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CHAPTER II

103254561

IN THE UNITED STATES ELECTED OFFICE (EO/US)

PCT/EP2004/006397 ✓

June 14, 2004 ✓

June 12, 2003 ✓

INTERNATIONAL APPLICATION NO.

INTERNATIONAL FILING DATE

PRIORITY DATE CLAIMED

METHOD FOR PRODUCING NANOCOMPOSITE

ADDITIVES WITH IMPROVED

DELAMINATION IN POLYMERS

TITLE RAINER SEELING, HEINZ-DIETER METZEMACHER, NORBERT SCHALL, ✓

GÜNTHER LÜBBE

APPLICANT(S)

Mail Stop PCT
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

COVER SHEET FOR ASSIGNMENT
 IN THE UNITED STATES ELECTED OFFICE (EO/US)
 FOR INTERNATIONAL APPLICATION ENTERING NATIONAL STAGE
 IN U.S. DESIGNATED OFFICE (DO/US) UNDER 35 U.S.C. 371

IDENTIFICATION OF APPLICATION

(37 C.F.R. § 3.21 and 37 C.F.R. § 3.31(a)(4))

1. The patent application filed herewith, and to which the attached assignment (document) refers, is identified as follows:

a. Date of execution: July 5, 2005

b. Name of each inventor:

1. RAINER SEELING

4. GÜNTHER LÜBBE

2. HEINZ-DIETER METZEMACHER

3. NORBERT SCHALL

c. Title of invention: METHOD FOR PRODUCING NANOCOMPOSITE ADDITIVES WITH IMPROVED DELAMINATION IN POLYMERS

EXPRESS MAILING UNDER 37 C.F.R. § 1.10*

(Express Mail label number is mandatory.)

(Express Mail certification is optional.)

I hereby certify that this paper, along with any document referred to, is being deposited with the United States Postal Service on this date November 16, 2005, in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 as "Express Mail Post Office to Addressee" Mailing Label No. EQ 069676419US

Holly Hart

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(Cover Sheet for Assignment In the United States Elected Office (EO/US) for International Application Entering National Stage under 35 U.S.C. § 371 [13-21]—page 1 of 4)

PATENT

REEL: 017954 FRAME: 0256

NOTE: See 37 C.F.R. § 3.21.

NAME OF PARTY(IES) CONVEYING INTEREST

(37 C.F.R. § 3.31(a)(1))

2. The party(ies) conveying this interest is (are):

Name 1: RAINER SEELING

Name 4: GÜNTHER LÜBBE

Name 2: HEINZ-DIETER METZEMACHER

Name 3: NORBERT SCHALL

NAME AND ADDRESS OF PARTY(IES) RECEIVING INTEREST

(37 C.F.R. § 3.31(a)(2))

3. The rights are being conveyed to:

Name: SÜD-CHEMIE AG

Address: Lenbachplatz 6

D-80333 München

Germany

Telephone No.: (011) 49 89 511 0202

DESCRIPTION OF INTEREST CONVEYED OR TRANSACTION RECORDED

(37 C.F.R. § 3.31(a)(3))

4. The accompanying document intends to accomplish:

- ☒ an assignment.
- ☐ a security agreement.
- ☐ a license.
- ☐ a merger.
- ☐ a change of name.
- ☐ a change of address.
- ☐ other.

(Cover Sheet for Assignment in the United States Elected Office (EO/US) for International Application
Entering National Stage under 35 U.S.C. § 371 [13-21]—page 2 of 4)

2000-2001

**NUMBER OF APPLICATIONS IDENTIFIED IN THIS COVER SHEET
AND THE FEE (37 C.F.R. § 3.31(a)(6))**

8. A. This cover sheet identifies only one application.
B. The fee for recordal (37 CFR 1.21(h)) is \$40.00.
☒ Attached is a ☒ check ☐ money order in the amount of \$ 1,790.00 (\$1750 For filing appl. & \$40 for Assign)
☒ Authorization is hereby made to charge ~~the amount of \$~~ to Deposit Account No. 03-3420
☐ to Credit card as shown on the attached credit card information authorization form PTO-2038.

WARNING: Credit card information should **not** be included on this form as it may become public.

- ☒ Charge any additional fees required by this paper or credit any overpayment in the manner authorized above.

