

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4284403

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RICHARD SNOW	01/17/2017
GEOFFREY PRESLEY	01/17/2017
JESSE MOHRBACHER	02/09/2017
RECEIVING PARTY DATA	
Name:	PYROPHASE, INC.
Street Address:	5000 S. CORNELL AVE.
Internal Address:	SUITE 18C
City:	CHICAGO
State/Country:	ILLINOIS
Postal Code:	60615
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15438384
CORRESPONDENCE DATA	
Fax Number:	(312)635-2299
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	3124048822
Email:	william.spence@spencepc.com
Correspondent Name:	SPENCE, PC
Address Line 1:	405 N WABASH AVE
Address Line 2:	SUITE P2E
Address Line 4:	CHICAGO, ILLINOIS 60611
ATTORNEY DOCKET NUMBER:	100047-P30018
NAME OF SUBMITTER:	JOHN G. TOLOMEI
SIGNATURE:	/John G. Tolomei/
DATE SIGNED:	02/21/2017
Total Attachments: 10	
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source=Stmt-signed-Snow#page1.tif
source=Stmt-signed-Snow#page2.tif

ASSIGNMENT

WHEREAS, We, Richard H. Snow of Chicago, Illinois, Geoffrey Presley of Spokane Washington, and Jesse Mohrbacher of Anchorage, Alaska are aware of the patent application entitled: SUPERCRITICAL WATER REACTOR FOR BITUMEN UPGRADING USING OIL WELL TECHNOLOGY and identified by United States Application Serial No. new application filed in the United States Patent and Trademark Office on; new application; and

WHEREAS PyroPhase, Inc. (hereinafter "ASSIGNEE"), having a usual place of business at 5000 S. Cornell Ave Suite 18C, Chicago IL 60615, desires to acquire or confirm an interest therein;

NOW, THEREFORE, to all whom it may concern be it known that, in consideration of agreements previously and duly entered into between the parties, and/or for other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned, and transferred and/or do hereby sell, assign, and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, our entire right, title, and interest in and throughout the United States of America, its territories and all foreign countries, in and to any and all inventions described in the patent application, and/or any priority applications noted above, including any right of priority thereto; and hereby confirm that my sale, assignment and transfer is and was effective at least as of the filing date of the patent application and/or priority application. Our sale, assignment and transfer applies to the above-referenced patent application, and to any application that is based in whole or in part on the patent application, including any divisional, continuing, substitute, renewal, reissue, reexamination and other applications, for example that claim priority to the patent application. Also, this sale, assignment and transfer pertains to any and all other rights arising under or pursuant to any and all international agreements, treaties, or laws relating to the protection of industrial property, including all rights of priority under the International Convention for the Protection of Industrial Property, and in and to any such patent(s) as may issue thereon including any and all original and reissued patents which have been or shall be issued in the United States and foreign countries; said inventions, applications, and patent(s) to be held and enjoyed by ASSIGNEE for its own use and for its successors, assigns and legal representatives, to the full end of the term for which said patent(s) may be granted as fully and entirely as the same would have been held by us had this sale, assignment and transfer not been made;

AND, we hereby acknowledge that this Assignment, being of our entire right, title, and interest in and to the inventions, carries with it the right in ASSIGNEE, by attorneys and agents of ASSIGNEE selection, to apply for and receive any and all patent(s) for said inventions in its own name;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the patent(s) to ASSIGNEE, its successors, assignees, and legal representatives, but at its expense and charges, including the execution of application for patents in foreign countries, the execution of substitution, reissue, divisional or continuation applications, and the giving of testimony, preliminary statements, or other statements in any

interference or other proceeding in which the inventions or any applications or patents directed to the inventions may be involved by communicating to the ASSIGNEE all facts we know relating to the inventions and their history, and generally by doing everything possible which ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for the inventions and for vesting title in the inventions and all applications for patent and all patents on the inventions in ASSIGNEE;

AND, we further hereby authorize ASSIGNEE or its attorneys or agents to insert the correct serial number(s) and/or filing date(s) into this assignment document, if appropriate;

AND, we hereby appoint ASSIGNEE as my common agent for purposes of prosecuting international patent applications and any national patent applications for which such common agency is recognized;

AND, we hereby request the Commissioner for Patents of the United States Patent and Trademark Office to issue any and all patent(s) as shall be granted upon said application or applications based thereon to ASSIGNEE, its successors, assigns, and legal representatives;

AND, we covenant with said ASSIGNEE that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by us, and that full right to convey the same as herein expressed is possessed by us.

