

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2644618

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| STEPHEN J VESPER | 07/03/2013 |
| RECEIVING PARTY DATA | |
| Name: | UNIVERSITY OF CINCINNATI |
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| City: | CINCINNATI |
| State/Country: | OHIO |
| Postal Code: | 452210829 |
| PROPERTY NUMBERS Total: 2 | |
| Property Type | Number |
| Application Number: | 10395893 |
| Patent Number: | 7252986 |
| CORRESPONDENCE DATA | |
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| NAME OF SUBMITTER: | GEOFFREY PINSKI |
| Signature: | /Geoffrey Pinski/ |

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 REEL: 031759 FRAME: 0410

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| Date: | 12/11/2013 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |
| Total Attachments: 2 source=Vesper-Assignment#page1.tif source=Vesper-Assignment#page2.tif | |

ASSIGNMENT

WHEREAS, Stephen J. Vesper, residing at 24 Belsaw Place, Cincinnati, OH, 45220, (hereinafter "Assignor") have invented certain new and useful inventions and improvements (hereinafter "Invention") described in the United States patent application entitled "Process For The Biodegradation Of Hydrocarbons And Ethers In Subsurface Soil By Introduction Of A Solid Oxygen Source By Hydraulic Fracturing" for which Assignor have made application for LETTERS PATENT OF THE UNITED STATES, which application was filed on March 25, 2003 as Application No. 10/395,893 and issued as US Patent # 7,252,986;

WHEREAS, University of Cincinnati, a state institution of higher education organized under Section 3361 of the Ohio Revised Code, having a place of business at 51 Goodman Drive, Suite 240, Cincinnati, Ohio, 45221-0829, (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to the Invention within the United States of America and its territorial possessions and all foreign countries, and in and to any United States or foreign LETTERS PATENT that may be granted therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor has assigned, sold and transferred, and does assign, sell and transfer to the Assignee, its successors and assigns, the entire right, title and interest in and to the Invention within the United States of America and its territorial possessions and all foreign countries, and in and to any LETTERS PATENT of the United States and foreign countries, including utility models, inventor's certificates and like government grants that may be granted for any and all portions thereof, and in and to the patent application identified above and applications for patent filed for the Invention in all foreign countries and all provisional, divisional, reissue, continuation, continuation-in-part applications and extensions of any of the applications for patent or LETTERS PATENT identified herein, including all applications claiming the priority of said applications for patent or LETTERS PATENT identified herein, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignor by local laws or by treaty, including any international convention, for the protection of industrial property, together with the right to extend the protection of the United States LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the United States of America. Assignee will hold all rights for its own use and benefit and for the use and benefit of its successors or assigns to the full end of the term for which the LETTERS PATENT may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. Assignor requests and authorizes the Commissioner of the U.S. Patent and Trademark Office, and foreign counterpart officials of foreign patent offices, to issue respective LETTERS PATENT in the United States and foreign countries when granted, in accordance with this assignment.

Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the Invention, which title Assignor warrants to the Assignee. Assignor further agrees that Assignor will, without demanding any further consideration therefor, at the request and expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining,

extending, reissuing or reexamining United States and foreign LETTERS PATENT or the like for the Invention, and for maintaining and perfecting the Assignee's right to the Invention and LETTERS PATENT particularly in cases of interference conflict, opposition and litigation.

IN WITNESS WHEREOF, the undersigned have executed this Assignment as of the date first set forth below.

Name: Stephen J. Vesper

Signature: [Signature]

Title: D. Reg. 51

State: Ohio

County: Hamilton) SS:

On this 3 day of July, 2013 before me, Tina M. Gallimore, personally appeared Stephen J. Vesper, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within in instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of Ohio that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Tina M. Gallimore
Notary Public

TINA M. GALLIMORE
NOTARY PUBLIC, STATE OF OHIO
MY COMMISSION EXPIRES 6/5/16

SEAL