

PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Robert S. Pfeiffer	04/11/2006
Glenn Ulrich	04/11/2006
Gary Vanzin	04/11/2006
Verlin Dannar	04/18/2006
Roland P. DeBruyn	04/12/2006
James B. Dodson	04/11/2006

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11343429

CORRESPONDENCE DATA

Fax Number: (415)576-0300
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: (303) 571-4000
Email: g3b@townsend.com
Correspondent Name: Eugene J. Bernard
Address Line 1: Townsend and Townsend and Crew LLP
Address Line 2: Two Embarcadero Center, Eighth Floor
Address Line 4: San Francisco, CALIFORNIA 94111-3834

ATTORNEY DOCKET NUMBER: 025792-000310US

PATENT

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REEL: 017503 FRAME: 0405

CH \$40.00 11343429

NAME OF SUBMITTER:

Eugene J. Bernard

Total Attachments: 2

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ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Robert S. Pfeiffer of 5970 N. Belmont Way, Parker, CO 80108; Glenn Ulrich of 5091 Pine Ridge Drive, Golden, CO 80403; Gary Vanzin of 12134 W. 85th Ave., Arvada, CO 80005; Verlin Dannar of 271 Bailey Gulch Road, Sheridan, WY 82801; Roland P. DeBruyn of 3870 White Bay Drive, Highlands Ranch, CO 80126; and James B. Dodson of 257 Lead Queen Drive, Castle Rock, CO 80108, 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: January 30, 2006

Application No.: 11,343,429; and

WHEREAS, LUCA Technologies, LLC, 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 Assignors, 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 Assignee'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 thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, 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 vest title thereto in Assignee, or Assignee's successors and assigns.

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

Dated: 4/11/06


Robert S. Pfeiffer

Dated: 4/11/06

Glenn Ulrich

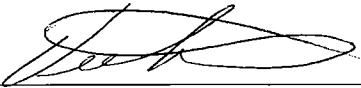
Assignment
Attorney Docket No.: 025792-000310US
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Dated: April 11, 2006



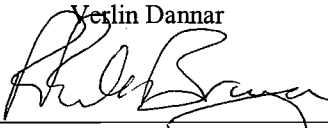
Gary Vanzin

Dated: 4-18-06



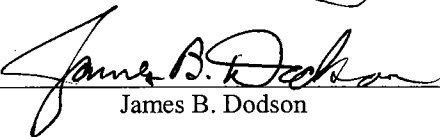
Verlin Dannar

Dated: April 12, 2006



Roland P. DeBruyn

Dated: April 11, 2006



James B. Dodson

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