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NOTICE OF ALLOWANCE AND FEE(S) DUE

26629 7590 08/05/2025
ZIOLOKOWSKI PATENT SOLUTIONS GROUP, SC (ZPS)
136 S WISCONSIN ST
PORT WASHINGTON, WI 53074

EXAMINER

HASAN, SYED O

ART UNIT PAPER NUMBER

3747

DATE MAILED: 08/05/2025

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/443,530	02/16/2024	Mark J. Sarder	CET1090.124	3492

TITLE OF INVENTION: DUAL FUEL SELECTOR SWITCH

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$516	\$0.00	\$0.00	\$516	11/05/2025

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 40% the amount of undiscounted fees, and micro entity fees are 20% the amount of undiscounted fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Maintenance fees are due in utility patents issuing on applications filed on or after Dec. 12, 1980. It is patentee's responsibility to ensure timely payment of maintenance fees when due. More information is available at www.uspto.gov/PatentMaintenanceFees.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), by mail or fax, or via the USPTO patent electronic filing system.

By mail, send to: Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

By fax, send to: (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications. **Because electronic patent issuance may occur shortly after issue fee payment, any desired continuing application should preferably be filed prior to payment of this issue fee in order not to jeopardize copendency.**

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

26629 7590 08/05/2025
ZIOLKOWSKI PATENT SOLUTIONS GROUP, SC (ZPS)
136 S WISCONSIN ST
PORT WASHINGTON, WI 53074

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being transmitted to the USPTO via the USPTO patent electronic filing system or by facsimile to (571) 273-2885, on the date below.

(Typed or printed name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/443,530	02/16/2024	Mark J. Sarder	CET1090.124	3492

TITLE OF INVENTION: DUAL FUEL SELECTOR SWITCH

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$516	\$0.00	\$0.00	\$516	11/05/2025

EXAMINER	ART UNIT	CLASS-SUBCLASS
HASAN, SYED O	3747	137-637000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/AIA/122 or PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/AIA/47 or PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 _____

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. Fees submitted: ☐ Issue Fee ☐ Publication Fee (if required)

4b. Method of Payment: (Please first reapply any previously paid fee shown above)

☐ Electronic Payment via the USPTO patent electronic filing system ☐ Enclosed check ☐ Non-electronic payment by credit card (Attach form PTO-2038)

☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. _____

5. Change in Entity Status (from status indicated above)

☐ Applicant certifying micro entity status. See 37 CFR 1.29

☐ Applicant asserting small entity status. See 37 CFR 1.27

☐ Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____



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136 S WISCONSIN ST			ART UNIT	PAPER NUMBER
PORT WASHINGTON, WI 53074			3747	
DATE MAILED: 08/05/2025				

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. The United States Patent and Trademark Office (USPTO) collects the information in this record under authority of 35 U.S.C. 2. The USPTO's system of records is used to manage all applicant and owner information including name, citizenship, residence, post office address, and other information with respect to inventors and their legal representatives pertaining to the applicant's/owner's activities in connection with the invention for which a patent is sought or has been granted. The applicable Privacy Act System of Records Notice for the information collected in this form is COMMERCE/PAT-TM-7 Patent Application Files, available in the Federal Register at 78 FR 19243 (March 29, 2013).

<https://www.govinfo.gov/content/pkg/FR-2013-03-29/pdf/2013-07341.pdf>

Routine uses of the information in this record may include disclosure to:

- 1) law enforcement, in the event that the system of records indicates a violation or potential violation of law;
- 2) a federal, state, local, or international agency, in response to its request;
- 3) a contractor of the USPTO having need for the information in order to perform a contract;
- 4) the Department of Justice for determination of whether the Freedom of Information Act (FOIA) requires disclosure of the record;
- 5) a Member of Congress submitting a request involving an individual to whom the record pertains, when the individual has requested the Member's assistance with respect to the subject matter of the record;
- 6) a court, magistrate, or administrative tribunal, in the course of presenting evidence, including disclosures to opposing counsel in the course of settlement negotiations;
- 7) the Administrator, General Services Administration (GSA), or their designee, during an inspection of records conducted by GSA under authority of 44 U.S.C. 2904 and 2906, in accordance with the GSA regulations and any other relevant (i.e., GSA or Commerce) directive, where such disclosure shall not be used to make determinations about individuals;
- 8) another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c));
- 9) the Office of Personnel Management (OPM) for personnel research purposes; and
- 10) the Office of Management and Budget (OMB) for legislative coordination and clearance.

If you do not furnish the information requested on this form, the USPTO may not be able to process and/or examine your submission, which may result in termination of proceedings, abandonment of the application, and/or expiration of the patent.

Notice of Allowability	Application No. 18/443,530	Applicant(s) Sarder et al.	
	Examiner SYED O HASAN	Art Unit 3747	AIA (First Inventor to File) Status Yes

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 7/11/2025.
☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

3. ☒ The allowed claim(s) is/are 1-12 and 14-20. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a) ☐ All b) ☐ Some* c) ☐ None of the:

1. ☐ Certified copies of the priority documents have been received.

2. ☐ Certified copies of the priority documents have been received in Application No. _____.

3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)	5. ☒ Examiner's Amendment/Comment
2. ☒ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____.	6. ☒ Examiner's Statement of Reasons for Allowance
3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material _____.	7. ☐ Other _____.
4. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____.	

/SYED O HASAN/ Primary Examiner, Art Unit 3747	
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DETAILED ACTION

1. This action is in response to applicant's submission filed 7/11/2025. The IDS dated 7/11/2025 was filed and examiner acknowledges new IDS.

Notice of Pre-AIA or AIA Status

2. The present application, filed on or after March 16, 2013, is being examined under the first inventor to file provisions of the AIA.

EXAMINER'S AMENDMENT

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

Claim 10 now recites: A fuel selector for use with a dual fuel generator, the fuel selector comprising: a valve assembly fluidly couplable to each of a first fuel source and a second fuel source and operable to selectively control a first fuel flow and a second fuel flow from the first fuel source and the second fuel source, respectively, to an engine of the dual fuel generator, the valve assembly comprising: at least one fuel valve comprising open and closed positions to selectively control the first fuel flow or the second fuel flow to the engine; a first fuel input fluidly couplable to the first fuel source; a second fuel input fluidly couplable to the second fuel source; a first fuel output fluidly coupled to the engine to supply the first fuel flow to the engine; and a second fuel output fluidly coupled to the engine to supply the second fuel flow to the engine; [[and]] a

selector switch positioned on or adjacent the valve assembly and movable between a first position and a second position to allow a user to manually select only the first fuel flow in the first position or only the second fuel flow in the second position^{[[13]]}; and a carburetor solenoid comprising open and closed positions; and a carburetor solenoid switch triggered by the selector switch in the first position or the second position to activate the carburetor solenoid.

Claim 13 is now cancelled.

Claim 14 now recites: The fuel selector of claim ^{[[13]]} 10 wherein the carburetor solenoid switch is a depressible switch.

Claim 15 now recites: The fuel selector of claim ^{[[13]]} 10 wherein triggering the carburetor solenoid switch activates the carburetor solenoid to shut off the first fuel flow or the second fuel flow to the engine.

Allowable Subject Matter

4. Claims 1-12 and 14-20 are allowed.
5. The following is an examiner's statement of reasons for allowance: No prior art teaches all the limitations of claim 1, 10, 16. Additional reasons are given in the previous notice of allowability.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Refer to PTO-892.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to SYED O HASAN whose telephone number is (571)272-0990. The examiner can normally be reached Monday-Friday; 11AM-7PM.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at <http://www.uspto.gov/interviewpractice>.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lindsay Low can be reached on (571) 272-1196. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of published or unpublished applications may be obtained from Patent Center. Unpublished application information in Patent Center is available to registered users. To file and manage patent submissions in Patent Center, visit: <https://patentcenter.uspto.gov>. Visit <https://www.uspto.gov/patents/apply/patent-center> for more information about Patent Center and <https://www.uspto.gov/patents/docx> for information about filing in DOCX format. For additional questions, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Application/Control Number: 18/443,530
Art Unit: 3747

Page 5

/SYED O HASAN/
Primary Examiner, Art Unit 3747
7/25/2025

<i>Notice of References Cited</i>	Application/Control No. 18/443,530		Applicant(s)/Patent Under Reexamination Sarder et al.	
	Examiner SYED O HASAN		Art Unit 3747	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date YYYY-MM-DD	Name	CPC Classification	US Classification
*	A	US-4297742-A	1981-10-27	Heitzman; Gary N.	F02D17/04	361/194
*	B	US-20040246118-A1	2004-12-09	Tharman, Paul A.	F01M11/12	340/450
*	C	US-4489699-A	1984-12-25	Poehlman; Arthur G.	F02B69/04	48/180.1
*	D	US-20060169238-A1	2006-08-03	Mazuka; Naoto	F02B63/04	290/1A
*	E	US-20040240141-A1	2004-12-02	Stolt, Peter E.	H01H47/18	361/160
*	F	US-20020125115-A1	2002-09-12	Burkholder, Robert F.	H01R13/447	200/51.11
*	G	US-20070137591-A1	2007-06-21	Sugimoto; Yasuhiro	F02M21/06	123/527
*	H	US-3696333-A	1972-10-03	Mott; Willard	F02N11/0803	340/425.5
*	I	US-4574763-A	1986-03-11	Hallberg; John E.	F02B43/00	123/577
	J					
	K					
	L					
	M					

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date YYYY-MM-DD	Country	Name	CPC Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title, Date, Publisher, Edition or Volume, Pertinent Pages
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in YYYY-MM-DD format are publication dates. Classifications may be US or foreign.

U.S. Patent and Trademark Office
PTO-892 (Rev. 11-2023)

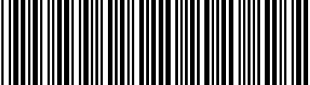
Notice of References Cited

Part of Paper No. 20250725

<i>Index of Claims</i> 	Application/Control No. 18/443,530	Applicant(s)/Patent Under Reexamination Sarder et al.
	Examiner SYED O HASAN	Art Unit 3747

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

CLAIMS										
☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47										
CLAIM		DATE								
Final	Original	06/28/2024	11/16/2024	04/05/2025	07/25/2025					
1	1	=	=	=	=					
2	2	=	=	=	=					
3	3	=	=	=	=					
4	4	=	=	=	=					
5	5	=	=	=	=					
6	6	=	=	=	=					
7	7	=	=	=	=					
8	8	=	=	=	=					
9	9	=	=	=	=					
10	10	=	=	=	=					
11	11	=	=	=	=					
12	12	=	=	=	=					
	13	=	=	-	-					
13	14	=	=	=	=					
14	15	=	=	=	=					
15	16	=	=	=	=					
16	17	=	=	=	=					
17	18	=	=	=	=					
18	19	=	=	=	=					
19	20	=	=	=	=					

Issue Classification 	Application/Control No. 18/443,530	Applicant(s)/Patent Under Reexamination Sarder et al.
	Examiner SYED O HASAN	Art Unit 3747

CPC						
Symbol					Type	Version
F02D	/	19	/	0676	F	2013-01-01
F02M	/	13	/	08	I	2013-01-01
F02D	/	19	/	0647	I	2013-01-01
F02D	/	29	/	06	I	2013-01-01
F02D	/	19	/	0613	I	2013-01-01
Y10T	/	137	/	0318	A	2015-04-01
Y10T	/	137	/	0491	A	2015-04-01
Y10T	/	137	/	87684	A	2015-04-01
Y02T	/	10	/	30	A	2013-01-01

CPC Combination Sets					
Symbol		Type	Set	Ranking	Version
/	/				

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	19	
/SYED O HASAN/	25 July 2025	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	1

U.S. Patent and Trademark Office

Part of Paper No.: 20250725

Issue Classification 	Application/Control No. 18/443,530	Applicant(s)/Patent Under Reexamination Sarder et al.
	Examiner SYED O HASAN	Art Unit 3747

INTERNATIONAL CLASSIFICATION			
CLAIMED			
F02D	/	19	/ 06

NON-CLAIMED			
/		/	

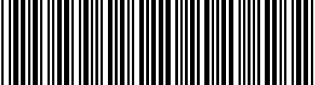
US ORIGINAL CLASSIFICATION	
CLASS	SUBCLASS

CROSS REFERENCES(S)						
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)					

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	19	
/SYED O HASAN/ Primary Examiner, Art Unit 3747 (Primary Examiner)	25 July 2025 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 1

U.S. Patent and Trademark Office

Part of Paper No.: 20250725

Issue Classification 	Application/Control No. 18/443,530	Applicant(s)/Patent Under Reexamination Sarder et al.
	Examiner SYED O HASAN	Art Unit 3747

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47															
CLAIMS															
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
1	1	10	10	18	19										
2	2	11	11	19	20										
3	3	12	12												
4	4		13												
5	5	13	14												
6	6	14	15												
7	7	15	16												
8	8	16	17												
9	9	17	18												

NONE (Assistant Examiner) _____ (Date) _____		Total Claims Allowed: 19	
/SYED O HASAN/ Primary Examiner, Art Unit 3747 (Primary Examiner) _____ (Date) 25 July 2025		O.G. Print Claim(s) 1	O.G. Print Figure 1

U.S. Patent and Trademark Office

Part of Paper No.: 20250725

Search Notes 	Application/Control No. 18/443,530	Applicant(s)/Patent Under Reexamination Sarder et al.
	Examiner SYED O HASAN	Art Unit 3747

CPC - Searched*		
Symbol	Date	Examiner
F02D19/0676,19/0613,19/0647,29/06,19/0681,F02M21/0293,21/0236,21/0233,13/08,13/08,FO2B53/00,63/00,HO2K1/22, Y10T137/0318, 137/0491, 137/87684, Y02T10/30	06/28/2024	/S.O.H/
Updated Search	11/16/2024	/S.O.H/
Updated Search	04/05/2025	/S.O.H/
Updated Search	07/25/2025	/S.O.H/

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

Search Notes		
Search Notes	Date	Examiner
Searched in subclasses above with keywords.	06/28/2024	/S.O.H/
SEARCH strategy attached. Inventor name searches performed.	06/28/2024	/S.O.H/

	/SYED O HASAN/ Primary Examiner, Art Unit 3747
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<i>Search Notes</i> 	Application/Control No. 18/443,530	Applicant(s)/Patent Under Reexamination Sarder et al.
	Examiner SYED O HASAN	Art Unit 3747

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner
	(engine and (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid and switch and select\$4).clm.	06/28/2024	/S.O.H/

	/SYED O HASAN/ Primary Examiner, Art Unit 3747
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PE2E SEARCH - Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
L1	11	((Mark) near2 (Sarder)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/06/23 02:16 PM
L2	2	((Leigh) near2 (Jenison)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/06/23 02:17 PM
L3	2	((Ian) near2 (Schmit)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/06/23 02:18 PM
L4	834	123/525.ccls.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:20 PM
L5	3	123/525.ccls. and (dual near3 fuel near3 generator)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:20 PM
L6	2	123/525.ccls. and (((multiple near3 fuel) or bi-fuel) near3 generator)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:21 PM
L7	3	123/525.ccls. and (((multiple near3 fuel) or bi-fuel or (LPG near5 gasoline)) near10 generator)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:22 PM
L8	236	(((multiple near3 fuel) or bi-fuel or (LPG near5 gasoline)) near10 generator)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:22 PM
L9	10	(((multiple near3 fuel) or bi-fuel or (LPG near5 gasoline)) near10 generator) same (switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:23 PM
L10	458	f02D19/0676.cpc.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:23 PM
L11	17	F02D19/0676.cpc. and (generator)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:24 PM
L12	6	F02M21/0293.cpc. and (generator)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:24 PM
L13	14	F02M21/0236.cpc. and (generator)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:25 PM
L14	18	F02M21/0233.cpc. and (generator)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:27 PM
L15	21	F02M13/08.cpc. and (generator)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:29 PM

L16	0	(generator) and (dual near3 fuel) and (selector near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:32 PM
L17	16	(generator) and (dual near3 fuel) and (selector near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:32 PM
L18	42	(generator) and ((dual near3 fuel) or (bi-fuel) or (multiple near3 fuel)) and (selector near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:33 PM
L19	46	(generator) and ((dual near3 fuel) or (bi-fuel) or (multiple near3 fuel)) and (fuel near5 select\$4 near5 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:39 PM
L20	46	(generator or genset) and ((dual near3 fuel) or (bi-fuel) or (multiple near3 fuel)) and (fuel near5 select\$4 near5 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:40 PM
L21	728	137/383.ccls.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:58 PM
L22	96	137/384.8.ccls.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:58 PM
L23	0	317/317.5.ccls.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:04 PM
L24	133	273/317.5.ccls.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:04 PM
L25	161	292/4.ccls.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:06 PM
L26	106	292/290.ccls.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:07 PM
L27	578	49/503.ccls.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:15 PM
L28	92	123/2-3.ccls. and (fuel near5 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:16 PM
L29	163	(generator) same (LPG near20 gasoline)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:35 PM
L30	163	(generator) same (LPG near20 gasoline)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:35 PM
L31	19	(fuel near3 select\$4	(US-PGPUB; USPAT;	OR	OFF	OFF	2015/06/23