SIGNED this 17 day of January, 2017.

Richard H. Snow
Richard H. Snow

Geoffrey Presley

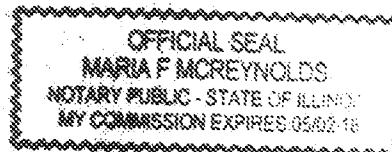
Jesse Mohrbacher

STATE OF Illinois)
SS. COUNTY OF Jefferson)

Before me this 17th day of January, 2017, personally appeared Richard H. Snow, and proved to me through satisfactory evidence of identity which was to be the person whose name is signed on the preceding or attached document, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.

Maria F. McReynolds
NOTARY PUBLIC

Name: Maria F. McReynolds



ASSIGNMENT

WHEREAS, We, Richard H. Snow of Chicago, Illinois, Geoffrev Preslev of Spokane Washington, and Jesse Mohrbacher of Anchorage, Alaska are aware of the patent application entitled: SUPERCRITICAL WATER REACTOR FOR BITUMEN UPGRADING USING OIL WELL TECHNOLOGY and identified by United States Application Serial No. new application filed in the United States Patent and Trademark Office on; new application; and

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AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the patent(s) to ASSIGNEE, its successors, assignees, and legal representatives, but at its expense and charges, including the execution of application for patents in foreign countries, the execution of substitution, reissue, divisional or continuation applications, and the giving of testimony, preliminary statements, or other statements in any

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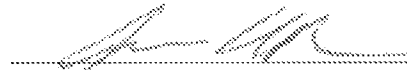
AND, we hereby request the Commissioner for Patents of the United States Patent and Trademark Office to issue any and all patent(s) as shall be granted upon said application or applications based thereon to ASSIGNEE, its successors, assigns, and legal representatives;

AND, we covenant with said ASSIGNEE that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by us, and that full right to convey the same as herein expressed is possessed by us.

SIGNED this 9th day of February, 2017.

Richard H. Snow

Geoffrey Presley



Jesse Mohrbacher

STATE OF _____)
SS. COUNTY OF _____)

Before me this _____ day of _____, 2017, personally appeared Richard H. Snow, and proved to me through satisfactory evidence of identity which was to be the person whose name is signed on the preceding or attached document, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.

NOTARY PUBLIC

Name: _____

My Commission Expires: _____

Before me this _____ day of _____, 2017, personally appeared Geoffrey Presley, and proved to me through satisfactory evidence of identity which was to be the person whose name is signed on the preceding or attached document, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.

NOTARY PUBLIC

Name: _____

My Commission Expires: _____

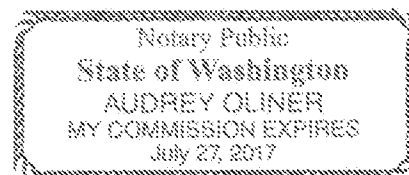
Before me this 9 day of February, 2017, personally appeared Jesse Mohrbacher, and proved to me through satisfactory evidence of identity which was to be the person whose name is signed on the preceding or attached document, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.

