PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: CHANGE OF NAME

CONVEYING PARTY DATA

Name	Execution Date
WORLDENERGY SYSTEMS INCORPORATED	08/13/2007

RECEIVING PARTY DATA

Name:	WORLD ENERGY SYSTEMS INCORPORATED
Street Address:	2501 Parkview Drive, Suite 500
City:	Fort Worth
State/Country:	TEXAS
Postal Code:	76102

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11358390

CORRESPONDENCE DATA

Fax Number: (713)623-4846 Phone: (713) 623-4844

Email: psdocketing@pattersonsheridan.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: PATTERSON & SHERIDAN, L.L.P.
Address Line 1: 3040 Post Oak Blvd., Suite 1500
Address Line 4: Houston, TEXAS 77056-6582

ATTORNEY DOCKET NUMBER: 1828.033617 (WESI/0007US)

NAME OF SUBMITTER: Suzanne Courtney

Total Attachments: 11

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Corporations Section P.O.Box 13697 Austin, Texas 78711-3697



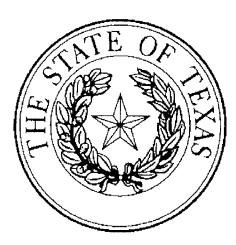
Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

World Energy Systems Incorporated Filing Number: 68509000

Articles of Incorporation Articles Of Amendment Articles of Amendment Articles of Amendment December 29, 1983 October 10, 1984 December 04, 2006 August 16, 2007

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on January 20, 2009.



Hope Andrade Secretary of State

FILED
In the Office of the
Secretary of State of Texas

DEC 29 1983

ARTICLES OF INCORPORATION OF WORLD EXPLORATION SYSTEMS, INC.

Clerk B Corporations Section on years or

The undersigned natural person of the age of eighteen years or more, acting as the incorporator of a corporation under the Texas Business Corporation Act, does hereby adopt the following Articles of Incorporation for such corporation:

- 1. NAME. The name of the corporation is WORLD EXPLORATION SYSTEMS, INC.
 - 2. DURATION. The period of its duration is perpetual.
- 3. <u>PURPOSES</u>. The corporation is being organized under the Texas Business Corporation Act for the purpose of carrying out any lawful purpose or purposes.
- 4. SHARES. The aggregate number of shares which the corporation may issue is 1,000,000, each having a par value of \$1.00. The shares shall be designated as Common Stock and shall have identical rights and privileges in every respect.
- 5. COMMENCEMENT OF BUSINESS. The corporation will not commence business until it has received for the issuance of its shares consideration having a minimum value of One Thousand and No/100 Dollars (\$1,000.00) and consisting only of labor done or money or property actually received.
- 6. NO PRE-EMPTIVE RIGHTS. No shareholder or other person may have any pre-emptive rights.

7. SPECIAL PROVISIONS PERMITTED TO BE SET FORTH IN ARTICLES OF INCORPORATION:

A. Interested Directors, Officers, and Shareholders.

- (1) If paragraph (2) below is satisfied, no contract or other transaction between the corporation and any of its directors, officers, or shareholders (or any corporation or firm in which any of them is directly or indirectly interested) shall be invalid solely because of this relationship or because of the presence of such director, officer, or shareholder at the meeting authorizing such person's participation in such meeting or authorization.
 - (2) Paragraph (1) above shall apply only if:
 - (a) The contract or transaction is fair to the corporation as of the time it is authorized or ratified by the Board of Directors, a committee of the Board, or the shareholders; or
 - (b) The material facts of the relationship or interest of each such director, officer, or shareholder are known or disclosed: (i) to the shareholders and they nevertheless authorize or ratify the contract or transaction by a majority of the shares present, each such interested person to be counted for quorum and voting purposes; or (ii) to the Board of Directors and it nevertheless authorizes or ratifies the contract or

transaction by a majority of the directors present, each such interested director to be counted in determining whether a quorum is present but not in calculating the majority necessary to carry the vote.