L32	321499	near3 switch) and (LPG near20 gasoline) (select\$4 near3 switch)	USOCR; FPRS; EPO; JPO; DERWENT) (US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	03:53 PM 2015/06/23 03:55 PM
L33	1395	(select\$4 near3 switch) same (enclosure)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:55 PM
L34	123	(switch) same (enclosure) same (first near3 valve) same (second near3 valve)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:56 PM
L35	0	(switch) same (genset) same (first near3 valve) same (second near3 valve)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:58 PM
L36	11	(genset) and ((switch) same (first near3 valve) same (second near3 valve))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:58 PM
L37	550	(slider near3 switch).ti.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 04:17 PM
L38	28	(slider near3 switch).ti.	(US-PGPUB; USPAT)	OR	OFF	OFF	2015/06/23 04:19 PM
L39	2	("7135651" "7223931").PN. OR ("7772508").URPN.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/06/23 04:20 PM
L40	209	200/241.ccls.	(US-PGPUB; USPAT)	OR	OFF	OFF	2015/06/23 04:23 PM
L41	45	200/241.ccls. and (groove or slot)	(US-PGPUB; USPAT)	OR	OFF	OFF	2015/06/23 04:23 PM
L42	151	290/1A.ccls. and (groove or slot)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 04:24 PM
L43	414	290/1A.ccls. and (switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 04:25 PM
L44	45	290/1A.ccls. and (select\$4 near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 04:25 PM
L45	16208	(select\$4 near3 switch).ti.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 04:30 PM
L46	42	(fuel near3 select\$4 near3 switch).ti.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 04:30 PM
L47	1	("2004/0240141").URP N.	(USPAT)	OR	OFF	OFF	2015/06/23 04:31 PM
L48	436	261/16.ccls.	(USPAT)	OR	OFF	OFF	2015/06/23 04:38 PM
L49	18	261/16.ccls. and switch	(USPAT)	OR	OFF	OFF	2015/06/23

07/25/2025 04:33:15 PM

Workspace: Dual Fuel Selector Switch 14069747

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L50	0	48/180R.ccls.	(USPAT)	OR	OFF	OFF	04:38 PM 2015/06/23 04:38 PM
L51	0	48/180C.ccls.	(USPAT)	OR	OFF	OFF	2015/06/23 04:38 PM
L52	0	48/180C.ccls.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 04:39 PM
L53	834	123/525.ccls.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 04:39 PM
L54	215	123/525.ccls. and (switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 04:39 PM
L55	76	123/525.ccls. and (switch) and (dual near3 fuel)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 04:39 PM
L56	15	("20130122439" "20130 098349" "20060169238 " "20040240141" "4489 699").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/29 02:24 PM
L57	2	(dual near3 fuel near3 engine) same (fuel near3 handle)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/12/17 06:15 PM
L58	3	(dual near3 fuel near3 engine) same (fuel near3 handle)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/12/17 06:16 PM
L59	16	(dual near3 fuel near3 engine) same (fuel near3 lever)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/12/17 06:17 PM
L60	5	(dual near3 fuel near3 engine) same (fuel near3 valve near3 (lever or switch or handle))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/12/17 06:23 PM
L61	6	(dual near3 fuel near3 (engine or generator)) same (fuel near3 valve near3 (lever or switch or handle))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/12/17 06:45 PM
L62	24	(dual near3 fuel near3 (engine or generator)) same (fuel near3 (valve or supply) near3 (lever or switch or handle))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/12/17 06:45 PM
L63	4939	(gas near3 station).ti.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/12/17 06:55 PM
L64	39	(gas near3 station).ti. and lever	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/12/17 06:55 PM
L65	292	(generator).ti. and	(US-PGPUB; USPAT;	OR	OFF	OFF	2015/12/17

L66	98	((dual or multiple) near3 (fuel))	USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	06:56 PM
		(generator).ti. and ((dual or multiple) near3 (fuel)) and (engine)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/12/17 06:56 PM
L67	13	(generator).ti. and (((dual or multiple) near3 (fuel)) same (switch or handle or lever)) and (engine)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/12/17 06:56 PM
L69	39	"4489699"	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2017/12/28 08:09 PM
L70	14	F02D19/0613.cpc. and ((dual near3 fuel) same (switch))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2018/01/02 08:38 PM
L71	25	F02D19/0613.cpc. and ((dual near3 fuel) same (switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/01/02 08:38 PM
L72	72	F02D19/0647.cpc. and ((dual near3 fuel) same (switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/01/02 08:39 PM
L73	77	F02D19/0647.cpc. and ((dual near3 fuel) same (switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2018/01/02 08:39 PM
L74	11	F02D19/06.cpc. and ((dual near3 fuel) same (switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2018/01/02 08:40 PM
L75	32	F02M13/08.cpc. and ((dual near3 fuel) same (switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2018/01/02 08:41 PM
L76	9	(fuel near3 select\$4 near3 switch) same (valve near3 assembly)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01 09:24 PM
L77	0	(geneartor) same (fuel near3 switch) same (valve near3 assembly)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01 09:25 PM
L78	9	(generator) same (fuel near3 switch) same (valve near3 assembly)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01 09:25 PM
L79	6704	(generator) same (fuel near3 valve)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01 09:26 PM
L80	10	(generator) same (dual near2 fuel near3 valve)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01 09:26 PM
L81	13	(generator) same (dual near2 fuel near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01 09:27 PM
L82	13	(generator) same (dual near3 fuel near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01 09:28 PM
L83	19	(gaseous near3 fuel)	(US-PGPUB; USPAT;	OR	OFF	OFF	2018/08/01

L84	52	same (dual near3 fuel near3 switch)	USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	09:54 PM
		(gaseous near3 fuel)	(US-PGPUB; USPAT;				
L85	85	same (fuel near3 select\$4 near3 switch)	USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01 09:56 PM
		F02D19/0613.cpc. and (switch same valve)	(US-PGPUB; USPAT;				
L86	31	F02D19/0613.cpc. and (switch same valve same (user or operator))	USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01 10:03 PM
		F02D19/081.cpc. and (switch same valve same (user or operator))	(US-PGPUB; USPAT;				
L87	25	F02D19/081.cpc. and (switch same valve same (user or operator))	USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01 10:04 PM
		F02D19/0642.cpc. and (switch same valve same (user or operator))	(US-PGPUB; USPAT;				
L88	16	F02D19/0642.cpc. and (switch same valve same (user or operator))	USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01 10:08 PM
		"4489699"	(USPAT)	OR	OFF	OFF	2018/08/01 10:10 PM
L89	39	"4489699"	(USPAT)	OR	OFF	OFF	2018/08/02 02:52 PM
		"20040240141"	(USPAT)	OR	OFF	OFF	2018/08/02 02:53 PM
L90	1	"20040240141"	(US-PGPUB; USPAT;	OR	OFF	OFF	2018/08/02 02:53 PM
		"20040240141"	USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/02 02:53 PM
L91	3	"20040240141"	(US-PGPUB; USPAT;	OR	OFF	OFF	2018/08/02 02:53 PM
		"20060169238"	USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/02 02:53 PM
L92	3	"20060169238"	(US-PGPUB; USPAT;	OR	OFF	OFF	2018/08/02 02:53 PM
		"20130098349"	USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/02 02:55 PM
L93	4	"20130098349"	(US-PGPUB; USPAT;	OR	OFF	OFF	2018/08/02 02:55 PM
		"20130122439"	USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/02 02:58 PM
L94	5	"20130122439"	(US-PGPUB; USPAT;	OR	OFF	OFF	2018/08/02 02:58 PM
		"20060169238"	USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/02 02:58 PM
L95	1	"20060169238"	(USPAT)	OR	OFF	OFF	2018/08/02 02:58 PM
		123/198E.ccls. and (dual near3 fuel)	(USPAT)	OR	OFF	OFF	2018/08/02 03:01 PM
L96	0	123/198E.ccls. and (dual near3 fuel)	(USPAT)	OR	OFF	OFF	2018/08/02 03:01 PM
		123/198E.ccls. and (dual near3 fuel)	(USPAT)	OR	OFF	OFF	2018/08/02 03:01 PM
L97	1	123/198E.ccls. and (dual near3 fuel)	(US-PGPUB; USPAT;	OR	OFF	OFF	2018/08/02 03:02 PM
		123/198E.ccls. and (dual near3 fuel)	USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/02 03:02 PM
L98	1	123/198E.ccls. and (dual near3 fuel)	(US-PGPUB; USPAT;	OR	OFF	OFF	2018/08/02 03:02 PM
		123/2.ccls. and (dual near3 fuel)	USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/02 04:27 PM
L99	10	123/2.ccls. and (dual near3 fuel)	(US-PGPUB; USPAT;	OR	OFF	OFF	2018/08/02 04:27 PM
		60/39.463. and (dual near3 fuel)	USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/02 04:31 PM
L100	0	60/39.463. and (dual near3 fuel)	(US-PGPUB; USPAT;	OR	OFF	OFF	2018/08/02 04:31 PM
		60/39.463.ccls. and	USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/02 04:31 PM
L101	121	60/39.463.ccls. and	(US-PGPUB; USPAT;	OR	OFF	OFF	2018/08/02 04:31 PM

		(dual near3 fuel)	USOCR; FPRS; EPO; JPO; DERWENT)				04:31 PM
L102	34	60/39.463.ccls. and ((dual near3 fuel) same (valve))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/02 04:32 PM
L103	50	"4489699"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/02 05:42 PM
L104	5	generator and (((dual or multiple or second\$4) near3 (fuel)) same (valve near2 handle) same (user or operator or manual or manually))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/16 11:09 PM
L105	16	generator and (((dual or multiple or second\$4) near3 (fuel)) same (valve near2 handle))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/16 11:10 PM
L106	20	generator and (((dual or multiple or second\$4) near3 (fuel)) same (valve near3 handle))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/16 11:10 PM
L107	540	generator and (((dual or multiple or second\$4) near3 (fuel)) same (valve) same (user or operator or manual or manually))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/16 11:12 PM
L108	124	generator and (((dual or multiple or second\$4) near3 (fuel)) same (valve) same (user or operator or manual or manually) same switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/16 11:13 PM
L109	4	("2681694").URPN.	(USPAT)	OR	OFF	OFF	2019/06/16 11:23 PM
L110	37	F02D19/0676.cpc. and ((valve) same (user or operator or manual or manually) same switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 05:17 PM
L111	19	F02D19/0681.cpc. and ((valve) same (user or operator or manual or manually) same switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 05:21 PM
L112	3	("2008/0022983").URP N.	(USPAT)	OR	OFF	OFF	2019/06/17 05:25 PM
L113	0	F02B2063/046.cpc. and ((valve) same (user or operator or manual or manually) same switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 05:29 PM
L114	23	F02B2063/046.cpc. and ((valve) same (user or operator or manual or	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 05:29 PM

L115	23	manually)) F02B2063/046.cpc. and ((valve) same (user or operator or manual or manually or mechanically or mechanical))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 05:54 PM
L116	33	F02B63/048.cpc. and ((valve) same (user or operator or manual or manually or mechanically or mechanical))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 05:54 PM
L117	1201	((((dual or multiple or second\$4 or bi) near3 (fuel)) same generator) and ((valve) same (user or operator or manual or manually or mechanically or mechanical))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:00 PM
L118	72	((((dual or multiple or second\$4 or bi) near3 (fuel)) same generator) and ((valve) same (user or operator or manual or manually or mechanically or mechanical) same handle)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:01 PM
L119	14	((((dual or multiple or second\$4 or bi) near3 (fuel)) same generator).ti. and ((valve) same (user or operator or manual or manually or mechanically or mechanical))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:05 PM
L120	5	((((dual or multiple or second\$4 or bi) near3 (fuel)) same generator).ti. and ((valve) same handle)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:12 PM
L121	139	((((dual or multiple or second\$4 or bi) near3 (fuel)) same generator) and ((valve) same handle)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:12 PM
L122	34	((((dual or multiple or second\$4 or bi) near3 (fuel)) same generator) and ((valve) near3 handle)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:12 PM
L123	555	generator and (((dual or	(US-PGPUB; USPAT;	OR	ON	ON	2019/06/17

L124	310	multiple or second\$4 or bi) near3 (fuel)) same (valve) same (user or operator or manual or manually))	USOCR; FPRS; EPO; JPO; DERWENT)				06:23 PM
		((((dual or multiple or second\$4 or bi) near3 (fuel)) same generator) and ((valve) near3 (switch or lever or selector))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:23 PM
L125	275	(generator same (case or casing or housing or enclosure)) and (((dual or multiple or second\$4 or bi) near3 (fuel))) and ((valve) same (fuel near3 (switch or lever or selector or handle)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:36 PM
L126	9	("2007/0137591").URP N.	(USPAT)	OR	OFF	OFF	2019/06/17 06:40 PM
L127	725165	(generator).ti. engine and (((dual or multiple or second\$4 or bi) near3 (fuel))) and ((valve) same (fuel near3 (switch or lever or selector or handle)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:48 PM
L128	23	(generator).ti. and engine and (((dual or multiple or second\$4 or bi) near3 (fuel))) and ((valve) same (fuel near3 (switch or lever or selector or handle)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:49 PM
L129	47	(generator).ti. and engine and (((dual or multiple or second\$4 or bi) near3 (fuel))) and ((fuel near3 (switch or lever or selector or handle)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:49 PM
L130	0	((((dual or multiple or second\$4 or bi) near3 (fuel) near3 gnerator)) and (second\$4 near3 (fuel near3 (switch or lever or selector or handle)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:56 PM
L131	18	((((dual or multiple or second\$4 or bi) near3 (fuel) near3 generator)) and (second\$4 near3 (fuel near3 (switch or lever or selector or	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:57 PM

L132	34	handle))) (((dual or multiple or second\$4 or bi) near3 (fuel) near3 generator)) and ((user or manual or manually or operator or mechanically) same (fuel near3 (switch or lever or selector or handle)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 07:00 PM
L133	393	(generator or genset) and (((dual or multiple or second\$4 or bi) near3 (fuel))) and ((user or manual or manually or operator or mechanically) same (fuel near3 (switch or lever or selector or handle)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 07:03 PM
L134	433	123/525.ccls.	(USPAT)	OR	OFF	OFF	2019/06/17 07:31 PM
L135	186	123/525.ccls. and (fuel same valve same (handle or switch or lever or selector))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2019/06/17 07:31 PM
L136	22	123/525.ccls. and (generator or genset) and (fuel same valve same (handle or switch or lever or selector))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2019/06/17 07:32 PM
L137	5	"20070137591"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2019/06/17 07:37 PM
L138	1	"20070137591"	(USPAT)	OR	OFF	OFF	2019/09/25 01:50 PM
L139	2	"20070137591"	(US-PGPUB; USPAT)	OR	OFF	OFF	2019/09/25 01:50 PM
L140	46	"4489699"	(US-PGPUB; USPAT)	OR	OFF	OFF	2019/09/25 01:50 PM
L141	63	("20020134362" "20040 139943" "20100258099 " "20110168133" "2011 0253102" "2013004796 4" "20130220274" "201 40202430" "201402383 40" "20140373531" "20 150122230" "2722208" " "3384059" "3412258" "3 659574" "3718000" "37 83849" "3888223" "433 5697" "4372276" "4373 493" "4393848" "44508 21" "4463735" "448059	(US-PGPUB; USPAT)	OR	OFF	OFF	2019/12/19 08:00 PM

		5" "4502453" "4619240" "4628871" "4708094" "4895124" "4979480" "5092305" "5161496" "5171487" "5228423" "5287839" "5320078" "5325835" "5379740" "5419291" "5438968" "5450832" "5611312" "5673670" "5809979" "5816224" "6082323" "6213083" "6223730" "6276345" "6401685" "6453877" "6591817" "6914342" "7905469" "8342158" "8590510" "9435273" "20040240141" "20060169238" "20130098349" "20130122439" "4489699").PN					
L143	1	"10598101"	(USPAT)	OR	OFF	OFF	2021/02/23 08:07 AM
L144	1	"20070137591"	(USPAT)	OR	OFF	OFF	2021/03/08 07:48 PM
L145	2	"20070137591"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/03/08 07:48 PM
L146	5	"10598101"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/03/08 08:36 PM
L147	49	"4489699"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/03/08 09:16 PM
L148	0	carburettor near3 solenoid near3 switch	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/03/08 09:21 PM
L149	0	carburettor near3 solenoid near3 switch	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO)	OR	OFF	OFF	2021/03/08 09:22 PM
L150	43	carbur\$8 near3 solenoid near3 switch	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO)	OR	OFF	OFF	2021/03/08 09:22 PM
L151	38	engine and (carbur\$8 near3 solenoid near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO)	OR	OFF	OFF	2021/03/08 09:22 PM
L152	0	engine and geneartor and (carbur\$8 near3 solenoid near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO)	OR	OFF	OFF	2021/03/08 09:22 PM
L153	26	engine and generator and (carbur\$8 near3 solenoid near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO)	OR	OFF	OFF	2021/03/08 09:22 PM
L154	19	("20070137591" "2398437" "3911956" "4323046" "4375795" "4471805" "4492207" "4750514" "4788960" "5934320" "6543395" "6591817" "7591257" "7802562" "790	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/03/08 10:09 PM