Audrey Oliner

NOTARY PUBLIC

Name: Audrey Oliner

My Commission Expires: 7-24-2017



ASSIGNMENT

WHEREAS, We, Richard H. Snow of Chicago, Illinois, Geoffrey Presley of Spokane Washington, and Jesse Mohrbacher of Anchorage, Alaska are aware of the patent application entitled: SUPERCRITICAL WATER REACTOR FOR BITUMEN UPGRADING USING OIL WELL TECHNOLOGY and identified by United States Application Serial No. new application filed in the United States Patent and Trademark Office on; new application; and

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interference or other proceeding in which the inventions or any applications or patents directed to the inventions may be involved by communicating to the ASSIGNEE all facts we know relating to the inventions and their history, and generally by doing everything possible which ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for the inventions and for vesting title in the inventions and all applications for patent and all patents on the inventions in ASSIGNEE;

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SIGNED this 17th day of January, 2017.

Richard H. Snow


Geoffrey Presley

Jesse Mohrbacher

STATE OF _____)
SS. COUNTY OF _____)

Before me this _____ day of _____, 2017, personally appeared Richard H. Snow, and proved to me through satisfactory evidence of identity which was to be the person whose name is signed on the preceding or attached document, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.

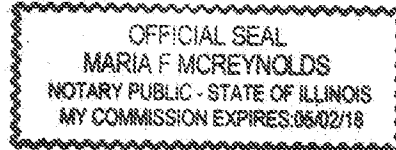
NOTARY PUBLIC

Name: _____

My Commission Expires: _____

Before me this 17th day of January, 2017, personally appeared Geoffrey Presley, and proved to me through satisfactory evidence of identity which was to be the person whose name is signed on the preceding or attached document, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.

Maria F. McReynolds
NOTARY PUBLIC



Name: Maria F. McReynolds

My Commission Expires: 5-2-18

Before me this _____ day of _____, 2017, personally appeared Jesse Mohrbacher, and proved to me through satisfactory evidence of identity which was to be the person whose name is signed on the preceding or attached document, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.

NOTARY PUBLIC

Name: _____

My Commission Expires: _____

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(c)Applicant/Patent Owner: Richard H. Snow, Geoffrey Presley and Jesse MohrbacherApplication No./Patent No.: new application Filed/Issue Date: new applicationTitled: SUPERCRITICAL WATER REACTOR FOR BITUMEN UPGRADING USING OIL WELL TECHNOLOGYPyroPhase, Inc. _____, a corporation of Delaware

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that, for the patent application/patent identified above, it is (choose one of options 1, 2, 3 or 4 below):

1. ☒ The assignee of the entire right, title, and interest.
2. ☐ An assignee of less than the entire right, title, and interest (check applicable box):
- ☐ The extent (by percentage) of its ownership interest is _____. Additional Statement(s) by the owners holding the balance of the interest must be submitted to account for 100% of the ownership interest.
- ☐ There are unspecified percentages of ownership. The other parties, including inventors, who together own the entire right, title and interest are:

Additional Statement(s) by the owner(s) holding the balance of the interest must be submitted to account for the entire right, title, and interest.

3. ☐ The assignee of an undivided interest in the entirety (a complete assignment from one of the joint inventors was made). The other parties, including inventors, who together own the entire right, title, and interest are:

Additional Statement(s) by the owner(s) holding the balance of the interest must be submitted to account for the entire right, title, and interest.

4. ☐ The recipient, via a court proceeding or the like (e.g., bankruptcy, probate), of an undivided interest in the entirety (a complete transfer of ownership interest was made). The certified document(s) showing the transfer is attached.

The interest identified in option 1, 2 or 3 above (not option 4) is evidenced by either (choose one of options A or B below):

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at

Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at

Reel _____, Frame _____, or for which a copy thereof is attached.

[Page 1 of 2]

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT
REEL: 041325 FRAME: 0107

STATEMENT UNDER 37 CFR 3.73(c)

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
 Reel _____, Frame _____, or for which a copy thereof is attached.

4. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
 Reel _____, Frame _____, or for which a copy thereof is attached.

5. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
 Reel _____, Frame _____, or for which a copy thereof is attached.

6. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
 Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet(s).

☐ As required by 37 CFR 3.73(c)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Richard H. Snow
 Signature

Jan 17, 2017
 Date

Richard H. Snow
 Printed or Typed Name

Secretary
 Title or Registration Number