- (3) The provisions contained in paragraphs (1) and (2) above shall not be construed to invalidate a contract or transaction which would be valid in the absence of such provisions.
- Indemnification. The corporation shall indemnify, to the extent hereafter provided, any director, officer, agent or employee of the corporation; and any person who may have served at the corporation's request as a director, officer, agent or employee of another corporation in which the corporation owns or has owned stock, or of which it is or has been a creditor. The indemnification shall be against expenses actually and necessarily incurred by such person, and any amount paid in satisfaction of judgments in connection with any action, suit, or proceeding (whether civil or criminal) in which he is made a party by reason of being or having been such a director, officer, agent, or employee (whether or not such at the time the costs or expenses are incurred by or imposed by him) except in relation to matters as to which he shall be adjudged in such action, suit, or proceeding to be liable for gross negligence or willful misconduct in the performance of duty. The corporation may also reimburse to any such person the reasonable costs of settlement

of any such action, suit, or proceeding, if it is found by a majority of the committee of the directors not involved in the matter (whether or not a quorum) that it was to the interest of the corporation to make such settlement and that such person was not guilty of gross negligence or willful misconduct. These rights of indemnification and reimbursement shall not be exclusive of any other rights to which such person may be entitled by law, agreement, shareholders' vote, or otherwise.

- C. <u>By-laws</u>. The power to alter, amend, or repeal the By-laws is hereby vested in the Board of Directors.
- D. <u>Non-Cumulative Voting</u>. Directors shall be elected by plurality vote. Cumulative voting shall not be permitted.
- E. <u>Purchase Own Stock</u>. The corporation may, directly or indirectly, purchase its own shares to the extent of the aggregate of unrestricted capital surplus available therefor and unrestricted reduction surplus available therefor.
- 8. REGISTERED OFFICE AND AGENT. The street address of the corporation's initial registered office and the name of its initial registered agent at such address is as follows:

John E. Langdon 2120 Ridgmar Boulevard Fort Worth, Texas 76116 9. <u>INITIAL DIRECTORS</u>. The number of directors constituting the initial board of directors is one, and the name and address of the person who will serve as director until the first annual meeting of the shareholders and until his successors have been elected and qualified are:

Name

Address

John E. Langdon

2120 Ridgmar Boulevard Fort Worth, Texas 76116

10. INCORPORATOR. The name and address of the incorporator is:

Name

Address

Marvin E. Blum

1402 Texas American Bank Building Fort Worth, Texas 76102

This instrument is dated and signed by the undersigned on O(4000) , 1983.

MARVIN E. BLUM

STATE OF TEXAS

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COUNTY OF TARRANT

Before me, a notary public, on this day personally appeared MARVIN E. BLUM, known to me to be the person whose name is subscribed to the foregoing document and, is being by me first duly sworn, declared that the statements therein contained are true and correct.

Given under my hand and seal of office this **L8th** day of <u>Cumber</u>, 19<u>83</u>.

My Commission Expires:

9-22-85

Notary Public in Tarrant County
for the State of Texas

-5-

ARTICLES OF AMENDMENT 0 0 0 6 7 0 1 6 4 4

BY THE SHAREHOLDERS TO THE ARTICLES OF INCORPORATION OF WORLD EXPLORATION SYSTEMS, INC.

FILED In the Office of the Secretary of State of Texas OCT 1 0 1984

Clerk II U

Corporations Section
Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act, the undersigned corporation adopts the following Articles of Amendment to its Articles of Incorporation to change the name of the corporation, to increase the number of authorized shares and to change the par value of the stock.

ARTICLE ONE. The name of the corporation is WORLD EXPLORATION SYSTEMS, INC.

The following amendments to the Articles of ARTICLE TWO. Incorporation were adopted by the shareholders of the corporation on August 24, 1984:

Article 1 of the Articles of Incorporation is hereby amended so as to read as follows:

The name of the corporation is "1. NAME. WORLDENERGY SYSTEMS INCORPORATED."

Article 4 of the Articles of Incorporation is hereby amended so as to read as follows:

The aggregate number of shares SHARES. the corporation may issue is Six Million (6,000,000) each having no par value. The shares shall be designated as Common Stock and shall have identical rights and privileges in every respect."

ARTICLE THREE. The number of shares of the corporation outstanding at the time of such adoption was 1,000 and the number of shares entitled to vote thereon was 1,000.

ARTICLE FOUR. The holders of all of the shares outstanding and entitled to vote on said amendments have signed a consent in writing adopting said amendments.

ARTICLE FIVE. The manner in which any exchange, reclassification, or cancellation of issued shares provided for in the amendment shall be effected, is as follows: Each currently outstanding share of the corporation's common stock shall be exchanged for one thousand (1,000) shares of the new common stock.

