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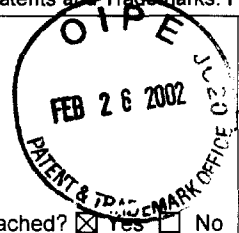


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To the Honorable Commissioner of Patents and Trademarks: Please Record the attached original documents or copy thereof.

1. Name of conveying party(ies): Anthony C. Mulligan, Mark J. Rigali, Manish P. Sutaria, Dragan Popovich. Additional name of conveying party(ies) attached? [X] Yes [] No



2. Name and address of receiving party(ies): Name: Advanced Ceramics Research, Inc. Internal Address:

3. Nature of conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other. Execution Date: December 14, 2001; January 23, 2002; January 25, 2002 and February 18, 2002

226-02

Street Address: 3292 East Hemisphere Loop. City: Tucson State: AZ Zip: 85706. Additional Name(s) & address(es) attached? [] Yes [X] No

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution data of the application is: A. Patent Application No.(s) 10/005,084

B. Patent No.(s). Additional numbers attached? [] Yes [X] No

5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Rebecca P. Rokos, Esq. Internal Address: Banner & Witcoff, Ltd. Suite 3000. Street Address: 10 South Wacker Drive. City: Chicago State: IL Zip: 60606

6. Total number of applications and patents involved: 1. 7. Total fee (37 CFR 3.41) \$ 40. [] Enclosed [X] Authorized to be charged to deposit account. 8. Deposit account number: 01-0850. (Attach duplicate copy of this page if paying by deposit account)

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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. Rebecca P. Rokos Name of Person Signing

Signature: Rebecca P. Rokos

Date: February 26, 2002

Total number of pages including cover sheet, attachments, and documents: 5

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

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PATENT REEL: 012658 FRAME: 0095

ASSIGNMENT

Case No.: 03248.00038

Inventors:	¹ Anthony C. Mulligan	² Mark J. Rigali	³ Manish P. Sutaria
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Date of Execution of Application: 12/14/2002, 01/23/2002, 01/25/2002 and 02/18/2002

Filing Date of Application: December 4, 2001

Serial No.: 10/005,084

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

Advanced Ceramics Research, Inc. of Tucson, Arizona

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

**ALIGNED COMPOSITE STRUCTURES FOR MITIGATION OF IMPACT DAMAGE AND
RESISTANCE TO WEAR IN DYNAMIC ENVIRONMENTS**

and identified as:

Case No. 03248.00038

in the offices of Banner & Witcoff, Ltd. and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its

Banner & Witcoff, Ltd.

Date: Feb 18, _____, 2002

Dragan Popovich
Dragan Popovich

State of Arizona)
) ss:
County of Maricopa)

This 18th day of February 2001, before me personally came the above-named, Dragan Popovich, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes herein set forth.

Cleta M. Hand
Notary Public
My Commission Expires: Oct 10th, 2003

