

Atty Docket No.: 230310US0X/pmh

FORM PTO-1595
1-31-92

RECORDATION FORM COVER SHEET
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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): **5-16-03**
Martin MOERTERS, Ina HEMME, Steffen HASENZAH, Uwe
DIENER and Herbert HABERMANN

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

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
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to correct the 3rd Assignor's Name and the Assignee's
Address.

Execution Date: December 2, 12, 4, 4, and 4,
2002

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

Name: DEGUSSA AG

Address: Bennigsenplatz 1, D-40474
Duesseldorf, GERMANY

05-21-2003



102453377

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

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)
10/326,554

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence
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22850

Tel. (703) 413-3000
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6. Total applications and patents involved: **1**

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

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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.

Norman F. Oblon

Name of Person Signing

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Rohitha Jayasuriya
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PATENT
REEL: 014076 FRAME: 0331

01-02-2003

Atty Docket No.: 230310US0X

FORM PTO-1595
1-31-02



102326383

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1. Name of conveying party(ies):

Martin MOERTERS
Ina HEMME
Steffen HASENZAHN
Uwe DIENER
Herbert HABERMANN

12-23-02

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

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

Name: DEGUSSA AG
Address: Benningsenplatz 1, D-40474 Duesseldorf
GERMANY

JC972 U.S. PRO
10/326554
12/23/02

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: December 2, 2002, December 4, 2002
and December 12, 2002

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

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: December 2, 2002,
December 4, 2002 and
December 12, 2002

A. Patent Application No.(s)

10,326,554

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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



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James J. Kelly, Ph.D.

Name of Person Signing

Signature

December 23, 2002

Date

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12/27/2002 MBERHE 00000055 10326554

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PATENT
REEL: 014076 FRAME: 0332

Assignment of Application

WHEREAS, I (WE) 1) Martin MOERTERS

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

2) Ina HEMME

3) Steffen HASENZAHN

4) Uwe DIENER

5) Herbert HABERMANN

the above-identified inventors reside at the following addresses:

1) Rosenstrasse 11, D-63450 Hanau, GERMANY

2) Friedrichstrasse 50, D-63450 Hanau, GERMANY

3) Hochstaedter Landstrasse 113, D-63454 Hanau, GERMANY

4) Gutenbergallee 17, D-63538 Grosskrotzenburg, GERMANY

5) Eichelhain 8, D-63599 Biebergemuend, GERMANY, respectively,

INSERT TITLE
OF INVENTION:

have invented certain new and useful improvements in: SILICON-TITANIUM MIXED OXIDE POWDER
PREPARED BY FLAME HYDROLYSIS, WHICH IS SURFACE-ENRICHED WITH SILICON DIOXIDE, AND
THE PREPARATION AND USE THEREOF

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

for which an application for Letters Patent was executed on December 2, 2002, December 4, 2002 and
December 12, 2002

(Application No. _____, filed _____), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE:

WHEREAS, DEGUSSA AG

(hereinafter referred to as "ASSIGNEE") having a place of business at: Bennigsenplatz 1, D-40474 Duesseldorf
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;

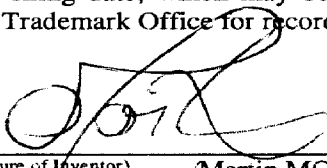
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United 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.

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.

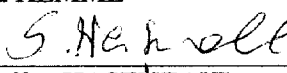
Date: DEC. 02nd 2002


(Signature of Inventor) Martin MOERTERS


Date: 12-12-02


(Signature of Inventor) Ina HEMME

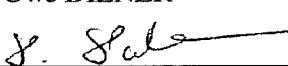
Date: 12-04-2002


(Signature of Inventor) Steffen HASENZAH

Date: 12-04-02


(Signature of Inventor) Uwe DIENER

Date: 12/04/02


(Signature of Inventor) Herbert HABERMANN

Date: _____

(Signature of Inventor) _____

Date: _____

(Signature of Inventor) _____

Date: _____

(Signature of Inventor) _____

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10/01