L155	10	5469" "8042569" "8757 139" "8944027" "91756 01").PN. (generator) and (engine) and ((fuel near3 selector) same (second\$4 near3 (outlet or output)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 12:17 PM
L156	6020	(generator) and (engine) and ((dual enar3 fuel) same (second\$4 near3 (outlet or output)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 12:19 PM
L157	31	(generator) and (engine) and ((dual near3 fuel) same (second\$4 near3 (outlet or output)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 12:19 PM
L158	5	(generator) and (engine) and ((dual or second\$4) near3 fuel) and ((solenoid near3 switch) same (fuel adj solenoid))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 01:33 PM
L159	27	(generator) and (engine) and ((dual or second\$4) near3 fuel) and (fuel near3 solenoid near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 01:37 PM
L160	21	(generator) and (engine) and ((dual or second\$4) near3 fuel) and (fuel near3 (cut or cut-off) near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 02:08 PM
L161	958	(generator) and (engine) and ((dual or second\$4) near3 fuel) and (fuel near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 02:09 PM
L162	348	(generator) and (engine) and (((dual or second\$4) near3 fuel) same (fuel near3 switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 02:10 PM
L163	83	(engine) and (((dual or second\$4) near3 fuel) same (selector near3 switch) same (fuel near3 switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 02:13 PM
L164	1492	(engine) and (((dual or second\$4) near3 fuel) same (fuel near3 switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 02:41 PM
L165	0	gneerator and (engine) and (((dual or	(US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	ON	2021/06/15 02:41 PM

L166	348	second\$4) near3 fuel) same (fuel near3 switch)) generator and (engine) and (((dual or second\$4) near3 fuel) same (fuel near3 switch))	JPO; DERWENT) (US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 02:41 PM
L167	14	("2006/0065216").URP N.	(USPAT)	OR	OFF	OFF	2021/06/15 02:59 PM
L168	100	engine and ((fuel near3 selector) same (fuel near3 switch))	(USPAT)	OR	OFF	OFF	2021/06/15 05:11 PM
L169	2	engine and ((fuel near3 selector) same (kill near3 switch))	(USPAT)	OR	OFF	OFF	2021/06/15 05:11 PM
L170	4	engine and ((fuel near3 selector) same (kill near3 switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2021/06/15 05:11 PM
L171	0	engine and ((dual near3 duel) same (kill near3 switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2021/06/15 05:12 PM
L172	0	engine and ((dual near3 fuel) same (kill near3 switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2021/06/15 05:12 PM
L173	5	engine and ((dual near3 fuel) same ((cut or cut-off) near3 switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2021/06/15 05:12 PM
L174	7	("20070215223" "42879 08" "4364370" "441624 4" "5555873" "7954479" "9523497").PN.	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/06/15 05:17 PM
L175	10	"4306579"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/06/15 05:27 PM
L176	8655	generator and (solenoid near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 04:52 PM
L177	1022	generator and ((solenoid near3 switch) near5 (closed))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 04:53 PM
L178	238	generator and ((solenoid near3 switch) near5 (closed) near5 open)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 04:53 PM
L179	9	generator and ((solenoid near3 switch) near5 (closed) near5 (fuel))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 04:54 PM
L180	2	generator and ((solenoid near3 switch) same (fuel near3 mode))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 05:09 PM

L181	721	generator and ((solenoid near3 switch) same (fuel))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 05:09 PM
L182	132	generator and ((solenoid near3 switch) same (fuel near3 solenoid))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 05:10 PM
L183	58	generator and ((solenoid near3 switch) same (fuel near3 solenoid) same closed)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 05:23 PM
L184	2	engine and ((solenoid near3 switch) same (fuel near3 solenoid) same closed same (first near3 mode))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 05:27 PM
L185	2	engine and (((fuel near3 solenoid near3 switch) near5 closed) same (first near3 mode))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 05:28 PM
L186	2	engine and (((fuel near3 solenoid near3 switch) near5 closed) same (selector near3 switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 05:29 PM
L187	2	engine and (((fuel near3 solenoid near3 switch) near5 closed) same (mode))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 05:29 PM
L188	24	engine and (((fuel near3 solenoid near3 switch) near5 closed))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 05:29 PM
L189	9	engine and (((solenoid near3 switch) near5 closed) same (fuel near3 solenoid) same (operator or manual))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 06:16 PM
L190	9	engine and (((solenoid near3 switch) near5 closed) same (fuel near3 solenoid) same (operator or manual or user))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 06:16 PM
L191	9	engine and (((solenoid near3 switch) near5 closed) same (fuel near3 solenoid) same (operator or manual or user))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 06:23 PM
L192	147	(engine or generator) and ((solenoid near3 switch) same ((second\$4 or dual) near3 fuel))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 06:26 PM
L193	23	(engine or generator)	(US-PGPUB; USPAT;	OR	ON	ON	2021/06/17

L194	26	and ((solenoid adj switch) same ((second\$4 or dual) near3 fuel))	USOCR; FPRS; EPO; JPO; DERWENT)				06:27 PM
		(engine or generator) and ((fuel near3 solenoid near3 switch) same ((second\$4 or dual) near3 fuel))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 06:33 PM
L195	0	((fuel near3 solenoid near3 switch) same operator same ((second\$4 or dual) near3 fuel))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 06:36 PM
L196	0	((fuel near3 solenoid near3 switch) same user same ((second\$4 or dual) near3 fuel))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 06:37 PM
L197	48	(engine or generator) and ((fuel near3 (cut\$4 or cut-off or stop) near3 switch) same ((second\$4 or dual) near3 fuel))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 06:37 PM
L198	612	generator and ((fuel near3 solenoid) same (switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/12/14 02:44 PM
L199	164	generator and ((fuel near3 solenoid) near5 (switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/12/14 02:44 PM
L200	31	generator and ((fuel adj solenoid) near5 (switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/12/14 02:44 PM
L201	32	(generator) and (engine) and ((dual or second\$4) near3 fuel) and ((fuel near3 solenoid near3 switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2022/02/04 04:19 PM
L202	57	dyson and (hair near3 dryer)	(USPAT)	OR	ON	ON	2022/02/04 04:22 PM
L203	3	(11306667;10598101;9435273).pn.	(USPAT)	OR	ON	ON	2022/09/09 03:58 PM
L204	34	(dual near3 fuel) AND (solenoid near3 switch) SAME (solenoid) SAME off	(US-PGPUB; USPAT)	OR	ON	ON	2023/01/20 05:23 PM
L205	87	(dual near3 fuel) AND ((solenoid near3 switch) SAME (solenoid) SAME off)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV,	OR	ON	ON	2023/01/20 05:23 PM

L206	18	(dual near3 fuel) AND ((solenoid ADJ switch) SAME (solenoid) SAME off)	MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT) (US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2023/01/20 05:25 PM
L207	45	(dual near3 fuel) AND ((fuel near3 solenoid near3 switch))	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2023/01/20 05:38 PM
L208	38	(dual near3 fuel) AND ((fuel near3 solenoid near3 switch))	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT)	OR	OFF	ON	2023/01/20 05:38 PM
L209	4	(9435273; 10598101; 11306667; "11761390").pn.	(US-PGPUB; USPAT)	OR	ON	ON	2023/11/29 05:29 PM
L210	4	("9435273,"	(US-PGPUB; USPAT)	OR	ON	ON	2023/11/29

L211	4	"10598101," "11306667," "11761390").pn. (9435273 10598101 11306667 "11761390").pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	05:29 PM 2023/11/29 05:30 PM
L212	9	"10598101"	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/05 04:03 PM
L213	3	"11761390"	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/05 04:07 PM
L214	0	(14069747 15015205).a pp.	(US-PGPUB; USPAT)	OR	ON	ON	2024/06/24 11:31 AM
L215	0	(14069747 15015205).a pp.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO)	OR	ON	ON	2024/06/24 11:31 AM
L216	0	(14069747;15015205).a pp.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO)	OR	ON	ON	2024/06/24 11:31 AM
L217	0	(14069747;15015205).a pp.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA,	OR	ON	ON	2024/06/24 11:31 AM

L218	0	("14069747,15015205").app.	VN); FPRS; EPO; JPO) (US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO)	OR	ON	ON	2024/06/24 11:31 AM
L219	0	("14/069747 15/015205").app.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO)	OR	ON	ON	2024/06/24 11:31 AM
L220	0	(14069747 15015205").app.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO)	OR	ON	ON	2024/06/24 11:32 AM
L221	0	(14069747 15015205").ap.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO,	OR	ON	ON	2024/06/24 11:32 AM

L222	9	Y10T137/0318.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND ((fuel near3 solenoid near3 switch))	MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:36 PM
L223	11	Y10T137/0318.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND (fuel near3 solenoid)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:36 PM
L224	104	Y10T137/0318.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:36 PM
L225	74	Y10T137/0318.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:36 PM
L226	12	Y10T137/0318.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND carburetor	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:36 PM
L227	12	Y10T137/0491.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND carburetor	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:36 PM
L228	12	Y10T137/87684.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND carburetor	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:37 PM
L229	65	Y10T137/0318.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid AND switch	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:37 PM
L230	12	Y10T137/0318.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid AND switch AND selector	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:37 PM

L231	65	Y10T137/0318.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid AND switch	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:37 PM
L232	12	Y10T137/0491.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid AND switch	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:37 PM
L233	12	Y10T137/87684.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid AND switch	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:37 PM
L234	293	Y02T10/30.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid AND switch	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:37 PM
L235	0	Y02T10/30.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid AND switch AND selct\$4	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:37 PM
L236	240	Y02T10/30.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid AND switch AND select\$4	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:38 PM
L237	9	("20040094116" OR "20100330518" OR "20110011369" OR "20110100335" OR "20120193558" OR "4574763" OR "5301644" OR "8465277" OR "9702480").pn.	(US-PGPUB; USPAT)	OR	ON	ON	2024/11/12 01:35 PM
L238	18	"4492207"	(US-PGPUB; USPAT)	OR	ON	ON	2024/11/15 03:28 PM
L239	23	("1931698" OR "20040094116" OR "20060236976" OR "20110140290" OR "20130168969" OR "20190323424" OR "2672189" OR "2861591" OR	(US-PGPUB; USPAT)	OR	ON	ON	2025/04/05 04:24 PM

L240	6	"3250264" OR "3807377" OR "3982516" OR "4347195" OR "4353345" OR "4354477" OR "4370969" OR "4574763" OR "5301644" OR "6640770" OR "6886508" OR "7261280" OR "7404546" OR "8082947" OR "8408183").pn. "2005330867"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2025/07/03 10:50 AM
L241	13	("1679159" OR "1827214" OR "2645570" OR "2945111" OR "4065096" OR "4287908" OR "4641625" OR "4811720" OR "4878475" OR "6276345" OR "7165536" OR "7481087" OR "8040663").pn.	(US-PGPUB; USPAT)	OR	ON	ON	2025/07/25 04:12 PM
L242	6	"2005330867"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO;	OR	ON	ON	2025/07/25 04:22 PM

L243	21	"11082083"	JPO; DERWENT) (US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2025/07/25 04:22 PM
L244	0	"H11082083"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2025/07/25 04:22 PM
L245	66	"6128734"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2025/07/25 04:23 PM

PE2E SEARCH - Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
N68	0	(dual near3 fuel near3 (engine or generator)) same (fuel near3 (valve or supply) near3 (lever or switch or	(USPAT)	OR	OFF	OFF	2016/04/21 07:37 PM

N142	2	handle)).clm. (dual near3 fuel near3 (engine or generator)) same (fuel near3 (valve or supply) near3 (lever or switch or handle)).clm.	(USPAT)	OR	ON	ON	2019/12/19 07:59 PM
N203	3	(dual near3 fuel near3 (engine or generator)) same (fuel near3 (valve or supply) near3 (lever or switch or handle)).clm.	(USPAT)	OR	ON	ON	2022/02/04 04:20 PM
N204	57	dyson and (hair near3 dryer)	(USPAT)	OR	ON	ON	2022/02/04 04:22 PM
N205	12	((((dual near3 fuel near3 (engine OR generator)) AND fuel AND (solenoid) AND switch)).clm.	(USPAT)	OR	OFF	OFF	2023/07/27 04:34 PM
N206	15	(engine AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid AND switch AND select\$4).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2024/06/28 07:39 PM

Bibliographic Data

Application No: 18/443,530

Foreign Priority claimed: ☐ Yes ☒ No

35 USC 119 (a-d) conditions met: ☐ Yes ☒ No ☐ Met After Allowance

Verified and Acknowledged: /SYED O HASAN/

Examiner's Signature

Initials

Title: DUAL FUEL SELECTOR SWITCH

FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
02/16/2024	137	3747	CET1090.124
RULE			

APPLICANTS

Champion Power Equipment, Inc., Santa Fe Springs, CA, UNITED STATES

INVENTORS

Mark J. Sarder, Waukesha, WI, UNITED STATES

Leigh Jenison, Hartland, WI, UNITED STATES

Ian Schmit, Cedarburg, WI, UNITED STATES

CONTINUING DATA

This application is a CON of 18330807 06/07/2023 PAT 11905896

18330807 is a CON of 17651245 02/16/2022 PAT 11761390

17651245 is a CON of 16789722 02/13/2020 PAT 11306667

16789722 is a CON of 15015205 02/04/2016 PAT 10598101

15015205 is a CON of 14069747 11/01/2013 PAT 9435273

FOREIGN APPLICATIONS

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02/29/2024

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Receipt date: 07/11/2025

18/443,530 - GAU: 3747

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08 (01-25)

Approved for use through 11/30/2027. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number	18443530
	Filing Date	2024-02-16
	First Named Inventor	Mark J. Sarder
	Art Unit	3747
	Examiner Name	Syed O Hasan
	Attorney Docket Number	CET1090.124

U.S. PATENTS							Remove
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Inventor of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	
	1	1679159	A	1928-07-31	French		
	2	1827214	A	1931-10-13	Sturm		
	3	2645570	A	1953-07-14	Anderson		
	4	2945111	A	1960-07-12	McCormick		
	5	4065096	A	1977-12-27	Frantz et al.		
	6	4287908	A	1981-09-08	Storgard		
	7	4641625	A	1987-02-10	Smith		
	8	4811720	A	1989-03-14	Katumata et al.		

PC.1.19.25

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.O.H/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number		18443530	
	Filing Date		2024-02-16	
	First Named Inventor	Mark J. Sarder		
	Art Unit	3747		
	Examiner Name	Syed O Hasan		
	Attorney Docket Number	CET1090.124		

	9	4878475	A	1989-11-07	Birsa	
	10	6276345	B1	2001-08-21	Nelson et al.	
	11	7165536	B2	2007-01-23	Kirk et al.	
	12	7481087	B2	2009-01-27	De Vries	
	13	8040663	B1	2011-10-18	Czarnecki	

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	1	2005330867	JP	A	2005-12-02	Nippon Walburo Co.		☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number	18443530
	Filing Date	2024-02-16
	First Named Inventor	Mark J. Sarder
	Art Unit	3747
	Examiner Name	Syed O Hasan
	Attorney Docket Number	CET1090.124

	2	H11082083	JP	A	1999-03-26	Kubota Corporation		☐
	3	S6128734	JP	A	1986-02-08	Denso Corporation; Toyota Motor Corporation		☐

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NON-PATENT LITERATURE DOCUMENTS

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Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
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EXAMINER SIGNATURE

Examiner Signature	/SYED O HASAN/	Date Considered	07/25/2025
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*EXAMINER: Initial if reference considered and whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Application Number	18443530
Filing Date	2024-02-16
First Named Inventor	Mark J. Sarder
Art Unit	3747
Examiner Name	Syed O Hasan
Attorney Docket Number	CET1090.124

TIMING STATEMENT

Please see 37 CFR 1.97(e) to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached timing statement under 37 CFR 1.97(e).

☐ A timing statement under 37 CFR 1.97(e) is not submitted herewith.

TIMING FEE

☐ The fee set forth in 37 CFR 1.17(p) has been submitted herewith.

COPIES

☐ An identification of an earlier application pursuant to 37 CFR 1.98(d)(1) is attached.

SIZE FEE ASSERTION

Please see 37 CFR 1.17(v) and the [IDS Auto-Load instructions](#) for completing this form to make the appropriate selection of an assertion under 37 CFR 1.98. For the information disclosure statement (IDS) submitted herewith, the applicant or patent owner certifies the following with respect to the cumulative number of applicant-provided or patent-owner provided items of information submitted to date including those in the accompanying IDS (select only one):

☐ No IDS size fee is required under 37 CFR 1.17(v) at this time.

☐ The IDS is accompanied by the IDS size fee under 37 CFR 1.17(v)(1).

☒ The IDS is accompanied by the IDS size fee under 37 CFR 1.17(v)(2).

☐ The IDS is accompanied by the IDS size fee under 37 CFR 1.17(v)(3).

SIGNATURE

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature.

Signature	/Jacob M. Fritz/	Date (YYYY-MM-DD)	2025-07-11
Name/Print	Jacob M. Fritz	Registration Number	71459

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number	18443530
	Filing Date	2024-02-16
	First Named Inventor	Mark J. Sarder
	Art Unit	3747
	Examiner Name	Syed O Hasan
	Attorney Docket Number	CET1090.124

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
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5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
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9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.



