

PATENT ASSIGNMENT

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Verlin Dannar	01/29/2010
Robert S. Pfeiffer	02/01/2010
Roland P. DeBruyn	01/29/2010
Shane Bower	02/02/2010
Glenn A. Ulrich	02/01/2010
Jeffrey L. Weber	01/29/2010
David Brock	01/29/2010
Jim Ford	01/29/2010
Travis Meyers	01/29/2010
Mark Finkelstein	01/29/2010

RECEIVING PARTY DATA

Name:	LUCA Technologies, Inc.
Street Address:	500 Corporate Circle, Suite C
City:	Golden
State/Country:	COLORADO
Postal Code:	80401

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12639483

CORRESPONDENCE DATA

Fax Number: (415)576-0300

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Email: gbernard@townsend.com

Correspondent Name: Eugene J. Bernard

Address Line 1: Townsend and Townsend and Crew LLP

501124868

PATENT
REEL: 024110 FRAME: 0907

CH \$40.00 12639483

Address Line 2:	Two Embarcadero Center - 8th Floor
Address Line 4:	San Francisco, CALIFORNIA 94111

ATTORNEY DOCKET NUMBER:	025792-002300US
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NAME OF SUBMITTER:	Eugene J. Bernard
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Total Attachments: 3 source=025792-002300US Assignment#page1.tif source=025792-002300US Assignment#page2.tif source=025792-002300US Assignment#page3.tif

Attorney-Doctel No.: 025793-002100116

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Verlin Danner of 271 Spatty Gulch Road, Sheridan, WY 82801; Robert S. Pfeiffer of 5970 North Belmont Way, Parker, CO 80108; Roland P. DeBruyn of 3870 White Bay Drive, Highlands Ranch, CO 80126; Shane Bauer of 722 Washington Avenue, #2011, Golden, CO 80401; Glenn A. Ulrich of 275 Highway C, Rolla, MO 65401; Jeffrey L. Weber of 4920 East 6th Avenue, Denver, CO 80220; David Brock of 1652 West Canal Circle, Unit #333, Liridon, CO 80120; Jim Ford of P.O. Box 2023, Gillette, WY 82716; Travis Meyers of 113 Aster Lane, Gillette, WY 82716; and Mark Pinkstein of 22533 High Lane, Morrison, CO 80401, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: BIOGENIC FUEL GAS GENERATION IN GEOLOGIC HYDROCARBON DEPOSITS

Date(s) of execution of Declaration:

Filing Date: December 16, 2009

Application No.: 12/639,483; and

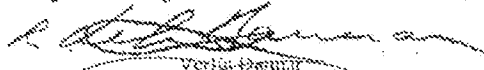
WHEREAS, LUCA Technologies, Inc., a corporation of the state of Delaware, located at 500 Corporate Circle, Suite C, Golden, CO 80401, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same:

For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignor's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted therein, or of any division, extension, continuation in whole or in part, substitution, conversion, renewal, prolongation or extension thereof.

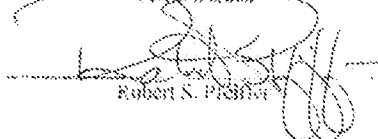
Assignors further agree that they will, without charge to Assignor, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to verify title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the date indicated

Dated, 1-27-10


Verlin Danner

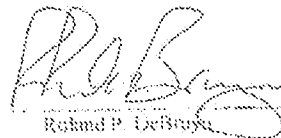
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Robert S. Pfeiffer

PATENT

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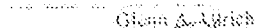
Dated: Jan 29/10


Richard P. DeBruin

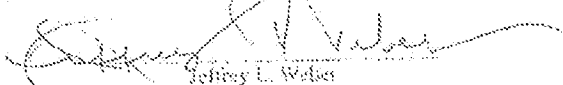
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Shaun Brown

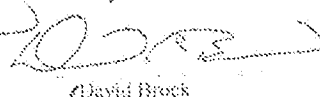
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Glenn A. Ulrich

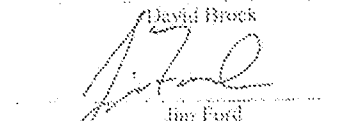
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Jeffrey L. Weber

Dated: 1/29/2010


David Brock

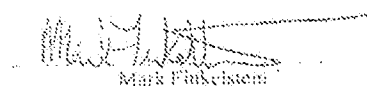
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Jim Ford

Dated: 1/29/2010


Travis Meyer

Dated: 1/29/2010


Mark Finkelstein

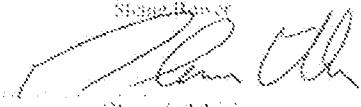
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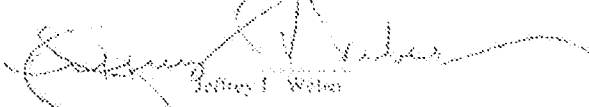

Richard P. DeBruin

Dated:

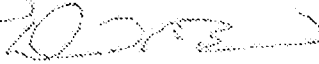
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Glenn A. Adick

Dated: Feb 29, 2010


Jeffrey J. Wilson

Dated: 1/29/2010


David Brock

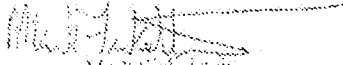
Dated:

Jim Ford

Dated:

David Meyer

Dated: 1/29/2010


Mark F. H. H. H.

03/19/2010