

Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002)

**RECORDATION FORM COVER SHEET**  
**PATENTS ONLY**

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

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

1. Name of conveying party(ies):  
 Hasan MANDAL  
 Ferhat KARA  
 Alpagut KARA  
 Servet TURAN

Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies)  
 CeramTec AG, Innovative Ceramic  
 Name: Engineering  
 Internal Address: \_\_\_\_\_  
 Street Address: Fabrikstrasse 23-29  
 City: D-73207 Plochingen  
Germany Zip: \_\_\_\_\_  
 Additional name(s) & address(es) attached:  Yes  No

3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
 Execution Date: September 23, 2003

4. Application number(s) or patent number(s):  
 If this document is being filed together with a new application, the execution date of the new application is: \_\_\_\_\_  
 A. Patent Application No.(s):  
10/467,425  
 Additional numbers attached?  Yes  No

B. Patent No.(s): \_\_\_\_\_

5. Name and address of party to whom correspondence concerning document should be mailed:  
 Name: James R. Crawford  
Fulbright & Jaworski L.L.P.  
 Internal Docket No: DNAG-261  
 Street Address:  
666 Fifth Avenue  
New York, N.Y. 10103

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00  
 Enclosed  
 Authorized to be charged to deposit account (if check not enclosed)  
 Authorized to be charged to credit card (Form 2038 enclosed)

8. Deposit account number: 50-0624  
 (Attach duplicate copy of this page if paying by deposit account)

**DO NOT USE THIS SPACE**

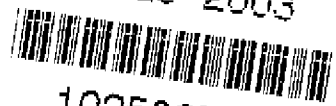
9. Statement and signature.  
*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

James R. Crawford 6/10/04  
 Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents: 9

CH \$40.00 500624 10467425

10-29-2003



102586763 PATENT

Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002)

SHEET

U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

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

1. Name of conveying party(ies):

Husan MANDAL  
Ferhat KARA  
Alpagut KARA  
Servet TURAN

10-27-03

Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies)

CeramTec AG, Innovative Ceramic  
Name: Engineering

Internal Address:

Street Address:

Fabrikstrasse 23-29

City: D-73207 Plochingen

: Germany Zip:

Additional name(s) & address(es) attached:  Yes  No

3. Nature of Conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date: September 23, 2003

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

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

A. Patent Application No.(s):  
10/469,425

B. Patent No.(s)

10/467,425

Additional numbers attached?  Yes  No

2003 OCT 27 AM 9:16 OPR/FINANCE

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

Name: James R. Crawford  
Fulbright & Jaworski L.L.P.

Internal Docket No: DNAG-261

Street Address:  
666 Fifth Avenue  
New York, N.Y. 10103

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41) \$ 40.00

- Enclosed
- Authorized to be charged to deposit account (if check not enclosed)
- Authorized to be charged to credit card (Form 2038 enclosed)

8. Deposit account number: 50-0624

(Attach duplicate copy of this page if paying by deposit account)

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.

James R. Crawford  
Name of Person Signing

Signature

10/23/03  
Date

Total number of pages including cover sheet, attachments, and documents: 4

Attorney Docket No.: DNAG-261

Worldwide Rights — Sole or Joint

### Assignment

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto CeramTec AG, Innovative Ceramic Engineering with offices at Fabrikstrasse 23-29, D-73207 Plochingen, Germany (hereinafter ASSIGNEE), effective on the date indicated next to my name, all right, title and interest in and to his invention relating to

#### **MULTICATION DOPED ALPHA-BETA SIALON CERAMICS**

as set forth in his United States Patent Application

executed concurrently herewith

executed \_\_\_\_\_

Serial No. 10/467,425 filed \_\_\_\_\_

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof and all applications for Letters Patent which may hereafter be filed for said invention in any country or countries foreign to the United States, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States and all divisions, continuations, additions, extensions, renewals and reissues thereof and all rights of priority in any such country or countries based upon the filing of the said application for Letters Patent of the United States which are created by any law, treaty or international convention; to be held and enjoyed by said ASSIGNEE, their successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, their successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

*Attorney Docket No.: DNAG-261*

**Worldwide Rights — Sole or Joint**

Each of the undersigned further covenants and agrees that at any time upon request of said ASSIGNEE, their successors, legal representatives or assigns he will communicate to said ASSIGNEE, their successors, legal representatives or assigns all information known to them relating to said invention or patent application and that they will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, their successors, legal representatives or assigns to perfect title to said invention, to said application including divisions, continuations, reissues, extensions, additions and renewals thereof and to any and all Letters Patent which may be granted therefor or thereon, in said ASSIGNEE, their successors, or assigns or to assist said ASSIGNEE, their successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent for said invention;

Attorney Docket No.: DNAG-261

Worldwide Rights — Sole or Joint

Each of the undersigned hereby grants to the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Names and Signatures of Inventors:

Signature:   
Hasan MANDAL

23 September 2003  
Date of this Assignment

Signature:   
Ferhat KARA

23 September 2003  
Date of this Assignment

Signature:   
Alpogut KARA

23 September 2003  
Date of this Assignment

Signature:   
Servet TURAN

23 September 2003  
Date of this Assignment

FULBRIGHT & JAWORSKI L.L.P.  
666 FIFTH AVENUE  
NEW YORK, NEW YORK 10103