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ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION # 18/443,530	RECEIPT DATE / TIME 07/11/2025 06:24:48 PM Z ET	ATTORNEY DOCKET # CET1090.124
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Title of Invention

DUAL FUEL SELECTOR SWITCH

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	-
CONFIRMATION #	3492	FILED BY	Robyn Templin
PATENT CENTER #	71333990	FILING DATE	02/16/2024
CUSTOMER #	26629	FIRST NAMED INVENTOR	Mark J. Sarder
CORRESPONDENCE ADDRESS	-	AUTHORIZED BY	Jacob Fritz

Documents

TOTAL DOCUMENTS: 5

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
2025.07.11 RCE Transmittal.pdf	3	Request for Continued Examination (RCE)	1640 KB
2025.07.11 IDS.pdf	6	Information Disclosure Statement (IDS) Form (SB08)	1422 KB
FPD1-JP2005330867A.pdf	23	Foreign Reference	9354 KB
FPD2-JPH11082083A.pdf	23	Foreign Reference	6471 KB
FPD3-JPS6128734A.pdf	14	Foreign Reference	13223 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
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2025.07.11 RCE Transmittal.pdf	57E87D644B07885AF71066B6BDA2FAFCA433F8AB21D5C9655 138376EFE3F4E39BEB030DAD24ACCC5AF059C8E4E8AD97F1 BF0E631F43FC9C8CE0D766BFCDD778A
2025.07.11 IDS.pdf	6F710F67F0EA6818F20A7876C247D7748380BC454A7A402B63 A8198D3757BEE0289F940876E672014CBCAB3D7B0ACD3618 B59D8C4BADCC8DE7DEDBA437C655E9D
FPD1-JP2005330867A.pdf	73AD1D678B0C01C8559F9BDAC805B4E04A6C10C3F59D23DC 080E8234E6BA8F3F80254659480432ECA8547E96942400C885 89B4B9AF123C9BDBD6CB2E15D1F880
FPD2-JPH11082083A.pdf	990B99303353BC2EBDA3ED42B32948260E05C55EFF189EFE6 8F9B52EA07DD1D52B04090EBFE1F62C0101515EF83011A472 343D71B714690DDFF6D164F52DE272
FPD3-JPS6128734A.pdf	3D5D8D82DE281017890C9AE3588268D6A29170E9B3D8310F8 C27822F54CA6A65C93D9E9170045D0FECC3DE5E91479A7893 F7F98C22C48A67065CB1B11E7893F5

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number	18443530
	Filing Date	2024-02-16
	First Named Inventor	Mark J. Sarder
	Art Unit	3747
	Examiner Name	Syed O Hasan
	Attorney Docket Number	CET1090.124

U.S. PATENTS Remove						
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Inventor of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	1679159	A	1928-07-31	French	
	2	1827214	A	1931-10-13	Sturm	
	3	2645570	A	1953-07-14	Anderson	
	4	2945111	A	1960-07-12	McCormick	
	5	4065096	A	1977-12-27	Frantz et al.	
	6	4287908	A	1981-09-08	Storgard	
	7	4641625	A	1987-02-10	Smith	
	8	4811720	A	1989-03-14	Katumata et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number		18443530	
	Filing Date		2024-02-16	
	First Named Inventor	Mark J. Sarder		
	Art Unit	3747		
	Examiner Name	Syed O Hasan		
	Attorney Docket Number	CET1090.124		

	9	4878475	A	1989-11-07	Birsa	
	10	6276345	B1	2001-08-21	Nelson et al.	
	11	7165536	B2	2007-01-23	Kirk et al.	
	12	7481087	B2	2009-01-27	De Vries	
	13	8040663	B1	2011-10-18	Czarnecki	

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Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1	2005330867	JP	A	2005-12-02	Nippon Walburo Co.		☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number	18443530
	Filing Date	2024-02-16
	First Named Inventor	Mark J. Sarder
	Art Unit	3747
	Examiner Name	Syed O Hasan
	Attorney Docket Number	CET1090.124

	2	H11082083	JP	A	1999-03-26	Kubota Corporation		☐
	3	S6128734	JP	A	1986-02-08	Denso Corporation; Toyota Motor Corporation		☐

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NON-PATENT LITERATURE DOCUMENTS

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Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1		☐

If you wish to add additional non-patent literature document citation information, please click the Add button

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EXAMINER SIGNATURE

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered and whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number	18443530
	Filing Date	2024-02-16
	First Named Inventor	Mark J. Sarder
	Art Unit	3747
	Examiner Name	Syed O Hasan
	Attorney Docket Number	CET1090.124

TIMING STATEMENT

Please see 37 CFR 1.97(e) to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached timing statement under 37 CFR 1.97(e).

☐ A timing statement under 37 CFR 1.97(e) is not submitted herewith.

TIMING FEE

☐ The fee set forth in 37 CFR 1.17(p) has been submitted herewith.

COPIES

☐ An identification of an earlier application pursuant to 37 CFR 1.98(d)(1) is attached.

SIZE FEE ASSERTION

Please see 37 CFR 1.17(v) and the [IDS Auto-Load instructions](#) for completing this form to make the appropriate selection of an assertion under 37 CFR 1.98. For the information disclosure statement (IDS) submitted herewith, the applicant or patent owner certifies the following with respect to the cumulative number of applicant-provided or patent-owner provided items of information submitted to date including those in the accompanying IDS (select only one):

☐ No IDS size fee is required under 37 CFR 1.17(v) at this time.

☐ The IDS is accompanied by the IDS size fee under 37 CFR 1.17(v)(1).

☒ The IDS is accompanied by the IDS size fee under 37 CFR 1.17(v)(2).

☐ The IDS is accompanied by the IDS size fee under 37 CFR 1.17(v)(3).

SIGNATURE

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature.

Signature	/Jacob M. Fritz/	Date (YYYY-MM-DD)	2025-07-11
Name/Print	Jacob M. Fritz	Registration Number	71459

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number	18443530
	Filing Date	2024-02-16
	First Named Inventor	Mark J. Sarder
	Art Unit	3747
	Examiner Name	Syed O Hasan
	Attorney Docket Number	CET1090.124

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The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
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9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Doc code: RCEX

Doc description: Request for Continued Examination (RCE)

PTO/SB/30EFS (01-22)

Approved for use through 05/31/2024. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL (Submitted Only via EFS-Web)							
Application Number	18443530	Filing Date	2024-02-16	Docket Number (if applicable)	CET1090.124	Art Unit	3747
First Named Inventor	Mark J. Sarder			Examiner Name	Syed O Hasan		
This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application. Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. The Instruction Sheet for this form is located at WWW.USPTO.GOV							
SUBMISSION REQUIRED UNDER 37 CFR 1.114							
Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).							
☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked. ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____ ☐ Other _____							
☒ Enclosed ☐ Amendment/Reply ☒ Information Disclosure Statement (IDS) ☐ Affidavit(s)/ Declaration(s) ☐ Other _____							
MISCELLANEOUS							
☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of months _____ (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required) ☐ Other _____							
FEES							
☐ The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed. ☐ The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to Deposit Account No _____							
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED							
☒ Patent Practitioner Signature ☐ Applicant Signature							

Signature of Registered U.S. Patent Practitioner			
Signature	/Jacob M. Fritz/	Date (YYYY-MM-DD)	2025-07-11
Name	Jacob M. Fritz	Registration Number	71459

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

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9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.



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ELECTRONIC PAYMENT RECEIPT

APPLICATION # 18/443,530	RECEIPT DATE / TIME 07/11/2025 06:24:48 PM Z ET	ATTORNEY DOCKET # CET1090.124
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Title of Invention

DUAL FUEL SELECTOR SWITCH

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	-
CONFIRMATION #	3492	FILED BY	Robyn Templin
PATENT CENTER #	71333990	AUTHORIZED BY	Jacob Fritz
CUSTOMER #	26629	FILING DATE	02/16/2024
CORRESPONDENCE ADDRESS	-	FIRST NAMED INVENTOR	Mark J. Sarder

Payment Information

PAYMENT METHOD CARD / 4529	PAYMENT TRANSACTION ID E20257AI26548320	PAYMENT AUTHORIZED BY Robyn Templin
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FEE CODE	DESCRIPTION	ITEM PRICE(\$)	QUANTITY	ITEM TOTAL(\$)
2833	FILING AN INFORMATION DISCLOSURE STATEMENT THAT CAUSES THE CUMULATIVE NUMBER OF APPLICANT- PROVIDED ITEMS OF INFORMATION TO EXCEED 100 BUT NOT EXCEED 200	300.00	1	300.00
2820	REQUEST FOR CONTINUED EXAMINATION (RCE)- 2ND AND SUBSEQUENT REQUEST (SEE 37 CFR 1.114)	1144.00	1	1144.00
TOTAL AMOUNT:				\$1,444.00

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as

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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

26629 7590 04/11/2025
ZIOLOKOWSKI PATENT SOLUTIONS GROUP, SC (ZPS)
136 S WISCONSIN ST
PORT WASHINGTON, WI 53074

EXAMINER

HASAN, SYED O

ART UNIT

PAPER NUMBER

3747

DATE MAILED: 04/11/2025

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/443,530	02/16/2024	Mark J. Sarder	CET1090.124	3492

TITLE OF INVENTION: DUAL FUEL SELECTOR SWITCH

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$516	\$0.00	\$0.00	\$516	07/11/2025

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 40% the amount of undiscounted fees, and micro entity fees are 20% the amount of undiscounted fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Maintenance fees are due in utility patents issuing on applications filed on or after Dec. 12, 1980. It is patentee's responsibility to ensure timely payment of maintenance fees when due. More information is available at www.uspto.gov/PatentMaintenanceFees.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), by mail or fax, or via the USPTO patent electronic filing system.

By mail, send to: Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

By fax, send to: (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications. **Because electronic patent issuance may occur shortly after issue fee payment, any desired continuing application should preferably be filed prior to payment of this issue fee in order not to jeopardize copendency.**

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

26629 7590 04/11/2025
ZIOLKOWSKI PATENT SOLUTIONS GROUP, SC (ZPS)
136 S WISCONSIN ST
PORT WASHINGTON, WI 53074

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being transmitted to the USPTO via the USPTO patent electronic filing system or by facsimile to (571) 273-2885, on the date below.

(Typed or printed name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/443,530	02/16/2024	Mark J. Sarder	CET1090.124	3492

TITLE OF INVENTION: DUAL FUEL SELECTOR SWITCH

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$516	\$0.00	\$0.00	\$516	07/11/2025

EXAMINER	ART UNIT	CLASS-SUBCLASS
HASAN, SYED O	3747	137-637000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/AIA/122 or PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/AIA/47 or PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,

1 _____

(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. Fees submitted: ☐ Issue Fee ☐ Publication Fee (if required)

4b. Method of Payment: (Please first reapply any previously paid fee shown above)

☐ Electronic Payment via the USPTO patent electronic filing system ☐ Enclosed check ☐ Non-electronic payment by credit card (Attach form PTO-2038)

☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. _____

5. Change in Entity Status (from status indicated above)

☐ Applicant certifying micro entity status. See 37 CFR 1.29

☐ Applicant asserting small entity status. See 37 CFR 1.27

☐ Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____



UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/443,530	02/16/2024	Mark J. Sarder	CET1090.124	3492
26629	7590	04/11/2025	EXAMINER	
ZIOLKOWSKI PATENT SOLUTIONS GROUP, SC (ZPS)			HASAN, SYED O	
136 S WISCONSIN ST			ART UNIT	PAPER NUMBER
PORT WASHINGTON, WI 53074			3747	
DATE MAILED: 04/11/2025				

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. The United States Patent and Trademark Office (USPTO) collects the information in this record under authority of 35 U.S.C. 2. The USPTO's system of records is used to manage all applicant and owner information including name, citizenship, residence, post office address, and other information with respect to inventors and their legal representatives pertaining to the applicant's/owner's activities in connection with the invention for which a patent is sought or has been granted. The applicable Privacy Act System of Records Notice for the information collected in this form is COMMERCE/PAT-TM-7 Patent Application Files, available in the Federal Register at 78 FR 19243 (March 29, 2013).

<https://www.govinfo.gov/content/pkg/FR-2013-03-29/pdf/2013-07341.pdf>

Routine uses of the information in this record may include disclosure to:

- 1) law enforcement, in the event that the system of records indicates a violation or potential violation of law;
- 2) a federal, state, local, or international agency, in response to its request;
- 3) a contractor of the USPTO having need for the information in order to perform a contract;
- 4) the Department of Justice for determination of whether the Freedom of Information Act (FOIA) requires disclosure of the record;
- 5) a Member of Congress submitting a request involving an individual to whom the record pertains, when the individual has requested the Member's assistance with respect to the subject matter of the record;
- 6) a court, magistrate, or administrative tribunal, in the course of presenting evidence, including disclosures to opposing counsel in the course of settlement negotiations;
- 7) the Administrator, General Services Administration (GSA), or their designee, during an inspection of records conducted by GSA under authority of 44 U.S.C. 2904 and 2906, in accordance with the GSA regulations and any other relevant (i.e., GSA or Commerce) directive, where such disclosure shall not be used to make determinations about individuals;
- 8) another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c));
- 9) the Office of Personnel Management (OPM) for personnel research purposes; and
- 10) the Office of Management and Budget (OMB) for legislative coordination and clearance.

If you do not furnish the information requested on this form, the USPTO may not be able to process and/or examine your submission, which may result in termination of proceedings, abandonment of the application, and/or expiration of the patent.

Notice of Allowability	Application No. 18/443,530	Applicant(s) Sarder et al.	
	Examiner SYED O HASAN	Art Unit 3747	AIA (FITF) Status Yes

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 2/25/2025.
☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

3. ☒ The allowed claim(s) is/are 1-12 and 14-20 . As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information , please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to **PPHfeedback@uspto.gov**.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a) ☐ All b) ☐ Some* c) ☐ None of the:

1. ☐ Certified copies of the priority documents have been received.

2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____ .

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)	5. ☒ Examiner's Amendment/Comment
2. ☒ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____.	6. ☒ Examiner's Statement of Reasons for Allowance
3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material _____.	7. ☐ Other _____.
4. ☐ Interview Summary (PTO-413), Paper No./Mail Date. _____.	

/SYED O HASAN/ Primary Examiner, Art Unit 3747	
---	--

DETAILED ACTION

1. This action is in response to applicant's submission filed 2/25/2025. The IDS dated 2/25/2025 was filed along with non patent literature. One of the cited documents reads on claim 10. Therefore, claim 10 has been amended.

Notice of Pre-AIA or AIA Status

2. The present application, filed on or after March 16, 2013, is being examined under the first inventor to file provisions of the AIA.

EXAMINER'S AMENDMENT

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

Claim 10 now recites: A fuel selector for use with a dual fuel generator, the fuel selector comprising: a valve assembly fluidly couplable to each of a first fuel source and a second fuel source and operable to selectively control a first fuel flow and a second fuel flow from the first fuel source and the second fuel source, respectively, to an engine of the dual fuel generator, the valve assembly comprising: at least one fuel valve comprising open and closed positions to selectively control the first fuel flow or the second fuel flow to the engine; a first fuel input fluidly couplable to the first fuel source; a second fuel input fluidly couplable to the second fuel source; a first fuel output fluidly coupled to the engine to supply the first fuel flow to the engine; and a second fuel output

fluidly coupled to the engine to supply the second fuel flow to the engine; ~~[[and]]~~ a selector switch positioned on or adjacent the valve assembly and movable between a first position and a second position to allow a user to manually select only the first fuel flow in the first position or only the second fuel flow in the second position~~[[.]]; and a carburetor solenoid comprising open and closed positions; and a carburetor solenoid switch triggered by the selector switch in the first position or the second position to activate the carburetor solenoid.~~

Claim 13 is now cancelled.

Claim 14 now recites: The fuel selector of claim ~~[[13]]~~ 10 wherein the carburetor solenoid switch is a depressible switch.

Claim 15 now recites: The fuel selector of claim ~~[[13]]~~ 10 wherein triggering the carburetor solenoid switch activates the carburetor solenoid to shut off the first fuel flow or the second fuel flow to the engine.

This amendment was made due to the fact that the last non-patent literature submitted read as a 102(a)(1) reference for claim 10. The non-patent literature are screenshots from a YouTube video titled "Sportsman Dual Fuel (Natural Gas/Propane Gas) Generator" and dated December 12, 2012.

<https://www.youtube.com/watch?v=K6iMO6R9iMM>

Allowable Subject Matter

4. Claims 1-12 and 14-20 are allowed.
5. The following is an examiner's statement of reasons for allowance: No prior art teaches all the limitations of claim 1, 10, 16. Additional reasons are given in the previous notice of allowability.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Refer to PTO-892.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to SYED O HASAN whose telephone number is (571)272-0990. The examiner can normally be reached Monday-Friday; 11AM-7PM.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at <http://www.uspto.gov/interviewpractice>.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lindsay Low can be reached on (571) 272-1196. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of published or unpublished applications may be obtained from Patent Center. Unpublished application information in Patent Center is available to registered users. To file and manage patent submissions in Patent Center, visit: <https://patentcenter.uspto.gov>. Visit <https://www.uspto.gov/patents/apply/patent-center> for more information about Patent Center and <https://www.uspto.gov/patents/docx> for information about filing in DOCX format. For

Application/Control Number: 18/443,530
Art Unit: 3747

Page 5

additional questions, contact the Electronic Business Center (EBC) at 866-217-9197
(toll-free). If you would like assistance from a USPTO Customer Service
Representative, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/SYED O HASAN/
Primary Examiner, Art Unit 3747
4/5/2025

Notice of References Cited	Application/Control No. 18/443,530	Applicant(s)/Patent Under Reexamination Sarder et al.	
	Examiner SYED O HASAN	Art Unit 3747	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date YYYY-MM-DD	Name	CPC Classification	US Classification
	A					
	B					
	C					
	D					
	E					
	F					
	G					
	H					
	I					
	J					
	K					
	L					
	M					

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date YYYY-MM-DD	Country	Name	CPC Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

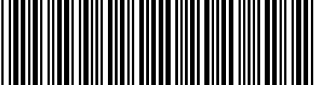
*		Include as applicable: Author, Title, Date, Publisher, Edition or Volume, Pertinent Pages
	U	https://www.youtube.com/watch?v=K6iMO6R9iMM "Sportsman Dual Fuel (Natural Gas/Propane Gas) Generator" dated December 12, 2012 (Year: 2012)
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
 Dates in YYYY-MM-DD format are publication dates. Classifications may be US or foreign.

