

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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|------------------------------|---|
| SUBMISSION TYPE: | CORRECTIVE ASSIGNMENT |
| NATURE OF CONVEYANCE: | Corrective Assignment to correct the addition of the word "Foundation" after the word "Center" in receiving party previously recorded on Reel 018937 Frame 0132. Assignor(s) hereby confirms the assignment of Assignors' interest. |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| Edwin S. Olson | 11/21/2005 |
| Michael J. Holmes | 11/21/2005 |
| John H. Pavlish | 11/21/2005 |

RECEIVING PARTY DATA

| | |
|------------------------|---|
| Name: | ENERGY & ENVIRONMENTAL RESEARCH CENTER FOUNDATION |
| Street Address: | 15 North 23rd Street |
| City: | Grand Forks |
| State/Country: | NORTH DAKOTA |
| Postal Code: | 58202 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 11209163 |

CORRESPONDENCE DATA

Fax Number: (713)238-8008
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: (713) 238-8000
 Email: twestby@conleyrose.com
 Correspondent Name: Timothy S. Westby
 Address Line 1: P. O. Box 3267
 Address Line 4: Houston, TEXAS 77253-3267

| | |
|--------------------------------|-------------------|
| ATTORNEY DOCKET NUMBER: | 2380-00200 |
| NAME OF SUBMITTER: | Timothy S. Westby |

Total Attachments: 7

500240610

**PATENT
 REEL: 019023 FRAME: 0539**

CH \$40.00 11209163

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TO:TIMOTHY S. WESTBY COMPANY:P. O. BOX 3267

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.102/27/2007
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| SUBMISSION TYPE: | CORRECTIVE ASSIGNMENT | | | | | | | | | | |
|---|--|---------------|--|---------------------|----------------------|-------------------|-------------|-----------------|--------------|--------------|-------|
| NATURE OF CONVEYANCE: | Corrective Assignment to correct the spelling of the last name of Inventor Michael J. Holmes previously recorded on Reel 016810 Frame 0286. Assignor (s) hereby confirms the Assignment of Assignors' interest.. | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Edwin S. Olson</td> <td>11/21/2005</td> </tr> <tr> <td>Michael J. Holmes</td> <td>11/21/2005</td> </tr> <tr> <td>John H. Pavlish</td> <td>11/21/2005</td> </tr> </tbody> </table> | | Name | Execution Date | Edwin S. Olson | 11/21/2005 | Michael J. Holmes | 11/21/2005 | John H. Pavlish | 11/21/2005 | | |
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| Edwin S. Olson | 11/21/2005 | | | | | | | | | | |
| Michael J. Holmes | 11/21/2005 | | | | | | | | | | |
| John H. Pavlish | 11/21/2005 | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | |
| <table border="1"> <tr> <td>Name:</td> <td>Energy & Environmental Research Center</td> </tr> <tr> <td>Street Address:</td> <td>15 North 23rd Street</td> </tr> <tr> <td>City:</td> <td>Grand Forks</td> </tr> <tr> <td>State/Country:</td> <td>NORTH DAKOTA</td> </tr> <tr> <td>Postal Code:</td> <td>58202</td> </tr> </table> | | Name: | Energy & Environmental Research Center | Street Address: | 15 North 23rd Street | City: | Grand Forks | State/Country: | NORTH DAKOTA | Postal Code: | 58202 |
| Name: | Energy & Environmental Research Center | | | | | | | | | | |
| Street Address: | 15 North 23rd Street | | | | | | | | | | |
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| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11209163</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 11209163 | | | | | | |
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| Application Number: | 11209163 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
| <p>Fax Number: (713)238-8008 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 713.238.8000 Email: twestby@conleyrose.com Correspondent Name: Timothy S. Westby Address Line 1: P. O. Box 3267 Address Line 4: Houston, TEXAS 77253-3267</p> | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 2380-00200 | | | | | | | | | | |
| NAME OF SUBMITTER: | Timothy S. Westby | | | | | | | | | | |
| Total Attachments: 4 | | | | | | | | | | | |

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TO:TIMOTHY S. WESTBY COMPANY:P. O. BOX 3267

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ASSIGNMENT

IN CONSIDERATION OF TEN DOLLARS (\$10.00) each cash in hand paid to us by the Energy & Environmental Research Center Foundation, the receipt and sufficiency of which are hereby acknowledged, we, Edwin S. Olson, Michael J. Holmes, and John H. Pavlish ("ASSIGNORS"), having made an invention in Sorbents for the Oxidation and Removal of Mercury, while in the employ either as an employee or consultant of the University of North Dakota Energy & Environmental Research Center, does hereby ASSIGN, SELL and CONVEY to the Energy & Environmental Research Center Foundation, a North Dakota corporation having a business address of 15 N. 23rd Street, PO Box 9018, Grand Forks, ND 58202-9018 (sometimes hereinafter called "ASSIGNEE") its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in Sorbents for the Oxidation and Removal of Mercury;
2. United States of America patent application on said invention, filed concurrently herewith or as U.S. Patent Application No. 11/209,163 filed August 22, 2005 (Attorney's File No. 2380-00200); entitled Sorbents for the Oxidation and Removal of Mercury;
3. All applications for patent or like protection on said invention that have now been or may in the future be made by me or my legal representatives, including any continuation, continuation-in-part and any other utility applications that may be based on this invention, whether in the United States of America or any other place anywhere in the world;
4. All patents and like protection that have now been or may in the future be granted on said invention to us or our legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
5. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitation, those obtained or permissible under past, present and future laws and statutes;
6. All rights of action on account of past, present and future unauthorized use of said invention and for infringement of said patents and like protection;
7. The right in ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and
8. All international rights of priority associated with said invention, applications, patents and like protection;

and we covenant that we, and our heirs, legal representatives, assigns, administrators, and executors, will execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

EXECUTED at the place and on the date indicated below, opposite my signature.

ASSIGNOR

Date: 11-21-05

Edwin S. Olson

Edwin S. Olson

Executed at: UNDEERC

THE STATE OF NORTH DAKOTA §

§

COUNTY OF GRAND FORKS §

BEFORE ME, the undersigned authority, on this day personally appeared Edwin Olson, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 21st day of November, 2005

SEAL

Sheryl Landis

Notary Public in and for
the State of North Dakota

My Commission Expires:

4-19-07



ASSIGNOR

Date: Nov 21, 2005

Michael J. Holmes

Michael J. Holmes

Executed at: UNDEERC

THE STATE OF NORTH DAKOTA §

§

COUNTY OF GRAND FORKS §

BEFORE ME, the undersigned authority, on this day personally appeared Michael Holmes, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 21st day of November, 2005

2 of 3



SEAL

Sheryl Landis
Notary Public in and for
the State of North Dakota

My Commission Expires:

4-19-07

ASSIGNOR

Date: 11/21/05

John H. Pavlish
John H. Pavlish

Executed at: UNDERC

THE STATE OF NORTH DAKOTA §
 §
COUNTY OF GRAND FORKS §

BEFORE ME, the undersigned authority, on this day personally appeared John Pavlish, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 21st day of November, 2005

SEAL

Sheryl Landis
Notary Public in and for
the State of North Dakota

My Commission Expires:

4-19-07

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