

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|---------------|----------------|---------------------|------------|---------------|------------|------------------|------------|----------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Stephan ECKHOFF</td> <td>09/14/2009</td> </tr> <tr> <td>Ina GRISSTEDE</td> <td>09/23/2009</td> </tr> <tr> <td>Wilfried MUELLER</td> <td>09/14/2009</td> </tr> <tr> <td>Thomas KREUZER</td> <td>09/26/2009</td> </tr> </tbody> </table> | | Name | Execution Date | Stephan ECKHOFF | 09/14/2009 | Ina GRISSTEDE | 09/23/2009 | Wilfried MUELLER | 09/14/2009 | Thomas KREUZER | 09/26/2009 |
| Name | Execution Date | | | | | | | | | | |
| Stephan ECKHOFF | 09/14/2009 | | | | | | | | | | |
| Ina GRISSTEDE | 09/23/2009 | | | | | | | | | | |
| Wilfried MUELLER | 09/14/2009 | | | | | | | | | | |
| Thomas KREUZER | 09/26/2009 | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | |
| Name: | UMICORE AG & CO. KG | | | | | | | | | | |
| Street Address: | Rodenbacher Chaussee 4 | | | | | | | | | | |
| City: | Hanau-Wolfgang | | | | | | | | | | |
| State/Country: | GERMANY | | | | | | | | | | |
| Postal Code: | 63457 | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12525190</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 12525190 | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 12525190 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
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| ATTORNEY DOCKET NUMBER: | UMICORE 0218-US | | | | | | | | | | |
| NAME OF SUBMITTER: | William D. Schmidt | | | | | | | | | | |
| Total Attachments: 4 | | | | | | | | | | | |

OP \$40.00 12525190

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**PATENT
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ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt and sufficiency of which is hereby acknowledged, I (we), the undersigned, Stephan **ECKHOFF**, residing at Siedlungstrasse 14a, Alzenau, 63755, Germany; Ina **GRISSTEDE**, residing at Rheinhauser Str. 108, Mannheim, 68165, Germany; Wilfried **MUELLER**, residing at Auf der Warte 21, Karben, 61184, Germany, and Thomas **KREUZER**, residing at Philipp-Reis-Strasse 13, Karben 61184, Germany

Hereby sell, assign and transfer to **UMICORE AG & CO. KG**, having a place of business at Rodenbacher Chaussee 4, 63457 Hanau-Wolfgang, Germany, its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all inventions that are disclosed and claimed, and any and all inventions that are disclosed but not claimed, in the application for United States Patent that has been executed by the undersigned and is entitled:

**STRUCTURED MATERIAL WEB HAVING
A MULTI-DIMENSIONAL STRUCTURE, AND METHOD FOR THE
PRODUCTION THEREOF**

US Application Serial No.: 12/525,190 filed July 30, 2009

and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries that have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents that have been or shall be issued on said inventions;

Authorize and request the Director of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patents or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successor, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible that said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

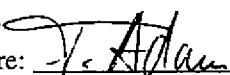
Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

ASSIGNOR

Stephan ECKHOFF

Date: 14. 9. 2009

By: 
Signature

Witness
Signature: 

Witness
Signature: E. Müller

Print Name: Frank Adam

Print Name: Dr. Elena Müller

Date: 14. 9. 2009

Date: 14. 9. 2009

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64319 Pfungstadt

Ina GRISSTEDE

Date: 23. 9. 2009

By: 
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Witness
Signature: 

Witness
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Print Name: Heiner Frensch

Date: 23. 09. 09

Date: 23. 09. 09

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67373 Oudenhofen

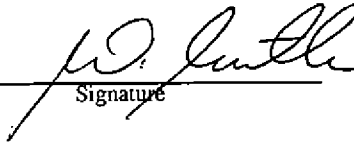
61231 Bad Nauheim

UMICORE 0218-US
Assignment


Wilfried MUELLER

Date: 14.09.09

By:


Signature

Witness

Signature: 

Witness

Signature: 

Print Name: PAUL SPURR

Print Name: Stefan Franschek

Date: Sept. 14, 2009

Date: Sept. 14, 2009

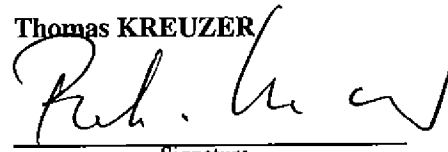
Address: GEORGENSTR. 14A
64331 WEITENSTADT

Address: Friedhofstr. 13
41334 Nettetal

Thomas KREUZER

Date: 26.09.09

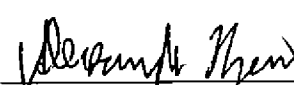
By:


Signature

Witness

Signature: 

Witness

Signature: 

Print Name: Magd. Kreuzer

Print Name: Magd. Kreuzer

Date: 26.09.09

Date: 26.09.09

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