U.S. Patent and Trademark Office
 PTO-892 (Rev. 11-2023)

Notice of References Cited

Part of Paper No. 20250405

Issue Classification 	Application/Control No. 18/443,530	Applicant(s)/Patent Under Reexamination Sarder et al.
	Examiner SYED O HASAN	Art Unit 3747

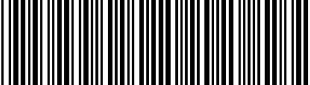
CPC						
Symbol					Type	Version
F02D	/	19	/	0676	F	2013-01-01
F02M	/	13	/	08	I	2013-01-01
F02D	/	19	/	0647	I	2013-01-01
F02D	/	29	/	06	I	2013-01-01
F02D	/	19	/	0613	I	2013-01-01
Y10T	/	137	/	0318	A	2015-04-01
Y10T	/	137	/	0491	A	2015-04-01
Y10T	/	137	/	87684	A	2015-04-01
Y02T	/	10	/	30	A	2013-01-01

CPC Combination Sets					
Symbol		Type	Set	Ranking	Version
/	/				

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	19	
/SYED O HASAN/ Primary Examiner, Art Unit 3747	05 April 2025	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	1

U.S. Patent and Trademark Office

Part of Paper No.: 20250405

Issue Classification 	Application/Control No. 18/443,530	Applicant(s)/Patent Under Reexamination Sarder et al.
	Examiner SYED O HASAN	Art Unit 3747

INTERNATIONAL CLASSIFICATION			
CLAIMED			
F02D	/	19	/ 06
NON-CLAIMED			
	/		/

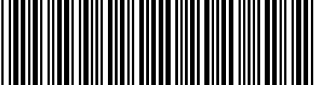
US ORIGINAL CLASSIFICATION	
CLASS	SUBCLASS

CROSS REFERENCES(S)						
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)					

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	19	
/SYED O HASAN/ Primary Examiner, Art Unit 3747 (Primary Examiner)	05 April 2025 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 1

U.S. Patent and Trademark Office

Part of Paper No.: 20250405

Issue Classification 	Application/Control No. 18/443,530	Applicant(s)/Patent Under Reexamination Sarder et al.
	Examiner SYED O HASAN	Art Unit 3747

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47															
CLAIMS															
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
1	1	10	10	18	19										
2	2	11	11	19	20										
3	3	12	12												
4	4		13												
5	5	13	14												
6	6	14	15												
7	7	15	16												
8	8	16	17												
9	9	17	18												

NONE (Assistant Examiner) _____ (Date) _____		Total Claims Allowed: 19	
/SYED O HASAN/ Primary Examiner, Art Unit 3747 (Primary Examiner) _____ (Date) 05 April 2025		O.G. Print Claim(s) 1	O.G. Print Figure 1

U.S. Patent and Trademark Office

Part of Paper No.: 20250405

<i>Index of Claims</i> 	Application/Control No. 18/443,530	Applicant(s)/Patent Under Reexamination Sarder et al.
	Examiner SYED O HASAN	Art Unit 3747

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

CLAIMS										
☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47										
CLAIM		DATE								
Final	Original	06/28/2024	11/16/2024	04/05/2025						
1	1	=	=	=						
2	2	=	=	=						
3	3	=	=	=						
4	4	=	=	=						
5	5	=	=	=						
6	6	=	=	=						
7	7	=	=	=						
8	8	=	=	=						
9	9	=	=	=						
10	10	=	=	=						
11	11	=	=	=						
12	12	=	=	=						
	13	=	=	-						
13	14	=	=	=						
14	15	=	=	=						
15	16	=	=	=						
16	17	=	=	=						
17	18	=	=	=						
18	19	=	=	=						
19	20	=	=	=						

Search Notes 	Application/Control No. 18/443,530	Applicant(s)/Patent Under Reexamination Sarder et al.
	Examiner SYED O HASAN	Art Unit 3747

CPC - Searched*		
Symbol	Date	Examiner
F02D19/0676, 19/0613, 19/0647, 29/06, 19/0681, F02M21/0293, 21/0236, 21/0233, 13/08, 13/08, FO2B53/00, 63/00, HO2K1/22, Y10T137/0318, 137/0491, 137/87684, Y02T10/30	06/28/2024	/S.O.H/
Updated Search	11/16/2024	/S.O.H/
Updated Search	04/05/2025	/S.O.H/

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

Search Notes		
Search Notes	Date	Examiner
Searched in subclasses above with keywords.	06/28/2024	/S.O.H/
SEARCH strategy attached. Inventor name searches performed.	06/28/2024	/S.O.H/

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner
	(engine and (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid and switch and select\$4).clm.	06/28/2024	/S.O.H/

	/SYED O HASAN/ Primary Examiner, Art Unit 3747
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<i>Search Notes</i> 	Application/Control No. 18/443,530	Applicant(s)/Patent Under Reexamination Sarder et al.
	Examiner SYED O HASAN	Art Unit 3747

	/SYED O HASAN/ Primary Examiner, Art Unit 3747
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Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08 (01-25)

Approved for use through 11/30/2027. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number	18443530
	Filing Date	2024-02-16
	First Named Inventor	Mark J. Sarder
	Art Unit	3747
	Examiner Name	Syed O Hasan
	Attorney Docket Number	CET1090.124

U.S. PATENTS Remove						
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Inventor of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	1931698		1933-10-24	Holzapfel	
	2	2672189		1954-03-16	Welch	
	3	2861591		1958-11-25	Hertel	
	4	3250264		1966-05-10	Bartholomew	
	5	3807377		1974-04-30	Hirschler, Jr. et al.	
	6	3982516		1976-09-28	Abernathy	
	7	4347195		1982-08-31	Ogawa	
	8	4353345		1982-10-12	Ebihara	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number		18443530
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	First Named Inventor	Mark J. Sarder	
	Art Unit	3747	
	Examiner Name	Syed O Hasan	
	Attorney Docket Number	CET1090.124	

	9	4354477		1982-10-19	Sprick	
	10	4370969		1983-02-01	Zarrelli et al.	
	11	4574763		1986-03-11	Hallberg	
	12	5301644		1994-04-12	Olmr	
	13	6640770	B2	2003-11-04	Woody	
	14	6886508	B1	2005-05-03	Luffy	
	15	7261280	B2	2007-08-28	Takano et al.	
	16	7404546	B2	2008-07-29	Prager et al.	
	17	8082947	B2	2011-12-27	Chang et al.	
	18	8408183	B2	2013-04-02	Johnson	
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	First Named Inventor	Mark J. Sarder	
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	Attorney Docket Number	CET1090.124	

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Inventor or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	20040094116	A1	2004-05-20	Nishida et al.	
	2	20060236976	A1	2006-10-26	Carlson	
	3	20110140290	A1	2011-06-16	Kumagai et al.	
	4	20130168969	A1	2013-07-04	Markoski	
	5	20190323424	A1	2019-10-24	Markoski et al.	

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Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1	200952429	CN	Y	2007-09-26	Chongqing Chongke Engine Techn		☐
	2	1745201	EP	B1	2010-06-30	David Lange		☐
	3	2480355	FR	A1	1981-10-16	Yamaha Motor Co Ltd		☐

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	Art Unit	3747		
	Examiner Name	Syed O Hasan		
	Attorney Docket Number	CET1090.124		

	4	2485761	GB	A	2012-05-30	Tacoma Properties LLC	☐
	5	2015048776	JP	A	2015-03-16	Keihin Corporation	☐
	6	H07103006	JP	A	1995-04-18	Kubota Corporation	☐
	7	H11190220	JP	A	1999-07-13	Suzuki Motor Corporation	☐

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NON-PATENT LITERATURE DOCUMENTS

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Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T5
	1	"ST-GP7500DEB Owner's Manual," Smarter Tools, Inc., 39 pages, 2012, retrieved from the Internet < https://images.thdstatic.com/catalog/pdfimages/a1/a1fe0e60-a3bc-4e7e-b102-f3f1dff386b2.pdf > on February 24, 2025	☐
	2	"Owner's Manual & Operating Instructions Model Number 41135," Champion Power Equipment, Inc., 29 pages, 2011, retrieved from the Internet < https://apelectric.com/content/PDF/Champion/41135%20Owners%20Manual.pdf > on February 24, 2025	☐
	3	"Owner's Manual GX120-GX160," Honda Motor Co., Ltd., 39 pages, 1990, retrieved from the Internet < https://cdn.powerequipment.honda.com/engines/pdf/manuals/31ZH7600.pdf > on February 24, 2025	☐
	4	"GX120K1 Parts Catalogue 9," Honda Motor Co., Ltd., 216 pages, 2008, retrieved from the Internet < https://www.lsengineers.co.uk/media/advice_centre/Honda/GX120/gx120-parts-diagram.pdf > on February 25, 2025	☐
	5	"Dual Fuel Hybrid Elite XP4400EH Owners Manual," DuroMax Power Equipment, Inc., 36 pages, August 26, 2013, retrieved from the Internet < https://www.absoluteGenerators.com/media/blfa_files/XP4400EH_RV42613_.pdf > on February 24, 2025	☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number		18443530
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	Art Unit	3747	
	Examiner Name	Syed O Hasan	
	Attorney Docket Number	CET1090.124	

6	"Gasoline Powered Generator Owner's Manual," MaxTool LLC, 28 pages, August 13, 2010, retrieved from the Internet < https://device.report/m/8c72e11c948bf71c71aecbc7f79111dbd6f00e5d44d07b8fada3655ff539d759.pdf > on February 25, 2025	☐
7	Screen captures from YouTube video titled "DuroStar DS4000Sr," 9 pages, uploaded August 27, 2013 by user DurostarGeneratorsTV, retrieved from the Internet < https://www.youtube.com/watch?v=HFYYaNVChJc > on February 25, 2025	☐
8	Screen captures from YouTube video titled "Sportsman Dual Fuel (Natural Gas/Propane Gas) Generator," 5 pages, uploaded December 12, 2012 by user Eric Smith, retrieved from the Internet < https://www.youtube.com/watch?v=K6iMO6R9iMM > on February 25, 2025	☐
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*EXAMINER: Initial if reference considered and whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		
¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.		

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	Art Unit	3747
	Examiner Name	Syed O Hasan
	Attorney Docket Number	CET1090.124

TIMING STATEMENT

Please see 37 CFR 1.97(e) to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

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☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

- ☐ See attached timing statement under 37 CFR 1.97(e).
- ☐ A timing statement under 37 CFR 1.97(e) is not submitted herewith.

TIMING FEE

☐ The fee set forth in 37 CFR 1.17(p) has been submitted herewith.

COPIES

☐ An identification of an earlier application pursuant to 37 CFR 1.98(d)(1) is attached.

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Please see 37 CFR 1.17(v) and the [IDS Auto-Load instructions](#) for completing this form to make the appropriate selection of an assertion under 37 CFR 1.98. For the information disclosure statement (IDS) submitted herewith, the applicant or patent owner certifies the following with respect to the cumulative number of applicant-provided or patent-owner provided items of information submitted to date including those in the accompanying IDS (select only one):

- ☐ No IDS size fee is required under 37 CFR 1.17(v) at this time.
- ☒ The IDS is accompanied by the IDS size fee under 37 CFR 1.17(v)(1).
- ☐ The IDS is accompanied by the IDS size fee under 37 CFR 1.17(v)(2).
- ☐ The IDS is accompanied by the IDS size fee under 37 CFR 1.17(v)(3).

SIGNATURE

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature.

Signature	/Jacob M. Fritz/	Date (YYYY-MM-DD)	2025-02-25
Name/Print	Jacob M. Fritz	Registration Number	71459

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number	18443530
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	Art Unit	3747
	Examiner Name	Syed O Hasan
	Attorney Docket Number	CET1090.124

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

PE2E SEARCH - Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
L1	11	((Mark) near2 (Sarder)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/06/23 02:16 PM
L2	2	((Leigh) near2 (Jenison)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/06/23 02:17 PM
L3	2	((Ian) near2 (Schmit)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/06/23 02:18 PM
L4	834	123/525.ccls.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:20 PM
L5	3	123/525.ccls. and (dual near3 fuel near3 generator)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:20 PM
L6	2	123/525.ccls. and (((multiple near3 fuel) or bi-fuel) near3 generator)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:21 PM
L7	3	123/525.ccls. and (((multiple near3 fuel) or bi-fuel or (LPG near5 gasoline)) near10 generator)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:22 PM
L8	236	((multiple near3 fuel) or bi-fuel or (LPG near5 gasoline)) near10 generator)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:22 PM
L9	10	((multiple near3 fuel) or bi-fuel or (LPG near5 gasoline)) near10 generator) same (switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:23 PM
L10	458	f02D19/0676.cpc.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:23 PM
L11	17	F02D19/0676.cpc. and (generator)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:24 PM
L12	6	F02M21/0293.cpc. and (generator)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:24 PM
L13	14	F02M21/0236.cpc. and (generator)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:25 PM
L14	18	F02M21/0233.cpc. and (generator)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:27 PM
L15	21	F02M13/08.cpc. and (generator)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:29 PM

L16	0	(generator) and (dual near3 fuel) and (selector near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:32 PM
L17	16	(generator) and (dual near3 fuel) and (selector near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:32 PM
L18	42	(generator) and ((dual near3 fuel) or (bi-fuel) or (multiple near3 fuel)) and (selector near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:33 PM
L19	46	(generator) and ((dual near3 fuel) or (bi-fuel) or (multiple near3 fuel)) and (fuel near5 select\$4 near5 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:39 PM
L20	46	(generator or genset) and ((dual near3 fuel) or (bi-fuel) or (multiple near3 fuel)) and (fuel near5 select\$4 near5 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:40 PM
L21	728	137/383.ccls.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:58 PM
L22	96	137/384.8.ccls.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:58 PM
L23	0	317/317.5.ccls.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:04 PM
L24	133	273/317.5.ccls.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:04 PM
L25	161	292/4.ccls.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:06 PM
L26	106	292/290.ccls.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:07 PM
L27	578	49/503.ccls.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:15 PM
L28	92	123/2-3.ccls. and (fuel near5 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:16 PM
L29	163	(generator) same (LPG near20 gasoline)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:35 PM
L30	163	(generator) same (LPG near20 gasoline)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:35 PM
L31	19	(fuel near3 select\$4	(US-PGPUB; USPAT;	OR	OFF	OFF	2015/06/23

L32	321499	near3 switch) and (LPG near20 gasoline) (select\$4 near3 switch)	USOCR; FPRS; EPO; JPO; DERWENT) (US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	03:53 PM 2015/06/23 03:55 PM
L33	1395	(select\$4 near3 switch) same (enclosure)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:55 PM
L34	123	(switch) same (enclosure) same (first near3 valve) same (second near3 valve)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:56 PM
L35	0	(switch) same (genset) same (first near3 valve) same (second near3 valve)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:58 PM
L36	11	(genset) and ((switch) same (first near3 valve) same (second near3 valve))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:58 PM
L37	550	(slider near3 switch).ti.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 04:17 PM
L38	28	(slider near3 switch).ti.	(US-PGPUB; USPAT)	OR	OFF	OFF	2015/06/23 04:19 PM
L39	2	("7135651" "7223931").PN. OR ("7772508").URPN.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/06/23 04:20 PM
L40	209	200/241.ccls.	(US-PGPUB; USPAT)	OR	OFF	OFF	2015/06/23 04:23 PM
L41	45	200/241.ccls. and (groove or slot)	(US-PGPUB; USPAT)	OR	OFF	OFF	2015/06/23 04:23 PM
L42	151	290/1A.ccls. and (groove or slot)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 04:24 PM
L43	414	290/1A.ccls. and (switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 04:25 PM
L44	45	290/1A.ccls. and (select\$4 near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 04:25 PM
L45	16208	(select\$4 near3 switch).ti.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 04:30 PM
L46	42	(fuel near3 select\$4 near3 switch).ti.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 04:30 PM
L47	1	("2004/0240141").URP N.	(USPAT)	OR	OFF	OFF	2015/06/23 04:31 PM
L48	436	261/16.ccls.	(USPAT)	OR	OFF	OFF	2015/06/23 04:38 PM
L49	18	261/16.ccls. and switch	(USPAT)	OR	OFF	OFF	2015/06/23