STATEMENT (37 C.F.R. § 3.31(a)(9)) AND SIGNATURE (37 C.F.R. § 3.31(a)(10))

9. 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.

NOTE: "The term 'party' as used in this rule [§ 3.31] means the person whose name appears on the documents to be recorded, that person's attorney or registered agent, or a corporate officer where a corporation's name appears on the document." Notice of June 24, 1992, 1140 O.G. 63-76, at 65.

Date: 11/16/05

Scott R. Cox

Name of party submitting document

Signature of party submitting document

(complete the following, if the party submitting the document is applicant's attorney)

SIGNATURE OF PRACTITIONER

Reg. No.: 31,945

Scott R. Cox

(type or print name of practitioner)

Tel. No. (502) 589-4215

500 W. Jefferson St., Ste. 2100

P.O. Address

Customer No.:

Louisville, Kentucky 40202

TOTAL NUMBER OF PAGES BEING SUBMITTED

10. The total number of pages being submitted, including cover sheet attachment(s), and documents are:

Seven (7)

Total number of pages submitted

(Cover Sheet for Assignment In the United States Elected Office (EO/US) for International Application Entering National Stage under 35 U.S.C. § 371 [13-21]—page 4 of 4)

11/29/2005 GFREY1 00000061 10557724

05 FC:8021

40.00 OP

Practitioner's Docket No. P-1256**PATENT**

For: ☒ U.S. and/or ☐ Foreign Rights
 For: ☒ U.S. Application or
 ☐ U.S. Provisional Application
 For: ☒ U.S. Patent
 For: ☐ PCT Application
 By: Multiple Inventors

ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS (Inventors):DR. RAINER SEELING

(type or print name of inventors)

HEINZ-DIETER METZEMACHERDR. NORBERT SCHALLGÜNTHER LÜBBEBrockendorfer Weg 22aD-50189 Elsdorf-Grouven, GermanyGERMANY

Address

Nationality

Gloedenstrasse 20D-50737 Köln, GermanyGERMANYAm alten Brunnen 12fD-85659 Forstern, GermanyGERMANYRosenstrasse 8aD-84032 Altdorf, GermanyGERMANY**PATENT****REEL: 017954 FRAME: 0260**

hereby sells, assigns and transfers to

ASSIGNEE:

Süd-Chemie AG

(type or print name of ASSIGNEE)

Germany

Nationality

Lenbachplatz 6

Address

D-80333 München GERMANY

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

- ☒ the entire right, title and interest
☐ an undivided _____ percent (_____ %) interest

for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

- ☒ and in all foreign countries, including all rights to claim priority

in and to any and all improvements which are disclosed in the invention entitled:
**METHOD FOR PRODUCING NANOCOMPOSITE ADDITIVES WITH IMPROVED
DELAMINATION IN POLYMERS**

(check and complete (a), (b), (c), (d), (e), (f), or (g))

and which is found in (37 C.F.R. § 3.21)

- (a) ☐ U.S. patent application executed on even date herewith
(b) ☒ U.S. patent application executed on November 16, 2005
(c) ☐ U.S. provisional application naming the above inventor(s) for the above-entitled invention
☐ Express mail label no.: _____
Mailed: _____
☐ To comply with 37 C.F.R. § 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.
- (d) ☐ U.S. application no. _____ / _____ filed on _____
(e) ☐ International application no. PCT _____ / _____ / _____
filed on _____
(f) ☐ U.S. patent no. _____ issued _____
☐ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(check (g), if foreign application(s) is also being assigned)

- (g) ☐ and any legal equivalent thereof in a foreign country, including the right to claim priority

(Assignment of Invention—Multiple Inventors [16-3.2]—page 2 of 3)

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this

5/17/2005
Date of signing

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

DR. RAINER SEELING

(type name of inventor)

HEINZ-DIETER METZEMACHER

DR. NORBERT SCHALL

GÜNTHER LÜBBE

R. Seeling
Signature of INVENTOR

H.-D. Metzema
N. Schall
G. Lübke

☐ Notarization or Legalization Page Added.

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution. 35 U.S.C. § 261. Use next page if notarization is desired.

(Assignment of Invention—Multiple Inventors [16-3.2]—page 3 of 3)

PATENT

RECORDED: 11/16/2005

REEL: 017954 FRAME: 0262