

PATENT ASSIGNMENT COVER SHEET

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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
RECEIVING PARTY DATA	
Name:	JES TECHNOLOGY, LLC
Street Address:	7433 ARLINGTON ROAD
City:	BETHESDA
State/Country:	MARYLAND
Postal Code:	20814
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	6010604
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Phone:	2403055728
Email:	staufferchris@hotmail.com
Correspondent Name:	JES TECHNOLOGY, LLC
Address Line 1:	7433 ARLINGTON ROAD
Address Line 4:	BETHESDA, MARYLAND 20814
NAME OF SUBMITTER:	JOHN E STAUFFER
SIGNATURE:	/jes/
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)

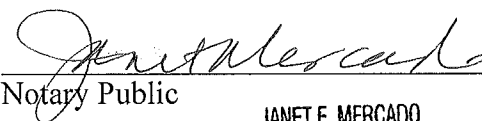
On the 27th day of December, in the year 2016, before me, the undersigned, personally appeared JOHN EUGENE STAUFFER, personally known to me or proved to me on the basis of a driver's license or other satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged 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

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>

USPTO PATENT FULL-TEXT AND IMAGE DATABASE

(47 of 64)

United States Patent
Stauffer

6,010,604
January 4, 2000

Neural network packing

Abstract

A column packing for use in the scrubbing of gases by aqueous liquid, the packing comprising material that is electrically conductive and material that is non-conductive with such materials being intimately mixed with each other, such that the packing as a whole provides the gas-liquid surface for absorption and the conductive material in particular serves as a bipolar electrode for electrolysis.

Inventors: *Stauffer; John E.* (Greenwich, CT)
Family ID: 21789983
Appl. No.: 09/018,830
Filed: February 4, 1998

Current U.S. Class: 204/242; 204/254; 422/177; 55/522; 55/527; 96/122; 96/135; 96/153
Current CPC Class: B01D 53/14 (20130101); B01D 53/18 (20130101); B01D 53/504 (20130101); B01D 53/56 (20130101); B01J 19/30 (20130101); B01J 19/32 (20130101); C25B 1/22 (20130101); F27D 17/008 (20130101); B01J 2219/304 (20130101)
Current International Class: B01J 19/32 (20060101); B01J 19/30 (20060101); B01D 53/18 (20060101); B01D 53/14 (20060101); B01D 53/50 (20060101); B01D 53/56 (20060101); C25B 1/22 (20060101); C25B 1/00 (20060101); F27D 17/00 (20060101); C25B 009/00 ()
Field of Search: ;204/242,249,263,254 ;205/764,554,763 ;423/235,239.1,242.1,244.01 ;96/122,135,153 ;422/139,147,168,177,190 ;55/522,527

References Cited [Referenced By]

U.S. Patent Documents

<u>3915822</u>	October 1975	Veltman
<u>4925639</u>	May 1990	Stauffer
<u>5344529</u>	September 1994	Stauffer

Primary Examiner: Bell; Bruce F.
Attorney, Agent or Firm: Young & Basile, P.C.

Claims

The embodiments of the invention in which exclusive property or privilege is claimed are defined as follows:

1. A column and a column packing for use in the scrubbing of gases by an aqueous liquid, said packing comprising electrically conductive pieces and non-conductive pieces, with such pieces being randomly intermixed and spaced between two electrical contacts, such that the packing as a whole provides the gas-liquid interface for absorption and the conductive pieces in particular serve as a bipolar electrode for electrolysis, the proportion of conductive to non-conductive pieces being sufficient to form strands or clumps of conductive pieces but less than the lowest proportion which causes an electrical shunt between the electrical contracts, said column having top and bottom ends on each of which said electrical contacts are positioned.
2. A column packing according to claim 1 where the proportion of conductive to non-conductive pieces is 50:50.