L50	0	48/180R.ccls.	(USPAT)	OR	OFF	OFF	04:38 PM 2015/06/23 04:38 PM
L51	0	48/180C.ccls.	(USPAT)	OR	OFF	OFF	2015/06/23 04:38 PM
L52	0	48/180C.ccls.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 04:39 PM
L53	834	123/525.ccls.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 04:39 PM
L54	215	123/525.ccls. and (switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 04:39 PM
L55	76	123/525.ccls. and (switch) and (dual near3 fuel)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 04:39 PM
L56	15	("20130122439" "20130 098349" "20060169238 " "20040240141" "4489 699").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/29 02:24 PM
L57	2	(dual near3 fuel near3 engine) same (fuel near3 handle)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/12/17 06:15 PM
L58	3	(dual near3 fuel near3 engine) same (fuel near3 handle)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/12/17 06:16 PM
L59	16	(dual near3 fuel near3 engine) same (fuel near3 lever)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/12/17 06:17 PM
L60	5	(dual near3 fuel near3 engine) same (fuel near3 valve near3 (lever or switch or handle))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/12/17 06:23 PM
L61	6	(dual near3 fuel near3 (engine or generator)) same (fuel near3 valve near3 (lever or switch or handle))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/12/17 06:45 PM
L62	24	(dual near3 fuel near3 (engine or generator)) same (fuel near3 (valve or supply) near3 (lever or switch or handle))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/12/17 06:45 PM
L63	4939	(gas near3 station).ti.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/12/17 06:55 PM
L64	39	(gas near3 station).ti. and lever	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/12/17 06:55 PM
L65	292	(generator).ti. and	(US-PGPUB; USPAT;	OR	OFF	OFF	2015/12/17

L66	98	((dual or multiple) near3 (fuel))	USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	06:56 PM
L67	13	(generator).ti. and ((dual or multiple) near3 (fuel)) and (engine)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/12/17 06:56 PM
L69	39	"4489699"	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2017/12/28 08:09 PM
L70	14	F02D19/0613.cpc. and ((dual near3 fuel) same (switch))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2018/01/02 08:38 PM
L71	25	F02D19/0613.cpc. and ((dual near3 fuel) same (switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/01/02 08:38 PM
L72	72	F02D19/0647.cpc. and ((dual near3 fuel) same (switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/01/02 08:39 PM
L73	77	F02D19/0647.cpc. and ((dual near3 fuel) same (switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2018/01/02 08:39 PM
L74	11	F02D19/06.cpc. and ((dual near3 fuel) same (switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2018/01/02 08:40 PM
L75	32	F02M13/08.cpc. and ((dual near3 fuel) same (switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2018/01/02 08:41 PM
L76	9	(fuel near3 select\$4 near3 switch) same (valve near3 assembly)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01 09:24 PM
L77	0	(geneartor) same (fuel near3 switch) same (valve near3 assembly)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01 09:25 PM
L78	9	(generator) same (fuel near3 switch) same (valve near3 assembly)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01 09:25 PM
L79	6704	(generator) same (fuel near3 valve)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01 09:26 PM
L80	10	(generator) same (dual near2 fuel near3 valve)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01 09:26 PM
L81	13	(generator) same (dual near2 fuel near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01 09:27 PM
L82	13	(generator) same (dual near3 fuel near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01 09:28 PM
L83	19	(gaseous near3 fuel)	(US-PGPUB; USPAT;	OR	OFF	OFF	2018/08/01

L84	52	same (dual near3 fuel near3 switch) (gaseous near3 fuel) same (fuel near3 select\$4 near3 switch)	USOCR; FPRS; EPO; JPO; DERWENT) (US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	09:54 PM 2018/08/01 09:56 PM
L85	85	F02D19/0613.cpc. and (switch same valve)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01 10:03 PM
L86	31	F02D19/0613.cpc. and (switch same valve same (user or operator))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01 10:04 PM
L87	25	F02D19/081.cpc. and (switch same valve same (user or operator))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01 10:08 PM
L88	16	F02D19/0642.cpc. and (switch same valve same (user or operator))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01 10:10 PM
L89	39	"4489699"	(USPAT)	OR	OFF	OFF	2018/08/02 02:52 PM
L90	1	"20040240141"	(USPAT)	OR	OFF	OFF	2018/08/02 02:53 PM
L91	3	"20040240141"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/02 02:53 PM
L92	3	"20060169238"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/02 02:53 PM
L93	4	"20130098349"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/02 02:55 PM
L94	5	"20130122439"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/02 02:58 PM
L95	1	"20060169238"	(USPAT)	OR	OFF	OFF	2018/08/02 02:58 PM
L96	0	123/198E.ccls. and (dual near3 fuel)	(USPAT)	OR	OFF	OFF	2018/08/02 03:01 PM
L97	1	123/198E.ccls. and (dual near3 fuel)	(USPAT)	OR	OFF	OFF	2018/08/02 03:01 PM
L98	1	123/198E.ccls. and (dual near3 fuel)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/02 03:02 PM
L99	10	123/2.ccls. and (dual near3 fuel)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/02 04:27 PM
L100	0	60/39.463. and (dual near3 fuel)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/02 04:31 PM
L101	121	60/39.463.ccls. and	(US-PGPUB; USPAT;	OR	OFF	OFF	2018/08/02

		(dual near3 fuel)	USOCR; FPRS; EPO; JPO; DERWENT)				04:31 PM
L102	34	60/39.463.ccls. and ((dual near3 fuel) same (valve))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/02 04:32 PM
L103	50	"4489699"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/02 05:42 PM
L104	5	generator and (((dual or multiple or second\$4) near3 (fuel)) same (valve near2 handle) same (user or operator or manual or manually))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/16 11:09 PM
L105	16	generator and (((dual or multiple or second\$4) near3 (fuel)) same (valve near2 handle))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/16 11:10 PM
L106	20	generator and (((dual or multiple or second\$4) near3 (fuel)) same (valve near3 handle))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/16 11:10 PM
L107	540	generator and (((dual or multiple or second\$4) near3 (fuel)) same (valve) same (user or operator or manual or manually))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/16 11:12 PM
L108	124	generator and (((dual or multiple or second\$4) near3 (fuel)) same (valve) same (user or operator or manual or manually) same switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/16 11:13 PM
L109	4	("2681694").URPN.	(USPAT)	OR	OFF	OFF	2019/06/16 11:23 PM
L110	37	F02D19/0676.cpc. and ((valve) same (user or operator or manual or manually) same switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 05:17 PM
L111	19	F02D19/0681.cpc. and ((valve) same (user or operator or manual or manually) same switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 05:21 PM
L112	3	("2008/0022983").URP N.	(USPAT)	OR	OFF	OFF	2019/06/17 05:25 PM
L113	0	F02B2063/046.cpc. and ((valve) same (user or operator or manual or manually) same switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 05:29 PM
L114	23	F02B2063/046.cpc. and ((valve) same (user or operator or manual or	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 05:29 PM

L115	23	manually)) F02B2063/046.cpc. and ((valve) same (user or operator or manual or manually or mechanically or mechanical))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 05:54 PM
L116	33	F02B63/048.cpc. and ((valve) same (user or operator or manual or manually or mechanically or mechanical))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 05:54 PM
L117	1201	((((dual or multiple or second\$4 or bi) near3 (fuel)) same generator) and ((valve) same (user or operator or manual or manually or mechanically or mechanical))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:00 PM
L118	72	((((dual or multiple or second\$4 or bi) near3 (fuel)) same generator) and ((valve) same (user or operator or manual or manually or mechanically or mechanical) same handle)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:01 PM
L119	14	((((dual or multiple or second\$4 or bi) near3 (fuel)) same generator).ti. and ((valve) same (user or operator or manual or manually or mechanically or mechanical))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:05 PM
L120	5	((((dual or multiple or second\$4 or bi) near3 (fuel)) same generator).ti. and ((valve) same handle)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:12 PM
L121	139	((((dual or multiple or second\$4 or bi) near3 (fuel)) same generator) and ((valve) same handle)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:12 PM
L122	34	((((dual or multiple or second\$4 or bi) near3 (fuel)) same generator) and ((valve) near3 handle)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:12 PM
L123	555	generator and (((dual or	(US-PGPUB; USPAT;	OR	ON	ON	2019/06/17

L124	310	multiple or second\$4 or bi) near3 (fuel)) same (valve) same (user or operator or manual or manually))	USOCR; FPRS; EPO; JPO; DERWENT)				06:23 PM
		((((dual or multiple or second\$4 or bi) near3 (fuel)) same generator) and ((valve) near3 (switch or lever or selector))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:23 PM
L125	275	(generator same (case or casing or housing or enclosure)) and (((dual or multiple or second\$4 or bi) near3 (fuel))) and ((valve) same (fuel near3 (switch or lever or selector or handle)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:36 PM
L126	9	("2007/0137591").URP N.	(USPAT)	OR	OFF	OFF	2019/06/17 06:40 PM
L127	725165	(generator).ti. engine and (((dual or multiple or second\$4 or bi) near3 (fuel))) and ((valve) same (fuel near3 (switch or lever or selector or handle)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:48 PM
L128	23	(generator).ti. and engine and (((dual or multiple or second\$4 or bi) near3 (fuel))) and ((valve) same (fuel near3 (switch or lever or selector or handle)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:49 PM
L129	47	(generator).ti. and engine and (((dual or multiple or second\$4 or bi) near3 (fuel))) and ((fuel near3 (switch or lever or selector or handle)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:49 PM
L130	0	((((dual or multiple or second\$4 or bi) near3 (fuel) near3 gnerator)) and (second\$4 near3 (fuel near3 (switch or lever or selector or handle)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:56 PM
L131	18	((((dual or multiple or second\$4 or bi) near3 (fuel) near3 generator)) and (second\$4 near3 (fuel near3 (switch or lever or selector or	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:57 PM

L132	34	handle))) (((dual or multiple or second\$4 or bi) near3 (fuel) near3 generator)) and ((user or manual or manually or operator or mechanically) same (fuel near3 (switch or lever or selector or handle)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 07:00 PM
L133	393	(generator or genset) and (((dual or multiple or second\$4 or bi) near3 (fuel))) and ((user or manual or manually or operator or mechanically) same (fuel near3 (switch or lever or selector or handle)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 07:03 PM
L134	433	123/525.ccls.	(USPAT)	OR	OFF	OFF	2019/06/17 07:31 PM
L135	186	123/525.ccls. and (fuel same valve same (handle or switch or lever or selector))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2019/06/17 07:31 PM
L136	22	123/525.ccls. and (generator or genset) and (fuel same valve same (handle or switch or lever or selector))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2019/06/17 07:32 PM
L137	5	"20070137591"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2019/06/17 07:37 PM
L138	1	"20070137591"	(USPAT)	OR	OFF	OFF	2019/09/25 01:50 PM
L139	2	"20070137591"	(US-PGPUB; USPAT)	OR	OFF	OFF	2019/09/25 01:50 PM
L140	46	"4489699"	(US-PGPUB; USPAT)	OR	OFF	OFF	2019/09/25 01:50 PM
L141	63	("20020134362" "20040 139943" "20100258099 "20110168133" "2011 0253102" "2013004796 4" "20130220274" "201 40202430" "201402383 40" "20140373531" "20 150122230" "2722208" " 3384059" "3412258" "3 659574" "3718000" "37 83849" "3888223" "433 5697" "4372276" "4373 493" "4393848" "44508 21" "4463735" "448059	(US-PGPUB; USPAT)	OR	OFF	OFF	2019/12/19 08:00 PM

		5" "4502453" "4619240" "4628871" "4708094" "4895124" "4979480" "5092305" "5161496" "5171487" "5228423" "5287839" "5320078" "5325835" "5379740" "5419291" "5438968" "5450832" "5611312" "5673670" "5809979" "5816224" "6082323" "6213083" "6223730" "6276345" "6401685" "6453877" "6591817" "6914342" "7905469" "8342158" "8590510" "9435273" "20040240141" "20060169238" "20130098349" "20130122439" "4489699").PN					
L143	1	"10598101"	(USPAT)	OR	OFF	OFF	2021/02/23 08:07 AM
L144	1	"20070137591"	(USPAT)	OR	OFF	OFF	2021/03/08 07:48 PM
L145	2	"20070137591"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/03/08 07:48 PM
L146	5	"10598101"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/03/08 08:36 PM
L147	49	"4489699"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/03/08 09:16 PM
L148	0	carburettor near3 solenoid near3 switch	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/03/08 09:21 PM
L149	0	carburettor near3 solenoid near3 switch	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO)	OR	OFF	OFF	2021/03/08 09:22 PM
L150	43	carbur\$8 near3 solenoid near3 switch	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO)	OR	OFF	OFF	2021/03/08 09:22 PM
L151	38	engine and (carbur\$8 near3 solenoid near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO)	OR	OFF	OFF	2021/03/08 09:22 PM
L152	0	engine and geneartor and (carbur\$8 near3 solenoid near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO)	OR	OFF	OFF	2021/03/08 09:22 PM
L153	26	engine and generator and (carbur\$8 near3 solenoid near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO)	OR	OFF	OFF	2021/03/08 09:22 PM
L154	19	("20070137591" "2398437" "3911956" "4323046" "4375795" "4471805" "4492207" "4750514" "4788960" "5934320" "6543395" "6591817" "7591257" "7802562" "790	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/03/08 10:09 PM

L155	10	5469" "8042569" "8757 139" "8944027" "91756 01").PN. (generator) and (engine) and ((fuel near3 selector) same (second\$4 near3 (outlet or output)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 12:17 PM
L156	6020	(generator) and (engine) and ((dual enar3 fuel) same (second\$4 near3 (outlet or output)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 12:19 PM
L157	31	(generator) and (engine) and ((dual near3 fuel) same (second\$4 near3 (outlet or output)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 12:19 PM
L158	5	(generator) and (engine) and ((dual or second\$4) near3 fuel) and ((solenoid near3 switch) same (fuel adj solenoid))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 01:33 PM
L159	27	(generator) and (engine) and ((dual or second\$4) near3 fuel) and (fuel near3 solenoid near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 01:37 PM
L160	21	(generator) and (engine) and ((dual or second\$4) near3 fuel) and (fuel near3 (cut or cut-off) near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 02:08 PM
L161	958	(generator) and (engine) and ((dual or second\$4) near3 fuel) and (fuel near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 02:09 PM
L162	348	(generator) and (engine) and (((dual or second\$4) near3 fuel) same (fuel near3 switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 02:10 PM
L163	83	(engine) and (((dual or second\$4) near3 fuel) same (selector near3 switch) same (fuel near3 switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 02:13 PM
L164	1492	(engine) and (((dual or second\$4) near3 fuel) same (fuel near3 switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 02:41 PM
L165	0	gneerator and (engine) and (((dual or	(US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	ON	2021/06/15 02:41 PM

L166	348	second\$4) near3 fuel) same (fuel near3 switch)) generator and (engine) and (((dual or second\$4) near3 fuel) same (fuel near3 switch))	JPO; DERWENT) (US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 02:41 PM
L167	14	("2006/0065216").URP N.	(USPAT)	OR	OFF	OFF	2021/06/15 02:59 PM
L168	100	engine and ((fuel near3 selector) same (fuel near3 switch))	(USPAT)	OR	OFF	OFF	2021/06/15 05:11 PM
L169	2	engine and ((fuel near3 selector) same (kill near3 switch))	(USPAT)	OR	OFF	OFF	2021/06/15 05:11 PM
L170	4	engine and ((fuel near3 selector) same (kill near3 switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2021/06/15 05:11 PM
L171	0	engine and ((dual near3 duel) same (kill near3 switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2021/06/15 05:12 PM
L172	0	engine and ((dual near3 fuel) same (kill near3 switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2021/06/15 05:12 PM
L173	5	engine and ((dual near3 fuel) same ((cut or cut-off) near3 switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2021/06/15 05:12 PM
L174	7	("20070215223" "42879 08" "4364370" "441624 4" "5555873" "7954479" "9523497").PN.	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/06/15 05:17 PM
L175	10	"4306579"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/06/15 05:27 PM
L176	8655	generator and (solenoid near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 04:52 PM
L177	1022	generator and ((solenoid near3 switch) near5 (closed))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 04:53 PM
L178	238	generator and ((solenoid near3 switch) near5 (closed) near5 open)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 04:53 PM
L179	9	generator and ((solenoid near3 switch) near5 (closed) near5 (fuel))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 04:54 PM
L180	2	generator and ((solenoid near3 switch) same (fuel near3 mode))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 05:09 PM

L181	721	generator and ((solenoid near3 switch) same (fuel))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 05:09 PM
L182	132	generator and ((solenoid near3 switch) same (fuel near3 solenoid))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 05:10 PM
L183	58	generator and ((solenoid near3 switch) same (fuel near3 solenoid) same closed)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 05:23 PM
L184	2	engine and ((solenoid near3 switch) same (fuel near3 solenoid) same closed same (first near3 mode))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 05:27 PM
L185	2	engine and (((fuel near3 solenoid near3 switch) near5 closed) same (first near3 mode))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 05:28 PM
L186	2	engine and (((fuel near3 solenoid near3 switch) near5 closed) same (selector near3 switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 05:29 PM
L187	2	engine and (((fuel near3 solenoid near3 switch) near5 closed) same (mode))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 05:29 PM
L188	24	engine and (((fuel near3 solenoid near3 switch) near5 closed))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 05:29 PM
L189	9	engine and (((solenoid near3 switch) near5 closed) same (fuel near3 solenoid) same (operator or manual))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 06:16 PM
L190	9	engine and (((solenoid near3 switch) near5 closed) same (fuel near3 solenoid) same (operator or manual or user))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 06:16 PM
L191	9	engine and (((solenoid near3 switch) near5 closed) same (fuel near3 solenoid) same (operator or manual or user))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 06:23 PM
L192	147	(engine or generator) and ((solenoid near3 switch) same ((second\$4 or dual) near3 fuel))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 06:26 PM
L193	23	(engine or generator)	(US-PGPUB; USPAT;	OR	ON	ON	2021/06/17

