

05-11-2001

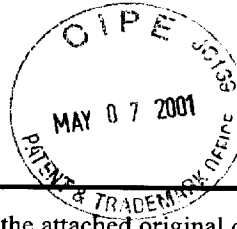
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FORM PTO-1595
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1. Name of conveying party(ies):

- (1) Alberto RAVAGNI
- (2) Ruediger NASS
- (3) Helmut SCHMIDT
- (4) Bernhard WALTER

S. 7-01

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

2. Name and address of receiving party(ies):

Name: INSTITUT FUER NEUE MATERIALIEN
GEMEINNUETZIGE GMBH

Address: Im Stadtwald
Gebaeude 43a
66125 Saarbruecken, Germany

Additional name(s) and address(es) attached? Yes No

3. Nature of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

- (1) August 12, 1997
- (2) August 26, 1997
- (3) August 14, 1997
- (4) August 27, 1997

Execution Date:

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

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

A. Patent Application No.(s)
08/930,241

B. Patent No.(s)

Additional numbers attached? Yes No

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



22850

6. Total applications and patents involved:

7. Total fee (37 CFR 3.41): \$1.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number: 15-0030
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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.

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Registration Number: 24,913

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C. Irvin McClelland
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PATENT
REEL: 011775 FRAME: 0939

08/130,241

Assignment Of Application

INSERT NAMES AND RESIDENCE ADDRESSES OF THE INVENTORS:

WHEREAS, X (WE) Alberto RAVAGNI of Beim Weisenstein 6,
66125 Saarbrücken-Dudweiler, GERMANY;
Rüdiger NASS of Weiherstrasse 7, 66292 Riegelsberg, GERMANY;
Helmut SCHMIDT of Im Königsfeld 29, 66130 Saarbrücken-
Güdingen, GERMANY;
Bernhard WALTER of Lottenhammerstrasse 62, 66386 St. Ingbert,
GERMANY

_____, respectively,

INSERT TITLE OF INVENTION:

have invented certain new and useful improvements in: PROCESS FOR PRODUCING
SHRINKAGE-MATCHED CERAMIC COMPOSITES

INSERT DATE INVENTORS SIGNED DECLARATION:

for which an application for Letters Patent was executed on 12,14,26 + 27 August 1997

INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE:

(Application No. 08/930,241 filed September 30, 1997), and
INSTITUT FÜR NEUE MATERIALIEN
gemeinnützige GmbH

WHEREAS, Im Stadtwald,
(hereinafter referred to as "ASSIGNEE") having a place of business at: Im Stadtwald,
Gebäude 43a, 66125 Saarbrücken, GERMANY

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

08-08-1997

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 12 Aug. 1997

Alberto Ravagni
(Signature of Inventor) Alberto RAVAGNI

Date: 26.08.1997

Rüdiger Nass
(Signature of Inventor) Rüdiger NASS

Date: 14.08.1997

Helmut Schmidt
(Signature of Inventor) Helmut SCHMIDT

Date: 27.8.1997

B. Walter
(Signature of Inventor) Bernhard WALTER

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

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