

08-28-2003

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

Tab settings ⇨ ⇨ ⇨ ▼ ▼

To the Honorable Commissioner of Patents and Trademarks

102536577

d original documents or copy thereof.

## 1. Name of conveying party(ies):

MEYER, JUERGEN  
ETTLINGER, MANFREDAdditional name of conveying party(ies) attached? ☐ Yes ☒ No

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

Name: DEGUSSA AG

Address: Bennigsenplatz 1

DE-40474 Düsseldorf, GERMANY

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_

Execution Date: July 1, 2003

Additional Name(s) & 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)

10/455,504

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Robert G. Weilacher, Esq.

Internal Address: Smith, Gambrell &amp; Russell, LLP

Suite 3100, Promenade II

Street Address: 1230 Peachtree Street, N.E.

City: Atlanta

State: GA

Zip: 30309-3592

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

## 8. Deposit account number:

(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.

Robert G. Weilacher, Reg. No. 20,531

Name of Person Signing

Signature

August 22, 2003

Date

Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services, Director of the U.S. Patent and Trademark Office

P.O. Box 1450, Alexandria, VA 22313-1450

08/28/2003 LMUELLER 00000007 10455504

01 FC:8021

40.00 OP

PATENT  
REEL: 014424 FRAME: 0698

## ASSIGNMENT

This assignment agreement is applicable to an invention entitled (Invention Title)

**PYROGENICALLY PREPARED, SURFACE MODIFIED  
ALUMINUM OXIDE**

The PATENT PROPERTY referred to in this agreement is:

- (check one) ☐ a patent application for this invention, executed by the ASSIGNORS concurrently with this assignment.
- ☒ U.S. patent application Serial No. 10/455,504, filed June 4, 2003.
- ☐ a U.S. patent application based on PCT International Application No. \_\_\_\_\_ filed on (date) \_\_\_\_\_ (U.S. application Serial No. \_\_\_\_\_, if known).
- ☐ U.S. patent No. \_\_\_\_\_, issued \_\_\_\_\_.

The PATENT PROPERTY also includes all divisions, reissues, continuations and extensions of the patents and patent applications identified above.

The PATENT PROPERTY assigned under this agreement is:

- (check one) ☒ U.S. patent property only.
- ☐ Worldwide patent property. In this case, the ASSIGNEE shall have the right to claim the benefit of the filing date of any U.S. or foreign patent application for this invention.

The term ENTIRE PATENT RIGHTS identifies the following rights:

the full and exclusive right to the invention;  
the entire right, title and interest in and to the PATENT PROPERTY;  
the right to sue and recover for any past infringement; and,  
the right to claim priority under 35 USC 119, 35 USC 120, or any other applicable provisions, based on any earlier patent applications for this invention.

The ASSIGNORS referred to in this agreement are identified on page 2 of this Assignment.

The following ASSIGNEE is the recipient of the entire rights assigned herein:

(Name of Assignee) **Degussa AG**  
(Address) **Bennigsenplatz 1**  
**DE-40474 Düsseldorf, GERMANY**

This ASSIGNEE is:

- (check one) ☐ An Individual.
- ☐ A Partnership.
- ☒ A Corporation of Germany (specify state or country)
- ☐ (other) \_\_\_\_\_.

The ASSIGNORS, in consideration of \$10.00 paid by the ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, hereby assign to the ASSIGNEE, its successors and assigns, the ENTIRE PATENT RIGHTS.

As to all U.S. patent applications assigned under this agreement, the ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE as the assignee of the right, title and interest, for the use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNORS agree to communicate to said ASSIGNEE, or its representatives, any facts known to the ASSIGNORS respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

The ASSIGNORS authorize any attorneys and agents who have a power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filing date in this document after it has been executed.

Signature

Date

In the Presence of:

  
Juergen MEYER07/01/03C. Holmsted  
Manfred ETTLINGER07/01/03C. Holmsted