DATED: September 25, 1984

WORLD	EXPLO	RATION	SYSTE	MS, INC.	,
Bell	6	To Jan			
Johr	E. L	anglion,	Pres	ident	
		,	/		
By_	77		-		
Phil	ip D.	Dixon,	III,	Secret	ary

STATE OF TEXAS S
COUNTY OF TARRANT S

certify that on this 25th day of fatember, 1984, personally appeared before me John E. Landon, who declared he is President of the Corporation executing the foregoing document, and being first duly sworn, acknowledged that he signed the foregoing document in the capacity therein set forth and declared that the statements therein contained are true.

Given under my hand and seal of office this 25th day of listemist, 1984.

Notary Public in Tarrant County for the State of T E X A S

My Commission Expires:

3/5/88

ARTICLES OF AMENDMENT PURSUANT TO ARTICLE 4.04, TEXAS BUSINESS CORPORATION ACT

In the Office of the Secretary of State of Texas

DEC 0 4 2006

Corporations Section

Article 1 - Name

The name of the corporation is as set forth below:

WorldEnergy Systems Incorporated

The filing number issued to the corporation by the Secretary of State is: 685090.

Article 2 - Amendment

Article 4 of the corporation's Articles of Incorporation is amended to read in its entirety as follows:

"4. SHARES. The aggregate number of shares which the corporation may issue is Twenty Million (20,000,000) each having no par value. The shares shall be designated as Common Stock and shall have identical rights and privileges in every respect."

Article 3 - Statement of Approval

The amendment to the articles of incorporation has been approved in the manner required by the Texas Business Corporation Act and by the constituent documents of the corporation.

Article 4 - Effectiveness of Filing

The document will become effective when the document is filed by the Secretary of State.

Execution

The undersigned signs this document to the penalties imposed by law for the submission of a false or fraudulent document.

Date: December 1, 2006

Philip D. Dixon III,

Vice President and Secretary

Form 404 (revised 9/05)

Return in duplicate to: Secretary of State P.O. Box 13697



This space reserved to the De use.

In the Office of the Socretary of State of Texas

AUG 16 2007

Austin, TX 78711-3697 512 463-5555 FAX: 512/463-5709	Pursuant to A	Article 4 usiness	Colporations
Filing Fee: \$150	Corpora	tion Act	
	A	Article 1 –	Name
The name of the corporati	ion is as set forth b	pelow:	
WorldEnergy Systems Inc	orporated		
State the name of the entity as name of the entity, state the old			s of the secretary of state. If the amendment changes the rticle 1,
The filing number issued	to the corporation	by the sec	retary of state is: 68509000
			nded Name
			me of the corporation, then use the following statement)
The amendment changes The article in the Articles			to change the article that names the corporation to read as follows:
The name of the corporati	ion is (state the ne	w name of	the corporation below)
World Energy Systems In			
The name of the entity must conta same as, deceptively similar to, or with the secretary of state. A prel	similar to that of an exi	sting corporat	cepted abbreviation of such term. The name must not be the e, limited liability company, or limited partnership name on fil is recommended.
The amendment changes and the registered office a	the articles of inco address of the corp Registero (Complete either A	orporation ooration. T ed Agent of t or B, but no	red Agent/Registered Office to change the article stating the registered agen the article is amended to read as follows: the Corporation t both. Also complete C.) be corporation named above) by the name of:
0.00		 	
OR ☐ B. The registered age	ent is an individua	l resident o	of the state whose name is set forth below.
First Name		MI	Last Name Suffix
	Registered Office of	the Corporati	on (Cannot be a P.O. Box.)
C. The business address of			e registered office address is:

Form 404

Street Address

4

PATENT REEL: 027011 FRAME: 0839

Zip Code

State

TX

Article 4 - Other Altered, Added, or Deleted Provisions Other changes or additions to the articles of incorporation may be made in the space provided below. If the space provided

is insufficient to meet your needs, you may incorporate the additional text by providing an attachment to this form. Please read the instructions to this form for further information on format. Text Area (The attached addendum, if any, is incorporated herein by reference.) Article 5-Statement of Approval The amendments to the articles of incorporation have been approved in the manner required by the Texas Business Corporation Act and by the constituent documents of the corporation. Effectiveness of Filing A. This document will become effective when the document is filed by the secretary of state. OR B. This document will become effective at a later date, which is not more than ninety (90) days from the date of its filing by the secretary of state. The delayed effective date is Execution The undersigned signs this document subject to the penalties imposed by law for the submission of a false or fraudulent document. 08/13/2007 Date Reset Print

Form 404

RECORDED: 10/04/2011

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