

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5062696

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
GRAND DIRECTIONS, LLC	09/02/2015
RECEIVING PARTY DATA	
Name:	GRAND ABYSS, LLC
Street Address:	2448 EAST 81ST STREET, SUITE 4040
City:	TULSA
State/Country:	OKLAHOMA
Postal Code:	74137
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16042529
CORRESPONDENCE DATA	
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<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>	
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ATTORNEY DOCKET NUMBER:	009665-00027
NAME OF SUBMITTER:	PAUL E. ROSSLER
SIGNATURE:	/PAUL E. ROSSLER/
DATE SIGNED:	07/23/2018
Total Attachments: 3	
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ASSIGNMENT

This assignment is effective as of September 2, 2015. In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:

Grand Directions, L.L.C.
2448 East 81st Street, Suite 4040
Tulsa, Oklahoma 74137
State of Formation: Oklahoma

hereby sells, assigns and transfers to:

ASSIGNEE:

Grand Abyss, LLC
2448 East 81st Street, Suite 4040
Tulsa, Oklahoma 74137
State of Formation: Oklahoma

and the successors, assigns and legal representatives of ASSIGNEE, ASSIGNOR's entire right, title and interest in the inventions associated with the patent applications and issued patents identified in Exhibit A, attached hereto.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said inventions, patent applications, Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said patent applications, inventions, Letters Patent and equivalents thereof which may be necessary or desirable to carry out the purposes thereof, including the right to claim priority in and to all Letters Patent obtained for said applications or for any continuations, divisions, renewals or substitutes thereof as to Letters Patent resulting from any reissue or re-examination thereof.

IN WITNESS WHEREOF, I have hereunto set hand and seal this 2nd day of September, 2015.

GRAND DIRECTIONS, L.L.C.,
an Oklahoma limited liability company

A handwritten signature in black ink, appearing to read 'Marvin Robinowitz', written over a horizontal line.

Marvin Robinowitz, Manager

EXHIBIT A

Expired Applications

Title	Application No.	Filed
Method of Disposal of Nuclear Waste and Other Types of Hazardous Waste	61502557	06/29/2011
Abyssal Sequestration of Nuclear Waste and Other Types of Hazardous Waste	PCT/US2012/045084	06/29/2012

Patent Applications

Title	Country	Application No.	Filed
Abyssal Sequestration of Nuclear Waste and Other Types of Hazardous Waste	Europe	12738296.8	12/30/2013
Abyssal Sequestration of Nuclear Waste and Other Types of Hazardous Waste	Canada	2840607	12/27/2013
Abyssal Sequestration of Nuclear Waste and Other Types of Hazardous Waste	China	201280032717.3	12/30/2013
Abyssal Sequestration of Nuclear Waste and Other Types of Hazardous Waste	India	2452/MUMNP/2013	12/26/2013
Abyssal Sequestration of Nuclear Waste and Other Types of Hazardous Waste	Japan	2014-519189	12/27/2013
Abyssal Sequestration of Nuclear Waste and Other Types of Hazardous Waste	Korea	10-2014-7002412	01/28/2014
Abyssal Sequestration of Nuclear Waste and Other Types of Hazardous Waste	United States	14942643	11/16/2015

Issued Patent

Title	Patent No.	Issued	Serial No.	Filed
Abyssal Sequestration of Nuclear Waste and Other Types of Hazardous Waste	9190181	11/17/2015	14129504	12/26/2013