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EPAS ID: PAT4389500

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	MR JOHN EUGENE STAUFFER	12/27/2016
RECEIVING PARTY DATA		
Name:	JES TECHNOLOGY, LLC	
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PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Patent Number:	5429085
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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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DATE SIGNED:	04/28/2017	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 5		
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JOHN EUGENE STAUFFER
ASSIGNMENT OF PATENTS TO JES TECHNOLOGY, LLC

I, JOHN EUGENE STAUFFER, individually, own all right, title and interest in and to each of the Patents listed in Schedule "A" attached hereto, each of which is registered with the United States Patent and Trademark Office with the identification number as shown for each Patent on Schedule "A". By this written instrument of Assignment I, JOHN EUGENE STAUFFER, individually (the "Assignor"), hereby assign all my right, title and interest in and to each Patent listed on Schedule "A" attached hereto, to JES TECHNOLOGY, LLC, a limited liability company organized under the laws of the State of Connecticut (the "Assignee") and JES TECHNOLOGY, LLC, hereby accepts such assignment.

Dated Dec 27 , 2016

John Eugene Stauffer
JOHN EUGENE STAUFFER
Assignor

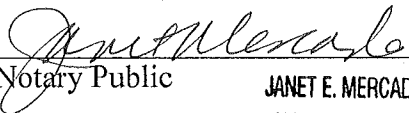
Dated Dec 27 , 2016

JES TECHNOLOGY, LLC
Assignee

BY: John Christian Stauffer
JOHN CHRISTIAN STAUFFER
ITS: Manager

STATE OF CONNECTICUT)
) ss: Greenwich
COUNTY OF FAIRFIELD)


On the 27th day of December, in the year 2016, before me, the undersigned, personally appeared JOHN EUGENE STAUFFER, personally known to me or proved to me on the basis of a driver's license or other satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged before me that he executed the same as his free act and deed in his capacity therein stated, that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument for the purposes therein contained, and that such individual made such appearance before the undersigned in Greenwich, Connecticut.



Notary Public JANET E. MERCADO
NOTARY PUBLIC
MY COMMISSION EXPIRES 8/31/2021

STATE OF CONNECTICUT)
) ss: Greenwich
COUNTY OF FAIRFIELD)

On the 27th day of December, in the year 2016, before me, the undersigned, personally appeared JOHN CHRISTIAN STAUFFER, personally known to me or proved to me on the basis of a driver's license or other satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged before me that he executed the same as his free act and deed in his capacity therein stated, that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument for the purposes therein contained, and that such individual made such appearance before the undersigned in Greenwich, Connecticut.



Notary Public JANET E. MERCADO
NOTARY PUBLIC
MY COMMISSION EXPIRES 8/31/2021

3311375_1.docx 12/20/2016

Schedule A

	PAT. NO.	Title
1	<u>9,509,017</u>	<u>Lithium storage battery</u>
2	<u>9,169,441</u>	<u>Extraction of bitumen from oil sands</u>
3	<u>9,169,168</u>	<u>Process for producing ethylene by chlorination of ethane and dehydrochlorination of ethyl chloride</u>
4	<u>9,147,912</u>	<u>Method of producing an electrical potential</u>
5	<u>9,079,849</u>	<u>Synthesis of metal alkoxides</u>
6	<u>8,940,445</u>	<u>Vanadium-zinc battery</u>
7	<u>8,932,753</u>	<u>Lead alkaline battery</u>
8	<u>8,927,143</u>	<u>Aluminum storage battery</u>
9	<u>8,581,010</u>	<u>Formation of ethanol from methanol</u>
10	<u>8,507,735</u>	<u>Alcohol synthesis</u>
11	<u>8,440,868</u>	<u>Manufacture of methanol</u>
12	<u>8,273,927</u>	<u>Alcohol fractionation</u>
13	<u>8,232,003</u>	<u>Lead-palladium battery</u>
14	<u>8,114,917</u>	<u>Ethanol synthesis</u>
15	<u>8,030,530</u>	<u>Swing reactor and process for oxychlorination</u>
16	<u>7,999,138</u>	<u>Methyl amines to olefins</u>
17	<u>7,977,515</u>	<u>Formaldehyde synthesis</u>
18	<u>7,947,391</u>	<u>Lead-alkaline battery</u>
19	<u>7,790,933</u>	<u>Formaldehyde synthesis</u>
20	<u>7,696,390</u>	<u>Methanol synthesis</u>
21	<u>7,683,230</u>	<u>Methyl bromide to olefins</u>
22	<u>7,682,737</u>	<u>Lead-zinc storage battery</u>
23	<u>7,649,116</u>	<u>Formation of olefins from methyl mercaptan</u>
24	<u>7,608,361</u>	<u>Alkali metal battery</u>
25	<u>7,577,710</u>	<u>System and method for prioritizing electronic mail and controlling spam</u>
26	<u>7,550,231</u>	<u>Tin-zinc secondary battery</u>
27	<u>7,381,847</u>	<u>Methyl mercaptan to olefins</u>
28	<u>7,365,233</u>	<u>Methyl mercaptan process</u>
29	<u>7,285,689</u>	<u>Phenol process</u>
30	<u>7,276,635</u>	<u>Methyl halide process</u>
31	<u>7,091,391</u>	<u>Methane to olefins</u>
32	<u>7,090,818</u>	<u>Carbon disulfide process</u>
33	<u>7,084,308</u>	<u>Manufacture of formaldehyde from methyl bromide</u>
34	<u>6,933,414</u>	<u>Acetone process</u>
35	<u>6,906,909</u>	<u>A C capacitor</u>
36	<u>6,852,896</u>	<u>Concerted process for the production of an alkenyl substituted aromatic compound</u>
37	<u>6,822,123</u>	<u>Formaldehyde process</u>

