

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the city in the address of the second assignee from Karsruhe to Karlsruhe previously recorded on Reel 022377 Frame 0763. Assignor(s) hereby confirms the assignment of the entire right, title and interest in the invention.										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Rudolf Hausmann</td><td>01/22/2009</td></tr><tr><td>Matthias Franzreb</td><td>01/22/2009</td></tr></tbody></table>		Name	Execution Date	Rudolf Hausmann	01/22/2009	Matthias Franzreb	01/22/2009				
Name	Execution Date										
Rudolf Hausmann	01/22/2009										
Matthias Franzreb	01/22/2009										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Universitat Karlsruhe</td></tr><tr><td>Street Address:</td><td>Kaiserstrasse 12</td></tr><tr><td>City:</td><td>Karlsruhe</td></tr><tr><td>State/Country:</td><td>GERMANY</td></tr><tr><td>Postal Code:</td><td>76131</td></tr></table>		Name:	Universitat Karlsruhe	Street Address:	Kaiserstrasse 12	City:	Karlsruhe	State/Country:	GERMANY	Postal Code:	76131
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Street Address:	Kaiserstrasse 12										
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Postal Code:	76131										
<table border="1"><tr><td>Name:</td><td>Forschungszentrum Karlsruhe GmbH</td></tr><tr><td>Street Address:</td><td>Weberstrasse 5</td></tr><tr><td>City:</td><td>Karlsruhe</td></tr><tr><td>State/Country:</td><td>GERMANY</td></tr><tr><td>Postal Code:</td><td>76133</td></tr></table>		Name:	Forschungszentrum Karlsruhe GmbH	Street Address:	Weberstrasse 5	City:	Karlsruhe	State/Country:	GERMANY	Postal Code:	76133
Name:	Forschungszentrum Karlsruhe GmbH										
Street Address:	Weberstrasse 5										
City:	Karlsruhe										
State/Country:	GERMANY										
Postal Code:	76133										
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>12306345</td></tr></tbody></table>		Property Type	Number	Application Number:	12306345						
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Application Number:	12306345										
CORRESPONDENCE DATA											
Fax Number: (312)913-0003											
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.											
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CH \$40.00 12306345

500978220

PATENT
REEL: 023316 FRAME: 0220

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Address Line 4: Chicago, ILLINOIS 60606

ATTORNEY DOCKET NUMBER: 08-1648

NAME OF SUBMITTER: Emily Miao

Total Attachments: 7

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

DOCKETED



MAR 12 2009
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MARCH 12, 2009

PTAS

MCDONNELL BOEHNNEN HULBERT & BERGHOFF LLP
300 S. WACKER DR.
SUITE 3100
CHICAGO, IL 60606

DUE: _____

BY: _____

**UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 03/11/2009

REEL/FRAME: 022377/0763

NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: 08-1648

ASSIGNOR:

HAUSMANN, RUDOLPH

DOC DATE: 01/22/2009

ASSIGNOR:

FRANZREB, MATTHIAS

DOC DATE: 01/22/2009

ASSIGNEE:

UNIVERSITAT KARLSRUHE (TH)
KATSERSTRASSE 12
KARLSRUHE, GERMANY 76131

ASSIGNEE:

FORSCHUNGSZENTRUM KARLSRUHE GMBH
WEBERSTRASSE 5
KARLSRUHE, GERMANY 76133

MCDONNELL BOEHNEN HULBERT

ERGHOFF LLP

COMPANY:300

WACKER DR.

022377/0763 PAGE 2

SERIAL NUMBER: 12306345

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: HIGHLY POROUS MAGNETIC TEMPORARY FIXED BED

ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

PATENT

REEL: 023316 FRAME: 0223

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

03/11/2009
500803655

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Rudolph Hausmann	01/22/2009
Matthias Franzreb	01/22/2009

RECEIVING PARTY DATA

Name:	UNIVERSITAT KARLSRUHE (TH)
Street Address:	Kaiserstrasse 12
City:	Karlsruhe
State/Country:	GERMANY
Postal Code:	76131

Name:	FORSCHUNGSZENTRUM KARLSRUHE GmbH
Street Address:	Weberstrasse 5
City:	Karlsruhe
State/Country:	GERMANY
Postal Code:	76133

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12306345

CORRESPONDENCE DATA

Fax Number: (312)913-0002

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Email: docketing@mbhb.com

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CH 340.00 12306345

PATENT

REEL: 023316 FRAME: 0224

MCDONNELL BOEHNEN HULBERT

ERGHOFF LLP

COMPANY:300

WACKER DR.

ATTORNEY DOCKET NUMBER:	08-1648
NAME OF SUBMITTER:	Emily Miao
Total Attachments: 3 source=20090309090412698#page1.tif source=20090309090412698#page2.tif source=20090309090412698#page3.tif	

ASSIGNMENT

Case No.: 08-1648
Inventors: Rudolf Hausmann and Matthias Franzreb
Date of Execution
of Application: February 13, 2009

Serial No.: 12/306,345
International Filing Date: July 4, 2007

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

UNIVERSITÄT KARLSRUHE (TH)
Kaiserstrasse 12
76131 Karlsruhe
GERMANY

and

FORSCHUNGSZENTRUM KARLSRUHE GmbH
Weberstrasse 5
76133 Karlsruhe
GERMANY

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

HIGHLY POROUS MAGNETIC TEMPORARY FIXED BED

and identified as:

Case No. 08-1648

in the offices of McDONNELL BOEHNEN HULBERT & BERGHOFF and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications

and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

WITNESS my hand and seal this 22 day of Jan., 2008. 2009

Rudolf Hausmann
Rudolf Hausmann

WITNESS:

By: [Signature]
(Signature)
Rudat
(Name)

220109
(Date Signed)

By: [Signature]
(Signature)
Fischer
(Name)

22.1.09
(Date Signed)

WITNESS my hand and seal this 22 day of Jan., 2008. 2009

Matthias Franzreb
Matthias Franzreb

WITNESS:

By: [Signature]
(Signature)

Rudat
(Name)

220109
(Date Signed)

By: [Signature]
(Signature)

Fischer
(Name)

22-1.09
(Date Signed)