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OMB No. 0651-0027 exp. 5/31/2002

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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):

Donovan N. Smith III and Wayne H. Wilke

11-7-03

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

3. Nature of conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other _____

Execution Date: 3 Nov 03

2. Name and address of receiving party(ies)

Name: JRW Bioremediation, LLC

Internal Address: _____

Street Address: 14321 West 96th Terrace

City: Lenexa State: KS Zip: 66215

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

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

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

A. Patent Application No.(s) 10/409,635

B. Patent No.(s) _____

Additional numbers attached? ☐ Yes ☒ No

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

Name: Alan J. Howarth

Internal Address: Clayton, Howarth & Cannon, PC

Street Address: P.O. Box 1909

City: Sandy State: UT Zip: 84091

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:

50-0836

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9. Signature.

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Alan J. Howarth

Name of Person Signing

Alan J. Howarth

Signature

11-4-2003

Date

Total number of pages including cover sheet, attachments, and documents: 5

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT
REEL: 014679 FRAME: 0001

A S S I G N M E N T

WHEREAS, Donovan N. SMITH III and Wayne H. WILKE, citizens of the United States of America having post office addresses of 6430 North Nevada Avenue, Parkville, Missouri 64152, and 16207 Dearborn, Stilwell, Kansas 66085, have co-invented a method and apparatus entitled ENVIRONMENTAL BIOREMEDIATION USING SHELL AS AN ELECTRON DONOR, hereinafter called the "invention," preferred embodiments of which are disclosed in a United States patent application assigned application serial no. 10/409,635 and filed on April 7, 2003 and identified as File No. T10128 of the law firm, Clayton, Howarth & Cannon, P.C., P.O. Box 1909, Sandy, Utah 84091.

WHEREAS, Assignee JRW Bioremediation, LLC, a Kansas limited liability company, organized and existing under the laws of the State of Kansas, located at 14321 West 96th Terrace, Lenexa, Kansas 66215, is desirous of acquiring the entire right, title and interest in the invention;

NOW THEREFORE, in consideration of one dollar (\$1.00) and other good and valuable consideration paid to us by the Assignee, the receipt and sufficiency of which is hereby acknowledged, WE HEREBY ASSIGN TO THE ASSIGNEE:

Our entire right, title and interest in said invention and in the above-identified United States

WHEN RECORDED RETURN TO:

Alan J. Howarth [T10128]
Clayton, Howarth & Cannon, P.C.
P.O. Box 1909
Sandy, Utah 84091

patent application and in all divisions, continuations and continuations-in-part of said application, or reissues or extensions of Letters Patent or Patents granted hereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing thereon in the United States and Foreign countries.

The right to file foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such applications.

We hereby authorize and request the United States Commissioner for Patents, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of our entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives.

We hereby agree, without further consideration and without expense to us, to sign all lawful papers and to perform all other lawful acts which the Assignee, or the Assignee's successors, assigns and legal representatives, may request of us to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States and foreign patent applications on said invention, and all lawful documents requested by the Assignee, or the Assignee's successors, assigns and legal representatives, to further the prosecution of any of such patent applications.

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Alan J. Howarth [T10128]
Clayton, Howarth & Cannon, P.C.
P.O. Box 1909
Sandy, Utah 84091

- 2 -

Cooperation to the best of our ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said invention.

This assignment and agreement shall be binding upon our heirs and legal representatives.

Executed this 3rd day of November, 2003, at Lenexa, Kansas.
(City, State)

Donovan M. Smith
Donovan SMITH

STATE OF Kansas)
COUNTY OF Johnson) ss.

On Nov. 3, 2003, before me personally appeared Donovan SMITH, known to me to be the person described and who signed the foregoing Assignment in my presence and acknowledged under oath before me that he has read the same and knows the contents thereof and that he executed the same as his free act and deed and for the purposes set forth therein.

 Jamel Rose
NOTARY PUBLIC

My Commission Expires: 11/6/05 Residing at Lenexa, KS

WHEN RECORDED RETURN TO:
Alan J. Howarth [T10128]
Clayton, Howarth & Cannon, P.C.
P.O. Box 1909
Sandy, Utah 84091

 JAMEL ROSE
Notary Public - State of Kansas
My Appl. Exp. 11/6/05

Executed this 3 day of November, 2003, at
Lenexa, KS
(City, State)

Wayne H. Wilke
Wayne H. WILKE

STATE OF Kansas)
COUNTY OF Johnson : ss.

On Nov. 3, 2003, before me personally appeared Wayne H. WILKE, known to me to be the person described and who signed the foregoing Assignment in my presence and acknowledged under oath before me that he has read the same and knows the contents thereof and that he executed the same as his free act and deed and for the purposes set forth therein.



Jamel Rose
NOTARY PUBLIC

My Commission Expires: 11/6/05 Residing at Lenexa, KS

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