PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3907909

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GREGORY EDWARDS	06/07/2016
LOUIS F. CENTOFANTI	06/03/2016

RECEIVING PARTY DATA

Name:	PERMA-FIX ENVIRONMENTAL SERVICES, INC.	
Street Address:	8302 DUNWOODY PLACE	
Internal Address:	SUITE 250	
City:	ATLANTA	
State/Country:	GEORGIA	
Postal Code:	30350	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14208870

CORRESPONDENCE DATA

Fax Number: (248)433-7274

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.

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Email: TSMITH@DICKINSONWRIGHT.COM

DICKINSON WRIGHT, PLLC. **Correspondent Name:** Address Line 1: 2600 WEST BIG BEAVER ROAD

Address Line 2: SUITE 300

Address Line 4: TROY, MICHIGAN 48084

ATTORNEY DOCKET NUMBER:	707010-01001
NAME OF SUBMITTER:	KIMBERLY M. SLAVEN
SIGNATURE:	/KIMBERLY M. SLAVEN/
DATE SIGNED:	06/08/2016

Total Attachments: 2

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> **PATENT** REEL: 038842 FRAME: 0047 503861260

Attorney No.: 707010-01001 U.S. Appl. No.: 14/208,670

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ASSIGNMENT

THIS ASSIGNMENT, by **Gregory Edwards and Louis F. Centofanti**, residing at 748 Prince George Parish Drive, Knoxville, Tennessee 37934, and 315 Widerlake Ct., Atlanta, Georgia 30328, (hereinafter referred to as "the Assignors"), respectively witnesseth:

WHEREAS, the Assignors have invented certain new and useful inventions and improvements in

METHODS AND APPARATUS FOR RECOVERING SUBSURFACE FREE MERCURY AND DECONTAMINATING A SUBSTRATE

set forth in an application for Letters Patent of the United States, which is a

- (1.) [X] Non-provisional application
 - (a) [X] bearing Application No. 14/208,870 and filed on March 13, 2014;
 - (b) [] having an oath or declaration executed on even date herewith prior to filing of application
 - (c) [] having an oath or declaration executed on a different date than this Assignment; and

WHEREAS, <u>PERMA-FIX ENVIRONMENTAL SERVICES, INC.</u>, a corporation duly organized under and pursuant to the laws of <u>Georgia</u>, and having a principal place of business at 8302 Dunwoody Place, Suite 250, Atlanta, Georgia 30350, (hereinafter referred to as "the Assignees"), are desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon, as well as any rights to sue for past infringement,

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignees, their successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignees, for its own use and behoof and the use and behoof of their successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignees, their successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignor is the sole and lawful owner of the entire right, title, and interest

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in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignor has good and full right and lawful authority to self and convey the same in the manner herein set forth;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignees, their successors, legal representatives, and assign that the Assignor will, whenever counsel of the Assignees, or the counsel of their successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country. including interference, ex parte reexamination, post grant opposition (if applicable), and inter partes review proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful paths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignees, their successors, legal representatives, and assigns, but at the cost and expense of the Assignees, their successors, legal representatives, and assigns;

AND the Assignor hereby authorizes and requests the attorneys of Dickinson Wright PLLC to insert in the spaces provided above the title of the invention, filing date, application number, and attorney's docket number of said application when known.

AND the Assignor hereby requests the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignees as the Assignees of said invention, the Letters Patent to be issued for the sole use and behoof of the Assignees, their successors, legal representatives, and assigns.

DATE: 6/7//6

Gregory Edwards

Louis F. Centofanti

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RECORDED: 06/08/2016