

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4389571

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| SUBMISSION TYPE: | NEW ASSIGNMENT | |
| NATURE OF CONVEYANCE: | ASSIGNMENT | |
| CONVEYING PARTY DATA | | |
| | Name | Execution Date |
| | MR JOHN EUGENE STAUFFER | 12/27/2016 |
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| State/Country: | MARYLAND | |
| Postal Code: | 20814 | |
| PROPERTY NUMBERS Total: 1 | | |
| | Property Type | Number |
| | Patent Number: | 4744736 |
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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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| source=pat63_201704281033#page5.tif | | |

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

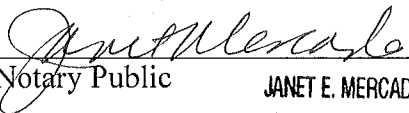
Dated Dec 27, 2016

JES TECHNOLOGY, LLC
Assignee

BY: John Christian Stauffer
JOHN CHRISTIAN STAUFFER
ITS: Manager

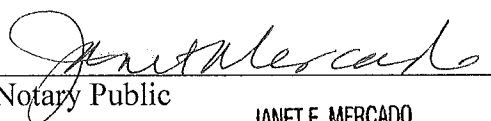
STATE OF CONNECTICUT)
) ss: Greenwich
COUNTY OF FAIRFIELD)

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 chlornation 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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4,744,736
May 17, 1988

Compound rotary internal combustion engine

Abstract

An internal combustion engine of the rotary type in which a pair of axially spaced combustion chambers are provided and a common ratchet or control mechanism is positioned between the spaced combustion chambers, A pair of vanes are mounted in each combustion chamber with the vanes mounted on concentric shafts and free to rotate relative to each other. The ratchet mechanism positioned between the combustion chambers functions to resist counterclockwise movement of the vanes in one combustion chamber while allowing free clockwise movement thereof and to resist clockwise movement of the vanes in the other combustion chamber while allowing free counterclockwise movement thereof. The reaction forces generated in the ratchet mechanism from the two combustion chambers thus tend to cancel each other out. The central ratchet mechanism includes a housing which absorbs the reaction forces from both combustion chambers and which is free to rotate in the event that the reaction forces generated in the two combustion chambers become unbalanced.

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

Family ID: 27426535

Appl. No.: 06/943,634

Filed: December 19, 1986

Related U.S. Patent Documents

| <u>Application Number</u> | <u>Filing Date</u> | <u>Patent Number</u> | <u>Issue Date</u> |
|---------------------------|--------------------|----------------------|-------------------|
| 773636 | Sep 9, 1985 | | |

Current U.S. Class: 418/35

Current CPC Class: F01B 9/08 (20130101); F01C 11/002 (20130101); F01C 1/073 (20130101); F02B 53/00 (20130101)