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nal documents or copy thereof.

To the Honorable Commissioner of Patents and

## 1. Name of conveying party(ies):

Matthew A. Simpson  
Dominique Billieres  
Gérard Main  
Jean-Michel Drouin

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

## 2. Name and address of receiving party(ies):

Name: Saint-Gobain Ceramics & Plastics, Inc.

Internal Address: \_\_\_\_\_

Street Address: One New Bond StreetCity: Worcester State: MA ZIP: 01615-0137Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 3. Nature of Conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: February 15, 2002

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.: 10/044,744

B. Patent No.: \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name Jeffrey S. Abel  
Internal Address: Zagorin, O'Brien & Graham, L.L.P.  
Street Address: 401 West 15<sup>th</sup> Street, Suite 870  
City AUSTIN State TX ZIP 787016. Total number of applications and patents involved: 1

## 7. Total Fee (37 CFR 3.41):

\$ 40.00

- ☒ A check is enclosed for the Total Fee shown above  
☐ Please charge the Total Fee shown above to Deposit Account 50-0631  
☒ Authorized to charge additional fees to Deposit Account 50-0631

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## 8. 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.*Jeffrey S. Abel, Reg. No. 36,079  
Name of Person Signing  
Signature3/19/02  
DateTotal number of pages including cover sheet: 4

# **ASSIGNMENT OF INVENTION**

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

Matthew A. Simpson of Sudbury, MA

Dominique Billieres of Avignon, France

Gérard Main of Viroflay, France

Jean-Michel Drouin of Maisons Laffitte, France

hereby sell, assign and transfer to

ASSIGNEE: Saint-Gobain Ceramics & Plastics, Inc., a Delaware corporation, having a  
principal place of business at One New Bond Street, Worcester, MA 01615-0137,

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(s) disclosed in:

- ☐ U.S. Patent Application executed on or about the date of this Assignment,
- ☐ U.S. Patent Application executed on \_\_\_\_\_, or
- ☐ U.S. Provisional Application
- ☒ U.S. Application No.: 10/044,744, filed on January 11, 2002
- ☐ International Application No.: PCT/\_\_\_\_\_, filed on \_\_\_\_\_

ENTITLED: **METHOD FOR FORMING CERAMIC LAYER HAVING  
GARNET CRYSTAL STRUCTURE PHASE AND ARTICLE  
MADE THEREBY**, and naming as

INVENTOR(S): Matthew A. Simpson, Dominique Billieres, Gérard Main and Jean-  
Michel Drouin

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(s), including divisions, continuations, continuations-in-part,  
renewals, substitutes and extensions thereof, and in and to any and all patents of every  
country or region that may be granted or have been granted for said invention(s), including  
any reissues and reexaminations thereof.

To comply with 37 C.F.R. § 3.21 for recording this Assignment, I authorize and request that  
the application number and filing date be inserted here, if not already shown above,  
(\_\_\_\_\_/\_\_\_\_\_, filed \_\_\_\_\_) when they become known.

I authorize ASSIGNEE to apply for patents of foreign countries for said invention(s), and to  
claim all rights of priority without further authorization from me.

I agree 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 possible to aid ASSIGNEE, its successors, assigns and nominees,  
at their request and reasonable expense, in obtaining and enforcing patents for said  
invention(s) in all countries.

ASSIGNMENT OF INVENTION

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 Commissioner of Patents and Trademarks to issue any U.S. Letters Patent that may be granted for said invention(s) to ASSIGNEE, its successors or assigns.

Executed on 5 February, 2002 by Matthew A. Simpson  
Matthew A. Simpson

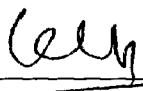
Witnessed on 5 February, 2002 by [Signature]  
Witness Signature

Witnessed on 5 February, 2002 by [Signature]  
Witness Signature


Executed on 7 February, 2002 by [Signature]  
Dominique Billieres

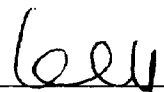
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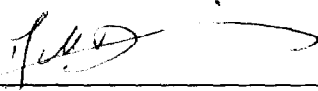
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Gérard Main

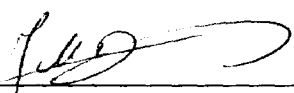
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Executed on 12<sup>th</sup> February, 2002 by   
Jean-Michel Drouin

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Witnessed on 12<sup>th</sup> February, 2002 by   
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