	PAT. NO.	Title
38	<u>6,767,528</u>	<u>Manufacture of hydrogen chloride from salt and sulfuric acid</u>
39	<u>6,689,263</u>	<u>Dimensionally stable electrodes</u>
40	<u>6,545,191</u>	<u>Process for preparing ethanol</u>
41	<u>6,507,477</u>	<u>Electrical capacitor</u>
42	<u>6,418,177</u>	<u>Fuel pellets for thermonuclear reactions</u>
43	<u>6,391,186</u>	<u>Electrochemical process for removing ions from solution</u>
44	<u>6,235,167</u>	<u>Electrolyzer for the production of sodium chlorate</u>
45	<u>6,204,418</u>	<u>Process for the chloration of hydrocarbons</u>
46	<u>6,137,017</u>	<u>Methanol process for natural gas conversion</u>
47	<u>6,010,604</u>	<u>Neural network packing</u>
48	<u>5,854,168</u>	<u>Catalyst composition for methanol synthesis</u>
49	<u>5,672,747</u>	<u>Phosgene process</u>
50	<u>5,557,001</u>	<u>Silicone monomer process</u>
51	<u>5,512,144</u>	<u>Pulse method for sulfur dioxide electrolysis</u>
52	<u>5,430,776</u>	<u>Fuel pellets for thermonuclear reactions</u>
53	<u>5,429,085</u>	<u>Timing mechanism for rotary engines</u>
54	<u>5,344,529</u>	<u>Bipolar process for removal of sulfur dioxide from waste gases</u>
54	<u>5,344,529</u>	<u>Bipolar process for removal of sulfur dioxide from waste gases</u>
55	<u>5,266,343</u>	<u>Pasteurization process for dairy products</u>
56	<u>5,185,479</u>	<u>Process for methyl alcohol</u>
57	<u>5,099,084</u>	<u>Process for the chlorination of methane</u>
58	<u>5,097,083</u>	<u>Process for the chlorination of ethane</u>
59	<u>4,990,696</u>	<u>Methyl alcohol process</u>
60	<u>4,925,639</u>	<u>Removal of nitric oxide from waste gases and recovery as nitric acid</u>
61	<u>4,899,000</u>	<u>Production of allyl chloride</u>
62	<u>4,890,591</u>	<u>Rotary internal combustion engine and method of starting the engine</u>
63	<u>4,744,736</u>	<u>Compound rotary internal combustion engine</u>
64	<u>4,605,540</u>	<u>Low volatile fluorine process for making elemental phosphorus</u>

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(53 of 64)

United States Patent
Stauffer

5,429,085
July 4, 1995

Timing mechanism for rotary engines

Abstract

A rotary internal combustion engine including a housing and two vanes mounted on concentric shafts for independent rotation in one direction within the housing in response to combustion within the housing. The engine further includes a ratchet assembly, including a ratchet housing associated with the concentric shafts to prevent rotation of the vanes within the housing in the opposite direction, and a converter assembly operative to convert the movement of the vanes into unidirectional rotation of an output shaft. In order to ensure steady state operation and provide control over the combustion ratio of the engine, a timing mechanism is provided to sense the relative position of the vanes at any given point in the engine cycle and rotate the vanes relative to the housing independently of the combustion induced rotation of the vanes within the housing. The independent relative rotation of the vanes is accomplished by rotating the housing of the ratchet assembly in accordance with the sensed relative position of the vanes within the housing.

Inventors: *Stauffer; John E.* (Greenwich, CT)

Family ID: 26789571

Appl. No.: 08/152,240

Filed: November 16, 1993

Current U.S. Class: 123/245; 418/35

Current CPC Class: F01C 1/073 (20130101); F02B 53/02 (20130101); Y02T 10/17 (20130101); F02B 1/04 (20130101)

Current International Class: F01C 1/00 (20060101); F01C 1/073 (20060101); F02B 53/00 (20060101); F02B 53/02 (20060101); F02B 1/00 (20060101); F02B 1/04 (20060101); F02B 053/00 () ; F01C 001/063 ()

Field of Search: ;123/245 ;418/33-36

References Cited [Referenced By]