers attached?  Yes  No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Thomas G. Field IIIInternal Address: Saint-Gobain Ceramics & Plastics, Inc.Street Address: One New Bond Street P O Box 15138City: WorcesterState: MA Zip: 01615-0138Phone Number: 508 795 5564Fax Number: 508 795 2653Email Address: thomas.g.field@saint-gobain.com**6. Total number of applications and patents involved:** 1**7. Total fee (37 CFR 1.21(h) & 3.41) \$** 40.00

- Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_b. Deposit Account Number 50-3736Authorized User Name Stewart A. Fraser**9. Signature:**Stewart A. Fraser  
SignatureJan. 5, 2006  
DateStewart A. Fraser  
Name of Person SigningTotal number of pages including cover  
sheet, attachments, and documents: 3Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450PATENT  
REEL: 017419 FRAME: 063611/325825  
010506

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, the undersigned, John Stewart Reid of 3296 Evergreen Drive, Wooster, Ohio 44691 ("Inventor(s)") who has/have created a certain invention for which a U.S. Patent Application has been

executed concurrently herewith  
 executed on \_\_\_\_\_  
 filed \_\_\_\_\_, and assigned Application Serial No. \_\_\_\_\_

and is entitled

### **Thermally Stable Ceramic Media for Use in High Temperature Environments**

hereby sell, assign and transfer to **Saint-Gobain Ceramics & Plastics, Inc.**, ("Assignee"), a corporation of the State of Delaware, having a place of business at **Saint-Gobain Ceramics & Plastics Inc., One New Bond Street, P O Box 15138, Worcester, MA 01615-0138**, its successors, assigns, nominees or other legal representatives, the full, exclusive, entire worldwide rights, title and interest in, to, and under said invention as described and claimed in said application, including any provisional application(s) from which it claims priority, the same to be held and enjoyed by Assignee for its own use and enjoyment, and for the use and enjoyment of its successors, assigns, nominees, or other legal representatives, to the end of the term or terms for which said Letters Patent are or may be granted, reissued, or extended, as fully and entirely as the same would have been held and enjoyed by Inventor(s) if this assignment and sale had not been made; all of the entire rights, title and interest in and to said invention and said application, and all original and reissued patents granted for said invention, and all divisions, reissues, continuations-in-part, and continuations of said application, including the subject matter of any and all claims which may be obtained in every patent, and the right, where such right can be legally exercised, in Assignee's own name to apply for and obtain patents in countries foreign to the United States, including the full right to claim for any such application the benefits of the International Convention and the Patent Cooperation Treaty as fully and entirely as Inventor(s) could have done if the foreign application had been filed in the names of the Inventor(s), and the entire interest in any Letters Patent which may be granted on any such application in such foreign countries, and Inventor(s) authorize(s) and request(s) the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States whose duty is to issue patents on applications as aforesaid, to issue the said Letters Patent to Assignee, its successors, assigns, nominees, or other legal representatives, as Assignee and owner of the said entire rights, and Inventor(s) covenant(s) that Inventor(s) has/have the full right to convey the said entire interest herein assigned and that Inventor(s) has/have not executed and will not execute any agreement in conflict herewith, and Inventor(s) will communicate to

Assignee, its successors, assigns, nominees, or other legal representatives all facts known to Inventor(s) respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, execute and deliver all divisional, continuing, and reissue applications, make all rightful oaths or declarations, and do all lawful acts requisite for the application for such divisional, continuing, or reissue applications, or the procuring thereof, and that if and when Assignee, its successors, assigns, nominees, or other legal representatives desire to file a disclaimer relating thereto, Inventor(s) will, upon request, sign and deliver all lawful papers requisite for the filing of such disclaimer; and

Inventor(s) further covenant(s) and agree(s) that Inventor(s) will, at any time upon request, do everything possible to aid Assignee, its successors, assigns, nominees, or other legal representatives, either in the name of Inventor(s) or Assignee, to apply for, obtain, and enforce proper patent protection for said invention in all countries, according to the International Convention and the Patent Cooperation Treaty, and all the laws and treaties in force, all without further consideration but at the expense of Assignee, its successors, assigns, nominees, or other legal representatives.

Signed at the City of Stow, State of Ohio on this 29th  
day of December, 2005.

  
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John Stewart Reid