

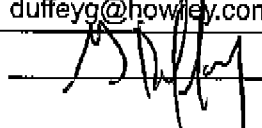
Form PTO-1595 (Rev. 07/05)  
 OMS No. 0651-0027 (exp. 6/30/2008)

U.S. DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office

# RECORDATION FORM COVER SHEET

## PATENTS ONLY

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

<b>1. Name of conveying party(ies)</b> Johnny Arnaud B. Franklin Beard Merle W. Schwartz Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<b>2. Name and address of receiving party(ies)</b> Name: Hydrotreat, Inc. Internal Address: Street Address: 12311 Amelia City: Houston State: Texas Country: USA Zip: 77045 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>3. Nature of conveyance/Execution Date(s):</b> Execution Date(s) April 5, 2005 <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other			
<b>4. Application or patent number(s):</b> A. Patent Application No.(s) 10/973,668 Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> This document is being filed together with a new application. B. Patent No.(s)	
<b>5. Name and address to whom correspondence concerning document should be mailed:</b> Name: Gregg A. Duffey Howrey LLP Internal Address: Street Address: 2941 Fairview Park Drive, Suites 200 & 300 City: Falls Church State: Virginia Zip: 22042 Phone Number: 713.787.1478 Fax Number: 713.787.1440 Email Address: duffeyg@howrey.com		<b>6. Total number of applications and patents involved:</b> 1 <b>7. Total fee (37 CFR 1.21(h) &amp; 3.41) \$</b> 40.00 <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)	
<b>9. Signature:</b>  Gregg A. Duffey, Reg. No. 42,501 Name of Person Signing		<b>8. Payment Information</b> a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 08-3038/11284.0036.CPUS02 Authorized User Name Howrey LLP	

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

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PATENT  
 REEL: 019405 FRAME: 0488

CH \$40.00 083038 10973668

PATENT  
FILE NO. 11284.0036.CPUS02  
(HYDB:029-5.2)

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to Hydrotreat, Inc. (the "Assignee"), having a place of business at 12311 Amelia, Houston, Texas 77045, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, Serial No. 10/973,668 which has been filed on **October 25, 2004** and is entitled "**METHODS AND APPARATUS FOR HEATING OIL PRODUCTION RESERVOIRS**", such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

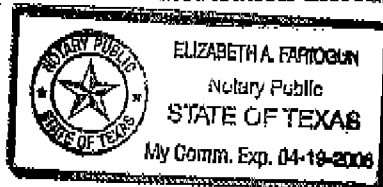
Signature: Johnny Arnaud  
Name: Johnny Arnaud

Date: April 5, 2005

STATE OF Texas )  
COUNTY OF Harris ) ss.

BEFORE ME, the undersigned authority, on this 5<sup>th</sup> day of April, 2005 personally appeared Johnny Arnaud, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]



[Signature]  
Notary or Consular Officer

Signature: B. Frank Beard  
Name: B. Franklin Beard

Date: \_\_\_\_\_

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss.

BEFORE ME, the undersigned authority, on this \_\_\_\_ day of \_\_\_\_\_, 2004, personally appeared B. Franklin Beard, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

\_\_\_\_\_  
Notary or Consular Officer

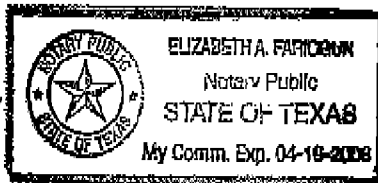
Signature: Merle W. Schwartz  
Name: Merle W. Schwartz

Date: April 5, 2005

STATE OF Texas )  
COUNTY OF Harris ) ss.

BEFORE ME, the undersigned authority, on this 5<sup>th</sup> day of April, 2005, personally appeared Merle W. Schwartz, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]



[Signature]  
Notary or Consular Officer

HOWREY SIMON ARNOLD & WHITE, LLP  
750 Bering Drive  
Houston, Texas 77057-2198

1299 Pennsylvania Avenue, N.W.  
Washington, DC 20004

**HOWREY**<sub>LLP</sub>

1111 LOUISIANA, 25TH FLOOR  
HOUSTON, TEXAS 77002  
PHONE: 713.787.1400 • FAX: 713.787.1440

**FACSIMILE COVER SHEET**

**DATE:** June 7, 2007

**TO:** **NAME:** ATTN: MARY BENTON

**COMPANY:** ASSIGNMENT DIVISION – U.S. PATENT & TRADEMARK OFFICE

**FAX NUMBER:** 571.273.0140 **PHONE NUMBER:** \_\_\_\_\_

**CITY:** \_\_\_\_\_

**FROM:** **NAME:** GREGG A. DUFFEY

**DIRECT DIAL NUMBER:** 713.787.1478 **USER ID:** 5357

**NUMBER OF PAGES, INCLUDING COVER:** 6 **CHARGE NUMBER:** 11284.0036.CPUS02

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**SUPPLEMENTAL MESSAGE:**

**RE: SERIAL NO. 10/973,668**

**MS. BENTON:**

**AS WE DISCUSSED YESTERDAY, ATTACHED IS THE  
ASSIGNMENT AND NON-RECORDATION DOCUMENT.**

**IF YOU HAVE ANY QUESTIONS, PLEASE DO NOT HESITATE TO  
CALL. THANK YOU FOR YOUR ASSISTANCE IN THIS MATTER.**

THE INFORMATION CONTAINED IN THIS TRANSMISSION IS PRIVILEGED AND CONFIDENTIAL. IT IS INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY NAMED ABOVE. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY US IMMEDIATELY BY TELEPHONE AND RETURN THE ORIGINAL MESSAGE TO US AT THE ABOVE ADDRESS VIA THE U.S. POSTAL SERVICE. THANK YOU.

IF THERE ARE ANY QUESTIONS OR REPLY WITH THE TRANSMISSION, PLEASE REPLY TO THE ABOVE ADDRESS.



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AUGUST 01, 2005

PTAS

**\*700187265A\***

\*700187265A\*

GREGG A. DUFFEY  
HOWREY LLP  
2941 FAIRVIEW PARK DRIVE, BOX 7  
FALLS CHURCH, VA 22042

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF NON-RECORDATION OF DOCUMENT

DOCUMENT ID NO.: 700187265

THE ENCLOSED DOCUMENT HAS BEEN EXAMINED AND FOUND NON-RECORDABLE BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. THE REASON(S) FOR NON-RECORDATION ARE STATED BELOW. DOCUMENTS BEING RESUBMITTED FOR RECORDATION MUST BE ACCOMPANIED BY A NEW COVER SHEET REFLECTING THE CORRECT INFORMATION TO BE RECORDED AND THE DOCUMENT ID NUMBER REFERENCED ABOVE.

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IF YOU HAVE ANY QUESTIONS REGARDING THIS NOTICE,  
YOU MAY CONTACT THE INDIVIDUAL WHOSE NAME APPEARS ON THIS NOTICE AT  
703-308-9723.

1. INVENTOR, B. FRANKLIN BEARD, DID NOT EXECUTE DATE THE ASSIGNMENT DOCUMENT. RETURN ALL DOCUMENTS BACK FOR RECORDING FAX 571-273-0140

MARY BENTON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

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DOCKET DEPT.  
HOWREY SIMON ARNOLD & WHITE, LLP

AUG 09 2005

WASHINGTON, D.C.  
PATENT

RECORDED: 06/07/2007

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