L194	26	and ((solenoid adj switch) same ((second\$4 or dual) near3 fuel)) (engine or generator) and ((fuel near3 solenoid near3 switch) same ((second\$4 or dual) near3 fuel))	USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	06:27 PM
L195	0	((fuel near3 solenoid near3 switch) same operator same ((second\$4 or dual) near3 fuel))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 06:33 PM
L196	0	((fuel near3 solenoid near3 switch) same user same ((second\$4 or dual) near3 fuel))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 06:36 PM
L197	48	(engine or generator) and ((fuel near3 (cut\$4 or cut-off or stop) near3 switch) same ((second\$4 or dual) near3 fuel))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 06:37 PM
L198	612	generator and ((fuel near3 solenoid) same (switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/12/14 02:44 PM
L199	164	generator and ((fuel near3 solenoid) near5 (switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/12/14 02:44 PM
L200	31	generator and ((fuel adj solenoid) near5 (switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/12/14 02:44 PM
L201	32	(generator) and (engine) and ((dual or second\$4) near3 fuel) and ((fuel near3 solenoid near3 switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2022/02/04 04:19 PM
L202	57	dyson and (hair near3 dryer)	(USPAT)	OR	ON	ON	2022/02/04 04:22 PM
L203	3	(11306667;10598101;9435273).pn.	(USPAT)	OR	ON	ON	2022/09/09 03:58 PM
L204	34	(dual near3 fuel) AND (solenoid near3 switch) SAME (solenoid) SAME off	(US-PGPUB; USPAT)	OR	ON	ON	2023/01/20 05:23 PM
L205	87	(dual near3 fuel) AND ((solenoid near3 switch) SAME (solenoid) SAME off)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV,	OR	ON	ON	2023/01/20 05:23 PM

L206	18	(dual near3 fuel) AND ((solenoid ADJ switch) SAME (solenoid) SAME off)	MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT) (US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2023/01/20 05:25 PM
L207	45	(dual near3 fuel) AND ((fuel near3 solenoid near3 switch))	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2023/01/20 05:38 PM
L208	38	(dual near3 fuel) AND ((fuel near3 solenoid near3 switch))	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT)	OR	OFF	ON	2023/01/20 05:38 PM
L209	4	(9435273; 10598101; 11306667; "11761390").pn.	(US-PGPUB; USPAT)	OR	ON	ON	2023/11/29 05:29 PM
L210	4	("9435273,"	(US-PGPUB; USPAT)	OR	ON	ON	2023/11/29

L211	4	"10598101," "11306667," "11761390").pn. (9435273 10598101 11306667 "11761390").pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	05:29 PM 2023/11/29 05:30 PM
L212	9	"10598101"	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/05 04:03 PM
L213	3	"11761390"	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/05 04:07 PM
L214	0	(14069747 15015205).a pp.	(US-PGPUB; USPAT)	OR	ON	ON	2024/06/24 11:31 AM
L215	0	(14069747 15015205).a pp.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO)	OR	ON	ON	2024/06/24 11:31 AM
L216	0	(14069747;15015205).a pp.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO)	OR	ON	ON	2024/06/24 11:31 AM
L217	0	(14069747;15015205).a pp.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA,	OR	ON	ON	2024/06/24 11:31 AM

L218	0	("14069747,15015205").app.	VN); FPRS; EPO; JPO) (US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO)	OR	ON	ON	2024/06/24 11:31 AM
L219	0	("14/069747 15/015205").app.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO)	OR	ON	ON	2024/06/24 11:31 AM
L220	0	(14069747 "15015205").app.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO)	OR	ON	ON	2024/06/24 11:32 AM
L221	0	(14069747 "15015205").ap.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO,	OR	ON	ON	2024/06/24 11:32 AM

L222	9	Y10T137/0318.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND ((fuel near3 solenoid near3 switch))	MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:36 PM
L223	11	Y10T137/0318.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND (fuel near3 solenoid)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:36 PM
L224	104	Y10T137/0318.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:36 PM
L225	74	Y10T137/0318.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:36 PM
L226	12	Y10T137/0318.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND carburetor	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:36 PM
L227	12	Y10T137/0491.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND carburetor	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:36 PM
L228	12	Y10T137/87684.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND carburetor	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:37 PM
L229	65	Y10T137/0318.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid AND switch	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:37 PM
L230	12	Y10T137/0318.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid AND switch AND selector	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:37 PM

L231	65	Y10T137/0318.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid AND switch	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:37 PM
L232	12	Y10T137/0491.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid AND switch	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:37 PM
L233	12	Y10T137/87684.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid AND switch	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:37 PM
L234	293	Y02T10/30.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid AND switch	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:37 PM
L235	0	Y02T10/30.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid AND switch AND selct\$4	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:37 PM
L236	240	Y02T10/30.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid AND switch AND select\$4	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:38 PM
L237	9	("20040094116" OR "20100330518" OR "20110011369" OR "20110100335" OR "20120193558" OR "4574763" OR "5301644" OR "8465277" OR "9702480").pn.	(US-PGPUB; USPAT)	OR	ON	ON	2024/11/12 01:35 PM
L238	18	"4492207"	(US-PGPUB; USPAT)	OR	ON	ON	2024/11/15 03:28 PM
L239	23	("1931698" OR "20040094116" OR "20060236976" OR "20110140290" OR "20130168969" OR "20190323424" OR "2672189" OR "2861591" OR	(US-PGPUB; USPAT)	OR	ON	ON	2025/04/05 04:24 PM

		"3250264" OR "3807377" OR "3982516" OR "4347195" OR "4353345" OR "4354477" OR "4370969" OR "4574763" OR "5301644" OR "6640770" OR "6886508" OR "7261280" OR "7404546" OR "8082947" OR "8408183").pn.					
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PE2E SEARCH - Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
N68	0	(dual near3 fuel near3 (engine or generator)) same (fuel near3 (valve or supply) near3 (lever or switch or handle)).clm.	(USPAT)	OR	OFF	OFF	2016/04/21 07:37 PM
N142	2	(dual near3 fuel near3 (engine or generator)) same (fuel near3 (valve or supply) near3 (lever or switch or handle)).clm.	(USPAT)	OR	ON	ON	2019/12/19 07:59 PM
N203	3	(dual near3 fuel near3 (engine or generator)) same (fuel near3 (valve or supply) near3 (lever or switch or handle)).clm.	(USPAT)	OR	ON	ON	2022/02/04 04:20 PM
N204	57	dyson and (hair near3 dryer)	(USPAT)	OR	ON	ON	2022/02/04 04:22 PM
N205	12	((((dual near3 fuel near3 (engine OR generator)) AND fuel AND (solenoid) AND switch)).clm.	(USPAT)	OR	OFF	OFF	2023/07/27 04:34 PM
N206	15	(engine AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid AND switch AND select\$4).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2024/06/28 07:39 PM

Bibliographic Data

Application No: 18/443,530

Foreign Priority claimed: ☐ Yes ☒ No

35 USC 119 (a-d) conditions met: ☐ Yes ☒ No ☐ Met After Allowance

Verified and Acknowledged:

Examiner's Signature Initials

Title:

FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
02/16/2024	137	3747	CET1090.124
RULE			

APPLICANTS

Champion Power Equipment, Inc., Santa Fe Springs, CA, UNITED STATES

INVENTORS

Mark J. Sarder, Waukesha, WI, UNITED STATES

Leigh Jenison, Hartland, WI, UNITED STATES

Ian Schmit, Cedarburg, WI, UNITED STATES

CONTINUING DATA

This application is a CON of 18330807 06/07/2023 PAT 11905896

18330807 is a CON of 17651245 02/16/2022 PAT 11761390

17651245 is a CON of 16789722 02/13/2020 PAT 11306667

16789722 is a CON of 15015205 02/04/2016 PAT 10598101

15015205 is a CON of 14069747 11/01/2013 PAT 9435273

FOREIGN APPLICATIONS

IF REQUIRED, FOREIGN LICENSE GRANTED**

02/29/2024

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UNITED STATES

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Doc code: RCEX

Doc description: Request for Continued Examination (RCE)

PTO/SB/30EFS (01-22)

Approved for use through 05/31/2024. OMB 0651-0031
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REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL (Submitted Only via EFS-Web)							
Application Number	18443530	Filing Date	2024-02-16	Docket Number (if applicable)	CET1090.124	Art Unit	3747
First Named Inventor	Mark J. Sarder			Examiner Name	Syed O Hasan		
This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application. Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. The Instruction Sheet for this form is located at WWW.USPTO.GOV							
SUBMISSION REQUIRED UNDER 37 CFR 1.114							
Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).							
☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked. ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____ ☐ Other _____							
☒ Enclosed ☐ Amendment/Reply ☒ Information Disclosure Statement (IDS) ☐ Affidavit(s)/ Declaration(s) ☐ Other _____							
MISCELLANEOUS							
☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of months _____. (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)							
☐ Other _____							
FEES							
☐ The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed. The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to Deposit Account No _____							
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED							
☒ Patent Practitioner Signature ☐ Applicant Signature							

Signature of Registered U.S. Patent Practitioner			
Signature	/Jacob M. Fritz/	Date (YYYY-MM-DD)	2025-02-25
Name	Jacob M. Fritz	Registration Number	71459

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.



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ELECTRONIC PAYMENT RECEIPT

APPLICATION # 18/443,530	RECEIPT DATE / TIME 02/25/2025 04:44:45 PM Z ET	ATTORNEY DOCKET # CET1090.124
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Title of Invention

DUAL FUEL SELECTOR SWITCH

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	-
CONFIRMATION #	3492	FILED BY	Robyn Templin
PATENT CENTER #	69331087	AUTHORIZED BY	Jacob Fritz
CUSTOMER #	26629	FILING DATE	02/16/2024
CORRESPONDENCE ADDRESS	-	FIRST NAMED INVENTOR	Mark J. Sarder

Payment Information

PAYMENT METHOD CARD / 4529	PAYMENT TRANSACTION ID E20252OG46316201	PAYMENT AUTHORIZED BY Robyn Templin
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FEE CODE	DESCRIPTION	ITEM PRICE(\$)	QUANTITY	ITEM TOTAL(\$)
2832	FILING AN INFORMATION DISCLOSURE STATEMENT THAT CAUSES THE CUMULATIVE NUMBER OF APPLICANT-PROVIDED ITEMS OF INFORMATION TO EXCEED 50 BUT NOT EXCEED 100	200.00	1	200.00
2820	REQUEST FOR CONTINUED EXAMINATION (RCE)- 2ND AND SUBSEQUENT REQUEST (SEE 37 CFR 1.114)	1144.00	1	1144.00
TOTAL AMOUNT:				\$1,344.00

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as

described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number	18443530
	Filing Date	2024-02-16
	First Named Inventor	Mark J. Sarder
	Art Unit	3747
	Examiner Name	Syed O Hasan
	Attorney Docket Number	CET1090.124

U.S. PATENTS Remove						
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Inventor of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	1931698		1933-10-24	Holzapfel	
	2	2672189		1954-03-16	Welch	
	3	2861591		1958-11-25	Hertel	
	4	3250264		1966-05-10	Bartholomew	
	5	3807377		1974-04-30	Hirschler, Jr. et al.	
	6	3982516		1976-09-28	Abernathy	
	7	4347195		1982-08-31	Ogawa	
	8	4353345		1982-10-12	Ebihara	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number		18443530	
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	First Named Inventor	Mark J. Sarder		
	Art Unit	3747		
	Examiner Name	Syed O Hasan		
	Attorney Docket Number	CET1090.124		

	9	4354477		1982-10-19	Sprick	
	10	4370969		1983-02-01	Zarrelli et al.	
	11	4574763		1986-03-11	Hallberg	
	12	5301644		1994-04-12	Olmr	
	13	6640770	B2	2003-11-04	Woody	
	14	6886508	B1	2005-05-03	Luffy	
	15	7261280	B2	2007-08-28	Takano et al.	
	16	7404546	B2	2008-07-29	Prager et al.	
	17	8082947	B2	2011-12-27	Chang et al.	
	18	8408183	B2	2013-04-02	Johnson	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number	18443530
	Filing Date	2024-02-16
	First Named Inventor	Mark J. Sarder
	Art Unit	3747
	Examiner Name	Syed O Hasan
	Attorney Docket Number	CET1090.124

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Inventor or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	20040094116	A1	2004-05-20	Nishida et al.	
	2	20060236976	A1	2006-10-26	Carlson	
	3	20110140290	A1	2011-06-16	Kumagai et al.	
	4	20130168969	A1	2013-07-04	Markoski	
	5	20190323424	A1	2019-10-24	Markoski et al.	

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Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1	200952429	CN	Y	2007-09-26	Chongqing Chongke Engine Techn		☐
	2	1745201	EP	B1	2010-06-30	David Lange		☐
	3	2480355	FR	A1	1981-10-16	Yamaha Motor Co Ltd		☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number		18443530	
	Filing Date		2024-02-16	
	First Named Inventor	Mark J. Sarder		
	Art Unit	3747		
	Examiner Name	Syed O Hasan		
	Attorney Docket Number	CET1090.124		

	4	2485761	GB	A	2012-05-30	Tacoma Properties LLC		☐
	5	2015048776	JP	A	2015-03-16	Keihin Corporation		☐
	6	H07103006	JP	A	1995-04-18	Kubota Corporation		☐
	7	H11190220	JP	A	1999-07-13	Suzuki Motor Corporation		☐

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NON-PATENT LITERATURE DOCUMENTS

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Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1	"ST-GP7500DEB Owner's Manual," Smarter Tools, Inc., 39 pages, 2012, retrieved from the Internet < https://images.thdstatic.com/catalog/pdfimages/a1/a1fe0e60-a3bc-4e7e-b102-f3f1dff386b2.pdf > on February 24, 2025	☐
	2	"Owner's Manual & Operating Instructions Model Number 41135," Champion Power Equipment, Inc., 29 pages, 2011, retrieved from the Internet < https://apelectric.com/content/PDF/Champion/41135%20Owners%20Manual.pdf > on February 24, 2025	☐
	3	"Owner's Manual GX120-GX160," Honda Motor Co., Ltd., 39 pages, 1990, retrieved from the Internet < https://cdn.powerequipment.honda.com/engines/pdf/manuals/31ZH7600.pdf > on February 24, 2025	☐
	4	"GX120K1 Parts Catalogue 9," Honda Motor Co., Ltd., 216 pages, 2008, retrieved from the Internet < https://www.lsengineers.co.uk/media/advice_centre/Honda/GX120/gx120-parts-diagram.pdf > on February 25, 2025	☐
	5	"Dual Fuel Hybrid Elite XP4400EH Owners Manual," DuroMax Power Equipment, Inc., 36 pages, August 26, 2013, retrieved from the Internet < https://www.absolutegenerators.com/media/blfa_files/XP4400EH_RV42613_.pdf > on February 24, 2025	☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number	18443530
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	Examiner Name	Syed O Hasan
	Attorney Docket Number	CET1090.124

6	"Gasoline Powered Generator Owner's Manual," MaxTool LLC, 28 pages, August 13, 2010, retrieved from the Internet < https://device.report/m/8c72e11c948bf71c71aecbc7f79111dbd6f00e5d44d07b8fada3655ff539d759.pdf > on February 25, 2025	☐
7	Screen captures from YouTube video titled "DuroStar DS4000Sr," 9 pages, uploaded August 27, 2013 by user DurostarGeneratorsTV, retrieved from the Internet < https://www.youtube.com/watch?v=HFYYaNVChJc > on February 25, 2025	☐
8	Screen captures from YouTube video titled "Sportsman Dual Fuel (Natural Gas/Propane Gas) Generator," 5 pages, uploaded December 12, 2012 by user Eric Smith, retrieved from the Internet < https://www.youtube.com/watch?v=K6iMO6R9iMM > on February 25, 2025	☐

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Examiner Signature		Date Considered	
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¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

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	First Named Inventor	Mark J. Sarder
	Art Unit	3747
	Examiner Name	Syed O Hasan
	Attorney Docket Number	CET1090.124

TIMING STATEMENT

Please see 37 CFR 1.97(e) to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

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☐ See attached timing statement under 37 CFR 1.97(e).

☐ A timing statement under 37 CFR 1.97(e) is not submitted herewith.

TIMING FEE

☐ The fee set forth in 37 CFR 1.17(p) has been submitted herewith.

COPIES

☐ An identification of an earlier application pursuant to 37 CFR 1.98(d)(1) is attached.

SIZE FEE ASSERTION

Please see 37 CFR 1.17(v) and the [IDS Auto-Load instructions](#) for completing this form to make the appropriate selection of an assertion under 37 CFR 1.98. For the information disclosure statement (IDS) submitted herewith, the applicant or patent owner certifies the following with respect to the cumulative number of applicant-provided or patent-owner provided items of information submitted to date including those in the accompanying IDS (select only one):

☐ No IDS size fee is required under 37 CFR 1.17(v) at this time.

☒ The IDS is accompanied by the IDS size fee under 37 CFR 1.17(v)(1).

☐ The IDS is accompanied by the IDS size fee under 37 CFR 1.17(v)(2).

☐ The IDS is accompanied by the IDS size fee under 37 CFR 1.17(v)(3).

SIGNATURE

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature.

