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1. Name of conveying party(ies)Yeshwanth Narendar;
Matthew A. Simpson; and
Richard R. HengstAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance/Execution Date(s):**Execution Date(s) 09/14/05; 09/14/05; and 09/16/05

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)Name: SAINT-GOBAIN CERAMICS & PLASTICS, INC.

Internal Address: _____

Street Address: One New Bond StreetCity: 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)

11/210,247

B. Patent No.(s)

Atty Docket No.: 1075-E4372-USAdditional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Jeffrey S. Abel

Internal Address: _____

Street Address: 5000 Plaza On The Lake, Suite 265City: AustinState: TX Zip: 78746Phone Number: 512-327-5515Fax Number: 512-327-5452Email Address: jabel@iplegalservices.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 Informationa. Credit Card Last 4 Numbers _____
Expiration Date _____b. Deposit Account Number 50-2469Authorized User Name Jeffrey S. Abel**9. Signature:**

Signature

Date 11/9/05

Jeffrey S. Abel, Reg. No.: 36,079

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

7

Documents 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. 22313-1450

CH \$40.00 502469 11210247

ASSIGNMENT OF INVENTION

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

Yeshwanth Narendar of Westford, MA 01886, USA
Matthew A. Simpson of Sudbury, MA 01776, USA
Richard R. Hengst of Oakham, MA 01068, USA

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 01615-0138,

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.: 11/210,247, filed on August 23, 2005
- ☐ International Application No.: PCT/_____, filed on _____

ENTITLED: **SEMICONDUCTOR PROCESSING COMPONENTS AND
SEMICONDUCTOR PROCESSING UTILIZING SAME**, and
naming as

INVENTOR(S): Yeshwanth Narendar; Matthew A. Simpson; and Richard R. Hengst

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.


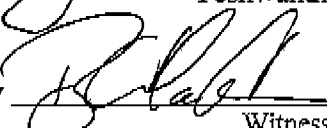
I authorize ASSIGNEE to apply for patents of foreign countries for said invention(s), and to
claim all rights of priority without further authorization from me.

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	9 / 14 /	200	5	by		Yeshwanth Narendar
Witnessed on	9 / 14	200	5	by		Witness Signature

Executed on		200		by		Matthew A. Simpson
Witnessed on		200		by		Witness Signature

Executed on		200		by		Richard R. Hengst
Witnessed on		200		by		Witness Signature

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Executed on _____, 200__ by _____ Yeshwanth Narendar
Witnessed on _____, 200__ by _____ Witness Signature

Executed on <u>14 Sept.</u> , 200 <u>5</u> by <u>Matthew A. Simpson</u> Matthew A. Simpson
Witnessed on <u>Sept 14</u> , 200 <u>5</u> by <u>Sandra A. Carlson</u> Witness Signature

Executed on _____, 200__ by _____ Richard R. Hengst
Witnessed on _____, 200__ by _____ Witness Signature

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Witnessed on _____, 200__ by _____ Witness Signature

Executed on _____, 200__ by _____ Matthew A. Simpson
Witnessed on _____, 200__ by _____ Witness Signature

Executed on <u>Sept. 16</u> , 200 <u>5</u> by <u>Richard R. Hengst</u> Richard R. Hengst
Witnessed on _____, 200__ by _____ Witness Signature