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DEPARTMENT OF COMMERCE
States Patent and Trademark Office



12/29/08

RECOI

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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Rudy E. Rogers
Guochang Zhang

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

2. Name and address of receiving party(ies)

Name: Mississippi State University

Internal Address: P. O. Box 5282

Office of Technology Commercialization

Street Address: 403 Bost Extension Center

Office of Technology Commercialization

City: Mississippi State

State: MS

Country: U.S.A. Zip: 39762

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) November 12, 2008

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

12/284,018

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Larry A. Schemmel

Internal Address: Office of the Attorney General

P. O. Box 1850 Jackson, MS 39215-1850

Street Address: Office of the Attorney General

MDOT Building/9th Floor - 401 North West Street

City: Jackson

State: MS Zip: 39201

Phone Number: 601-359-7600

Fax Number: 601-359-7774

Email Address: lschemmel@mdot.state.ms.us

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40

- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 12/30/2008 DBYRNE 0000040 12284018

Authorized User Name 81 103541

9. Signature:

Larry A. Schemmel
Signature

12-29-08
Date

Larry A. Schemmel
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, I (we),

Rudy E. Rogers, 2017 S. Montgomery Street, Starkville, MS 39759 USA, and
Guochang Zhang, 24-O Wallace Circle, Starkville, MS 39759 USA,

respectively and hereinafter referred to as the applicant(s), have invented certain new and useful improvements in:

System for Stabilizing Gas Hydrates at Low Pressures

for which an application for Letters Patent has been executed:

Application No. 12/284,018 filed September 17, 2008; and

WHEREAS, Mississippi State University (hereinafter referred to as "ASSIGNEE"),
having a mailing address at:

Mississippi State University
Office of Technology Commercialization
P. O. Box 5282
Mississippi State, MS 39762

and a business address at:

Mississippi State University
Office of Technology Commercialization
403 Bost Extension Center
Mississippi State, MS 39762

is desirous of acquiring the full and exclusive right in and to said Invention and said application and the entire right, title, and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, for and in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt and sufficiency of which is hereby acknowledged, and for other good and valuable consideration, I (we), the applicant(s), by these presents do sell, assign, and transfer unto said ASSIGNEE the full and exclusive right in and to the said Invention in the United States and its territorial possessions and in any and all foreign countries, and the entire right, title, and interest

in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, continuations, substitutions, renewals, and reissues thereof.

I (we) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title, and interest in and to the same, for the sole use and behoof of said ASSIGNEE and said ASSIGNEE's successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

I (we) hereby covenant that I (we) have the full right to convey the entire interest herein assigned and that I (we) have not executed, and will not execute, any agreement in conflict herewith.

Further, I (we) agree that I (we) will communicate to said ASSIGNEE or said ASSIGNEE's representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal, and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything possible to aid said ASSIGNEE, and said ASSIGNEE's successors and assigns, to obtain and enforce proper patent protection for said Invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the Office of the Attorney General of the State of Mississippi the power to insert on this Assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

Rudy E Rogers
Rudy E. Rogers (Inventor)

DATE: 11/12/08, 2008

State of Mississippi
County of Okibbeha

Before me personally appeared said Rudy E. Rogers, who acknowledged the foregoing instrument to be his free act and deed and also represented that he is authorized to execute this Assignment.

Date: 11/12/08

[Signature]
Notary Public
(Seal)

My Commission expires:

MISSISSIPPI STATEWIDE NOTARY PUBLIC
MY COMMISSION EXPIRES OCT. 23, 2010
BONDED THRU STEGALL NOTARY SERVICE

Zhang
Guochang Zhang (Inventor)

DATE: 11/12/08, 2008

State of Mississippi
County of Okibbeha

Before me personally appeared said Guochang Zhang, who acknowledged the foregoing instrument to be his free act and deed and also represented that he is authorized to execute this Assignment.

Date: 11-12-08

[Signature]
Notary Public

My Commission expires:

MISSISSIPPI STATEWIDE NOTARY PUBLIC
MY COMMISSION EXPIRES OCT. 23, 2010
BONDED THRU STEGALL NOTARY SERVICE
1:MSUGasHydratesassignment.doc

(Seal)

STATE OF MISSISSIPPI



JIM HOOD
ATTORNEY GENERAL

December 29, 2008

Mail Stop Assignment Recordation Services
Director of the USPTO
P. O. Box 1450
Alexandria, VA 22313-1450

Re: Recordation of Assignment of Patent Application

Title: "System for Stabilizing Gas Hydrates at Low Pressures"
Application No.: 12/284,018
Filing Date: 09-17-2008
Inventors: Rudy E. Rogers, Guochang Zhang
Group Art Unit: 1797
Atty. Docket No.: 2006.0523

Dear Sir:

Enclosed is a Transmittal Form, Recordation Form Cover Sheet, Copy of Assignment of Patent Application, \$40 fee check, and a return receipt postcard regarding the above-referenced patent application. Please record the assignment document and let me know if you need anything further. Thank you for your assistance in this matter.

Sincerely,

Larry A. Schemmel
Special Assistant Attorney General
State of Mississippi

I:\Larry\MSUGasHydrates\assignmentrecord.ltr1