7253? RECORDATION FORM COVER SHEET PCT/PTG.S. Profrmator Form **PTO-1595** To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy(ies) thereof Name of conveying party(ies): 2. Name and address of receiving party(ies): 56.03 Markus DIETRICH Robert VASSEN FORSCHUNGSZENTRUM JÜLICH GMBH Detley STÖVER WILHELM-JOHNEN-STRASSE **D-52425 JÜLICH GERMANY** Additional name(s) of conveying party(les) attached? No 07-08-2003 3. Nature of conveyance: □ Merger Security Agreement Change of Name 102490392 Other Execution Date: 25 April 2003 Additional name(s) & address(es) attached? No Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: 25 April 2003 B: Patent No(s). A. Patent Application No(s). 10416088 US Phase of PCT/DE01/04228 Filed concurrently herewith Additional numbers attached? No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: 1 The Firm of Karl F. Ross P.C. 7. Total fee (37CFR3.41) \$40 **Customer Number 000535** Check enclosed 5676 Riverdale Avenue Box 900 Charge to deposit account Riverdale (Bronx), NY 10471-0900 ✓ Charge to credit card (PTO-2038 attached) 8. Charge any deficiency to Deposit account: Tel: (718) 884-6600 18-2025 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. 5 May 2003 Herbert Dubno Reg. No. 19,752 Total number of pages including cover-sheet, attachments, and document:

**PATENT** 

REEL: 014232 FRAME: 0149

22533 ASSIGNMENT

In Consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned,

Markus DIETRICH, Martinusstrasse 3, Jülich, Germany; Robert VASSEN, Englerthstrasse 10, Herzogenrath, Germany; and Detlev STÖVER, Taubenforst 9, Niederzier, Germany

hereby sell, assign and transfer to

## FORSCHUNGSZENTRUM JÜLICH GmbH

a limited liability company of Germany having a place of business at

Wilhelm-Johnen-Strasse D-52425 Jülich Germany

its successors, assigns, and legal representatives, our entire right title and interest for the United States and all foreign countries, in and to the improvements disclosed in the application for United States Letters Patent which has been executed by the undersigned concurrently herewith as the US national phase of PCT application PCT/DE01/04228 filed 8 November 2001 and which is entitled MATERIAL FOR THERMALLY LOADED SUBSTRATES

and in and to the application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on the improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on the improvements.

We agree that the Assignee may apply for and receive Letters Patent for the improvements in its own name; and that, when requested, without charge to but at the expense of the Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all rightful Oaths, Assignments, Powers of Attorney, and other papers; communicate to the Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to the improvements and the history thereof; and generally do everything possible which the Assignee, its successors, assigns, or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for the improvements and for vesting title to the improvements and all applications for patents and all patents on the improvements in the Assignee, its successors, assigns, and legal representatives; and

We covenant with the Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey same as herein expressed is possessed by the undersigned.

8 Date: 15.04.03

Date: 25.4.03

Date: 25.4.03

Markus DIETRICH

Robert VASSI

Detlev STÖVER

PATENT RECORDED: 05/06/2003 REEL: 014232 FRAME: 0150