

8/31/04

A/D 581-00

10/506161  
 JT12 Rec'd PCT/PTO 31 AUG 2004  
 Attorney Docket No. 0525-1024

Form PTO-1595

REC'D

04-11-2005

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To the Honorable Commissioner of Patent

102976739

ed original documents or copy thereof.

1. Name of Conveying Party(ies):  
**Yves, Marcel, Leon BOUSSANT-ROUX**  
**Michel, Marc GAUBIL**

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

☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: **SAINT-GOBAIN CENTRE DE**  
**RECHERCHES ET D'ETUDES**  
 Address: **EUROPEEN**

**"Les Miroirs" - 18, avenue d'Alsace**  
**92400**  
**Courbevoie**  
**France**

3. Nature of Conveyance:

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

Execution Date: **July 9, 2004 and July 13, 2004,**  
**respectively**

Additional name(s) and address(es) attached?

☐ Yes ☒ No

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

This document is being filed with a new application, the execution date of the application is: **July 9, 2004 and July 13, 2004, respectively**

A. Patent Application No(s).

B. Patent No(s).

09/02/2004 LLANDGRA 00000103 10506161

02 FC:8021

( 40.00 DP )

Additional numbers attached? ☐ Yes ☒ No

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

**Customer No.: 00466**  
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6. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41).....\$40.00☒ Enclosed☐ Authorized to be charged to deposit account8. Deposit Account No. 25-0120

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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.*

**Yolanda Reynolds**

Name of Person Signing

Signature

**August 31, 2004**

Date

Total number of pages including cover sheet, attachments, and documents: 2

Y&amp;T August 31, 2004

**PATENT**  
**REEL: 010434 FRAME: 0336**

**USA**  
**ASSIGNMENT OF PATENT APPLICATION**

(1) Yves, Marcel, Léon BOUSSANT-ROUX  
(2) Michel, Marc GAUBIL  
(3) \_\_\_\_\_  
(4) \_\_\_\_\_  
(5) \_\_\_\_\_

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(6) SAINT-GOBAIN CENTRE DE RECHERCHES ET D'ETUDES EUROPEEN  
(6a) of "Les Miroirs" - 18, avenue d'Alsace - 92400 COURBEVOIE - FRANCE  
(7) \_\_\_\_\_  
(7a) of \_\_\_\_\_

(hereinafter designated as the Assignee) the entire rights, title and interest for the United States, its territories, dependencies and possessions, and for the country of

(8) \_\_\_\_\_ in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as  
(9) "Molten and cast refractory product with high zirconia content"  
\_\_\_\_\_(Case No. \_\_\_\_\_)

for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed

(10) on \_\_\_\_\_ or has already filed

(11) U.S. appln. Serial No. \_\_\_\_\_, filed on \_\_\_\_\_

(12) The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining such evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

6) The undersigned hereby grant(s) the firm of YOUNG & THOMPSON the power to insert on this assignment any further identification which may be necessary or desirable to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date <u>July 9, 2004</u>	Signature of Inventor (1) <u>Yves, Marcel, Léon BOUSSANT-ROUX</u>	<u>Y. BOUSSANT-ROUX</u> (Seal)
Date <u>July 13, 2004</u>	Signature of Inventor (2) <u>Michel, Marc GAUBIL</u>	<u>Michel Marc Gaubil</u> (Seal)
Date _____	Signature of Inventor (3) _____	(Seal)
Date _____	Signature of Inventor (4) _____	(Seal)
Date _____	Signature of Inventor (5) _____	(Seal)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A., or (b) a U.S. Counsel if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date <u>9 July 2004</u>	Signature of Witness <u>Dominique Jacquin</u>	(Seal)
Date <u>13 July 2004</u>	Signature of Witness <u>Crystal Foppiani</u>	(Seal)