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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):

- 1. Ertugrul ARPAC
- 2. Gerhard JONSCHKER
- 3. Hermann SCHIRRA
- 4. Helmut SCHMIDT

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

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

Name: Institut für Neue Materialien gemeinnützige GmbH

Internal Address:

Street Address: Im Stadtwald - Gebäude 43a
66123 Saarbrücken
GERMANY

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

3. Nature of conveyance:

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Date Signed: 1. 8/24/00

2. 8/30/00

3. 8/24/00

4. 9/09/00

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

Attorney Docket No. 24448-0021

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

A. Patent Application No.(s)

B. Patent No.(s)

PCT International Application No. PCT/EP99/02396

Additional numbers attached? Yes No

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

Name: Heller Ehrman White & McAuliffe

Internal Address:

Street Address: 275 Middlefield Road

City: Menlo Park **State:** CA **Zip:** 34025-3506

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:

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.

Derek P. Freyberg, Reg. No. 29,250

Name of Person Signing

Signature

Date

9/21/01

Total number of pages including cover sheet, attachments and document: [3]

A/D581-40

09/647971
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U.S. Department of Commerce Patent and Trademark Office

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

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<p>1. Name of conveying party(ies): MRD 10-6-00</p> <p>1. Ertugrul ARPAC 2. Gerhard JONSCHKER 3. Hermann SCHIRRA 4. Helmut SCHMIDT</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: Institut für Neue Materialien gemeinnützige GmbH</p> <p>Internal Address:</p> <p>Street Address: Im Stadtwald - Gebäude 43a 66123 Saarbrücken GERMANY</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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3. Nature of conveyance:

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Date Signed: 1. ~~8/24/00~~ 8/24/00, 2. 8/30/00; 3. 9/9/00,
3. 8/24/00

4. Application number(s) or patent number(s): **Attorney Docket No. 24448-0021**

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

A. Patent Application No.(s) B. Patent No.(s)

PCT International Application No. PCT/EP99/02396

09647971 Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Heller Ehrman White & McAuliffe</p> <p>Internal Address:</p> <p>Street Address: 525 University Avenue</p> <p>City: Palo Alto State: CA Zip: 94301-1908</p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41)..... \$ 40.00</p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit Account Number: _____</p>
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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.

Derek P. Freyberg, Reg. No. 29,250
Name of Person Signing

Derek P. Freyberg
Signature

10/6/00
Date

Total number of pages including cover sheet, attachments and document: [3]

WHEREAS, We, Ertugrul ARPAC, Gerhard JONSCHKER, Hermann SCHIRRA and Helmut SCHMIDT, having the addresses indicated below, are joint inventors of certain subject matter entitled
NANOSTRUCTURED FORMS AND LAYERS AND METHOD FOR PRODUCING THEM USING STABLE WATER-SOLUBLE PRECURSORS
(the "Invention"), for which a patent is sought as the US national phase of PCT International Application No. PCT/EP99/02396 filed April 8, 1999;

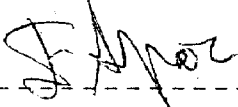
AND WHEREAS, Institut fuer Neue Materialien gemeinnuetzige GmbH, having an address at Im Stadtwald - Gebaeude 43, 66123 Saarbruecken, Germany ("INM") desires to perfect its right to the Invention and in the Letters Patent to be obtained therefor from the United States of America;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, We acknowledge INM's interest in the Invention and hereby assign to INM for the United States of America all our rights, title and interest in the Invention, as described and claimed in the US national phase of PCT International Application No. PCT/EP99/02396 filed April 8, 1999; or in any continuation, division, reissue, reexamination or extension thereof; the Invention, application and Letters Patent to be owned by INM, their successors, assigns and legal representatives, to the full end of the term for which such Letters Patent may be granted.

This assignment is effective as of April 8, 1999.

We have read and understand this Assignment document for the patent sought as the US national phase of PCT International Application No. PCT/EP99/02396 filed April 8, 1999 and agree thereto, as indicated by our signature as set forth below.

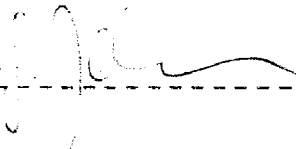
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FIRST JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Ertugrul ARPAC		24.08.2000

POST OFFICE ADDRESS

Akdeniz Üniversitesi, Fen Edebiyat Fakültesi, PK 510,
07200 Antalya, Turkey


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SECOND JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Gerhard JONSCHKER		23.8.00

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Gruenewaldstrasse 12, 66583 Spiesen-Elversberg, Germany

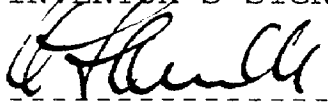
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THIRD JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Hermann SCHIRRA		24.08.00

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FOURTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Helmut SCHMIDT		Sept 9, 2000

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