Signature	/Jacob M. Fritz/	Date (YYYY-MM-DD)	2025-02-25
Name/Print	Jacob M. Fritz	Registration Number	71459

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number	18443530
	Filing Date	2024-02-16
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3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
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6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
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APPLICATION #
18/443,530

RECEIPT DATE / TIME
02/25/2025 04:44:45 PM Z ET

ATTORNEY DOCKET #
CET1090.124

Title of Invention

DUAL FUEL SELECTOR SWITCH

Application Information

APPLICATION TYPE Utility - Nonprovisional Application
under 35 USC 111(a)

PATENT # -

CONFIRMATION # 3492

FILED BY Robyn Templin

PATENT CENTER # 69331087

FILING DATE 02/16/2024

CUSTOMER # 26629

FIRST NAMED INVENTOR Mark J. Sarder

CORRESPONDENCE ADDRESS -

AUTHORIZED BY Jacob Fritz

Documents

TOTAL DOCUMENTS: 17

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
2025.02.25 RCE Transmittal.pdf	3	Request for Continued Examination (RCE)	1640 KB
2025.02.25 IDS.pdf	8	Information Disclosure Statement (IDS) Form (SB08)	1316 KB
FPD1-CN200952429Y.pdf	16	Foreign Reference	11337 KB
FPD2-EP1745201B1.pdf	20	Foreign Reference	1455 KB
FPD3-FR2480355A1.pdf	17	Foreign Reference	1093 KB
FPD4-GB2485761A.pdf	56	Foreign Reference	3563 KB
FPD5-JP2015048776A.pdf	17	Foreign Reference	14735 KB
FPD6-JPH07103006A.pdf	11	Foreign Reference	8597 KB
FPD7-JPH11190220A.pdf	14	Foreign Reference	3991 KB

NPL1-2012 Smarter Tools Manual ST-GP7500DEB.pdf	39	Non Patent Literature	7970 KB
NPL2-2011 Champion 41135 Owners Manual.pdf	29	Non Patent Literature	4087 KB
NPL3-1990 Honda Owners Manual GX120-GX160.pdf	39	Non Patent Literature	16144 KB
NPL4-2008 Honda GX120K1 Parts Catalogue 9.pdf	216	Non Patent Literature	18789 KB
NPL5-2013.08.26 DuroMax XP4400EH Owners Manual.pdf	36	Non Patent Literature	11308 KB
NPL6-2010.08.13 DuroStar DS4000S Owners Manual.pdf	28	Non Patent Literature	24763 KB
NPL7-2013.08.27 DuroStar DS4000S YouTube Screenshots.pdf	9	Non Patent Literature	6556 KB
NPL8-2012.12.12 Sportsman Generator YouTube Screenshots.pdf	5	Non Patent Literature	2692 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
2025.02.25 RCE Transmittal.pdf	F2E5463DC21F4639BB735F78EF2144BE68CCEB2A43280624656632FDD2B43CDF3A3AB9F503C5F0BA9FF9A6D64BE74A40ECF744638BE0BD7CA73A7834A561B580
2025.02.25 IDS.pdf	75DA7FD0C4831BF2E7B6C9A258533F60550997A889D6241AA4369E1A0CFD19C6755B58DD4D9794E8A005F647841634CD89779855300EC483191265C544AC6BF
FPD1-CN200952429Y.pdf	34D08F6A6EE2DC9C6DBC067FE92DB00EA48C215988BB2B8D0F1576F7D6EA022A34107B28E80746DC1D1F005B485E6FB226F0078E240DFBDD818DC6DC869B180D
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FPD3-FR2480355A1.pdf	24B32DE769DB26D22A2E4A406D0670CC5892BF63B371EB9090F1099FA69DCAC6F51F1982966CCBDC7C6354168B39ECA0B25FF6218C143FF91779D9A0BC3747DA

FPD4-GB2485761A.pdf	77B453B3DE51C502470F4523BE7A16B2127165A2B213F8F747 79A209CE16903C303177AF0780D643CA9901B7312AA377BD2 E840C7527A0078A90B3E41D887BFE
FPD5-JP2015048776A.pdf	777EC4D7BE9713053A0FB6426B56E41135C079D4BFF303CD8 28B6925163AB290913AEC3B7B918C1E4C4E6A52312BB613D2 2F41237E48064AA5D85C8856A9F713
FPD6-JPH07103006A.pdf	2B216D72AC8D175204FDA4B4D92BFD9FA1D6848DFD59DAA FA24CDC0481AFCD34B39FB1A16221BEC41C677128B47229D C09F5F731257954836389807D3D73BF08
FPD7-JPH11190220A.pdf	829CB9893ABE4643D89B6BD92803DBA8EB52C6767381C9DD 0F01F6CF2C2F2239C8C1DF8CAE01B87E2A89FEF905C315D6 AE52CB7CA583FE436FAF09DF9FF9D405
NPL1-2012 Smarter Tools Manual ST-GP7500DEB.pdf	F14CDB1495ED9B41F755B4EA01537D1A50F353A14F1F4D6FE 0A719C2D4E9D2F1CA62E627457A3A825EF452D90374A645B6 33DB47E67FAEBFD7FEF1DD73581113
NPL2-2011 Champion 41135 Owners Manual.pdf	B03A961A9D66DF84382708D95E430B7F5020561C1501E7C8F3 F2D5A68125FE0D1FEE1EFC03966F269201235F00B80C594A8 9CCCD900AAF867D9FC9E1B980F824
NPL3-1990 Honda Owners Manual GX120-GX160.pdf	37EA4D18695DC72DBACDCC82A9957921134873C9ED9238DD 17A0A525D7BC3C319A1CE11AD9FC5B829336B6EF98A7AD79 2D8255DF025E2EF028618DA005BEC2F3
NPL4-2008 Honda GX120K1 Parts Catalogue 9.pdf	ECEB8756FD8FC74140F3EAA89536C95478F66D8C2C94EB53 54C174C5F14CE46420BEEAE3B58286A721A2DAAA81D8DE03 F3EC320927077BCEB3866129AA41821A
NPL5-2013.08.26 DuroMax XP4400EH Owners Manual.pdf	B49DEFD58C443F520F5743199A3E87E37A23C35A40CB5A324 FF2C714B4FFC942FDBE8AB5EF505FE3628D5FB93B1A6DF0F 58415D114072CCF7685E85006DDC201
NPL6-2010.08.13 DuroStar DS4000S Owners Manual.pdf	DAEED6A5088A6062DAC3C058FDC2F91D582811E7FF5E4DB3 F5BEFDA4EF99A768FE5C68A56AB9A554DBCB8047BF670AF3 604E18F37D13A973E72527691AD531EC
NPL7-2013.08.27 DuroStar DS4000S YouTube Screenshots.pdf	AF1F239BA552453A6868240B71FC8704649FE8E8EB35E2D9D A5BD526F751E7E076DC6FD0539DBDB7BE2A41088802FF8A1 2401236D85E25C09AE4F421FEA38CB1
NPL8-2012.12.12 Sportsman Generator YouTube Screenshots.pdf	C410257EDAA965D63CBA7A270C87BE7E011B40FC843CF66B 0D9720EAF2DBAFD69A836BD0447C318A4D0AD52BD82D5D43 18D5DCAC76C75ABCAA3EC5D34C15BA52

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for filing date (see 37 CFR 1.53(b)-(d))

and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.



UNITED STATES PATENT AND TRADEMARK OFFICE

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NOTICE OF ALLOWANCE AND FEE(S) DUE

26629 7590 11/26/2024
ZIOLKOWSKI PATENT SOLUTIONS GROUP, SC (ZPS)
136 S WISCONSIN ST
PORT WASHINGTON, WI 53074

EXAMINER

HASAN, SYED O

ART UNIT

PAPER NUMBER

3747

DATE MAILED: 11/26/2024

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/443,530	02/16/2024	Mark J. Sarder	CET1090.124	3492

TITLE OF INVENTION: DUAL FUEL SELECTOR SWITCH

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$480	\$0.00	\$0.00	\$480	02/26/2025

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 40% the amount of undiscounted fees, and micro entity fees are 20% the amount of undiscounted fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Maintenance fees are due in utility patents issuing on applications filed on or after Dec. 12, 1980. It is patentee's responsibility to ensure timely payment of maintenance fees when due. More information is available at www.uspto.gov/PatentMaintenanceFees.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), by mail or fax, or via the USPTO patent electronic filing system.

By mail, send to: Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

By fax, send to: (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications. **Because electronic patent issuance may occur shortly after issue fee payment, any desired continuing application should preferably be filed prior to payment of this issue fee in order not to jeopardize copendency.**

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

26629 7590 11/26/2024
ZIOLKOWSKI PATENT SOLUTIONS GROUP, SC (ZPS)
136 S WISCONSIN ST
PORT WASHINGTON, WI 53074

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being transmitted to the USPTO via the USPTO patent electronic filing system or by facsimile to (571) 273-2885, on the date below.

(Typed or printed name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/443,530	02/16/2024	Mark J. Sarder	CET1090.124	3492

TITLE OF INVENTION: DUAL FUEL SELECTOR SWITCH

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$480	\$0.00	\$0.00	\$480	02/26/2025

EXAMINER	ART UNIT	CLASS-SUBCLASS
HASAN, SYED O	3747	137-637000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/AIA/122 or PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/AIA/47 or PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,

1 _____

(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. Fees submitted: ☐ Issue Fee ☐ Publication Fee (if required)

4b. Method of Payment: (Please first reapply any previously paid fee shown above)

☐ Electronic Payment via the USPTO patent electronic filing system ☐ Enclosed check ☐ Non-electronic payment by credit card (Attach form PTO-2038)

☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. _____

5. Change in Entity Status (from status indicated above)

☐ Applicant certifying micro entity status. See 37 CFR 1.29

☐ Applicant asserting small entity status. See 37 CFR 1.27

☐ Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/443,530	02/16/2024	Mark J. Sarder	CET1090.124	3492
26629	7590	11/26/2024	EXAMINER	
ZIOLKOWSKI PATENT SOLUTIONS GROUP, SC (ZPS)			HASAN, SYED O	
136 S WISCONSIN ST			ART UNIT	PAPER NUMBER
PORT WASHINGTON, WI 53074			3747	
DATE MAILED: 11/26/2024				

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. The United States Patent and Trademark Office (USPTO) collects the information in this record under authority of 35 U.S.C. 2. The USPTO's system of records is used to manage all applicant and owner information including name, citizenship, residence, post office address, and other information with respect to inventors and their legal representatives pertaining to the applicant's/owner's activities in connection with the invention for which a patent is sought or has been granted. The applicable Privacy Act System of Records Notice for the information collected in this form is COMMERCE/PAT-TM-7 Patent Application Files, available in the Federal Register at 78 FR 19243 (March 29, 2013).

<https://www.govinfo.gov/content/pkg/FR-2013-03-29/pdf/2013-07341.pdf>

Routine uses of the information in this record may include disclosure to:

- 1) law enforcement, in the event that the system of records indicates a violation or potential violation of law;
- 2) a federal, state, local, or international agency, in response to its request;
- 3) a contractor of the USPTO having need for the information in order to perform a contract;
- 4) the Department of Justice for determination of whether the Freedom of Information Act (FOIA) requires disclosure of the record;
- 5) a Member of Congress submitting a request involving an individual to whom the record pertains, when the individual has requested the Member's assistance with respect to the subject matter of the record;
- 6) a court, magistrate, or administrative tribunal, in the course of presenting evidence, including disclosures to opposing counsel in the course of settlement negotiations;
- 7) the Administrator, General Services Administration (GSA), or their designee, during an inspection of records conducted by GSA under authority of 44 U.S.C. 2904 and 2906, in accordance with the GSA regulations and any other relevant (i.e., GSA or Commerce) directive, where such disclosure shall not be used to make determinations about individuals;
- 8) another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c));
- 9) the Office of Personnel Management (OPM) for personnel research purposes; and
- 10) the Office of Management and Budget (OMB) for legislative coordination and clearance.

If you do not furnish the information requested on this form, the USPTO may not be able to process and/or examine your submission, which may result in termination of proceedings, abandonment of the application, and/or expiration of the patent.

Notice of Allowability	Application No. 18/443,530	Applicant(s) Sarder et al.	
	Examiner SYED O HASAN	Art Unit 3747	AIA (FITF) Status Yes

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10/31/2024.
☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

3. ☒ The allowed claim(s) is/are 1-20 . As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a) ☐ All b) ☐ Some* c) ☐ None of the:

1. ☐ Certified copies of the priority documents have been received.

2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____ .

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)	5. ☒ Examiner's Amendment/Comment
2. ☒ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____.	6. ☒ Examiner's Statement of Reasons for Allowance
3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material _____.	7. ☐ Other _____.
4. ☒ Interview Summary (PTO-413), Paper No./Mail Date. <u>11/15/2024</u> .	

/SYED O HASAN/ Primary Examiner, Art Unit 3747	
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DETAILED ACTION

Notice of Pre-AIA or AIA Status

1. The present application, filed on or after March 16, 2013, is being examined under the first inventor to file provisions of the AIA.

Terminal Disclaimer

2. The terminal disclaimer filed on 6/28/2024 disclaiming the terminal portion of any patent granted on this application which would extend beyond the expiration date of **Patent Numbers 9435273, 10598101, 11306667, 11761390** has been reviewed and is accepted. The terminal disclaimer has been recorded.

EXAMINER'S AMENDMENT

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in an interview with Jacob Fritz on 6/28/2024.

The application has been amended as follows:

1. (Currently Amended) A fuel selector for use with a dual fuel generator, the fuel selector comprising: a valve assembly fluidly couplable to each of a first fuel source and a second fuel source and operable to selectively control a first fuel flow and a second

fuel flow from the first fuel source and the second fuel source, respectively, to an engine of the dual fuel generator, the valve assembly comprising: a first fuel valve comprising open and closed positions to selectively control the first fuel flow to the engine; and a second fuel valve comprising open and closed positions to selectively control the second fuel flow to the engine; a carburetor solenoid switch configured to activate an associated carburetor solenoid when actuated; and a selector switch movable between a first position and a second position to allow a user to manually select the first fuel flow in the first position or the second fuel flow in the second position, the selector switch configured to actuate the carburetor solenoid switch when in the first position to activate the carburetor solenoid and prohibit the second fuel flow to the engine.

2. (Currently Amended) The fuel selector of claim 1 wherein: ~~the two fuel outputs are configured to selectively supply fuel to the engine from only one of the first and second fuel sources responsive to selection of the first fuel flow or the second fuel flow via the selector switch and a corresponding operation of the valve assembly.~~ the first fuel valve comprises: an input fluidly couplable to the first fuel source; and an output fluidly coupled to the engine to supply the first fuel flow to the engine when the first fuel valve is in the open position; and the second fuel valve comprises: an input fluidly couplable to the second source; and an output fluidly coupled to the engine to supply the second fuel flow to the engine when the second fuel valve is in the open position.

3. (Currently Amended) The fuel selector of claim 1 wherein the ~~valve assembly~~

~~comprises: selector switch is configured to prevent the first fuel valve and the second fuel valve from being in the open position at the same time. a first fuel valve having open and closed positions to selectively control the first fuel flow to the engine; and a second fuel valve having open and closed positions to selectively control the second fuel flow to the engine.~~

4. (Currently Amended) The fuel selector of claim ~~[[3]]~~ 1 further comprising:
a first valve handle coupled to the first fuel valve and actuatable between an ON position and an OFF position to selectively actuate the first fuel valve between the open position and the closed position, respectively; and a second valve handle coupled to the second fuel valve and actuatable between an ON position and an OFF position to selectively actuate the second fuel valve between the open position and the closed position, respectively.

5. (Currently Amended) The fuel selector of claim ~~[[3]]~~ 1 wherein the first fuel valve and the second fuel valve are non-solenoid, mechanical valves.

6. (Currently Amended) The fuel selector of claim ~~[[3]]~~ 1 wherein the selector switch provides for manual actuation of the first fuel valve and the second fuel valve between the open and closed positions.

7. (Currently Amended) The fuel selector of claim 1 ~~further comprising a carburetor solenoid switch configured to activate an associated carburetor solenoid when actuated~~
wherein the carburetor solenoid switch is a depressible switch.

8. (Currently Amended) The fuel selector of claim 7 ~~wherein, when the selector switch is in a first position, the selector switch actuates the carburetor solenoid switch so as to activate the carburetor solenoid and prohibit the second fuel flow to the engine~~

1 wherein the first fuel flow is a gaseous fuel flow and the second fuel flow is a liquid fuel flow.

9. (Currently Amended) The fuel selector of claim [[8]]_1 wherein, when the selector switch is in [[a]]_the second position, the carburetor solenoid allows the second fuel flow to the engine.

10. (New) A fuel selector for use with a dual fuel generator, the fuel selector comprising: a valve assembly fluidly couplable to each of a first fuel source and a second fuel source and operable to selectively control a first fuel flow and a second fuel flow from the first fuel source and the second fuel source, respectively, to an engine of the dual fuel generator, the valve assembly comprising: at least one fuel valve comprising open and closed positions to selectively control the first fuel flow or the second fuel flow to the engine; a first fuel input fluidly couplable to the first fuel source; a second fuel input fluidly couplable to the second fuel source; a first fuel output fluidly coupled to the engine to supply the first fuel flow to the engine; and a second fuel output fluidly coupled to the engine to supply the second fuel flow to the engine; and a selector switch positioned on or adjacent the valve assembly and movable between a first position and a second position to allow a user to manually select only the first fuel flow in the first position or only the second fuel flow in the second position.

11. (New) The fuel selector of claim 10 wherein the at least one fuel valve comprises: a first fuel valve comprising: the first fuel input of the valve assembly; and the first fuel output of the valve assembly; and a second fuel valve comprising: the second fuel input of the valve assembly; and the second fuel output of the valve assembly.

12. (New) The fuel selector of claim 11 wherein the selector switch is configured to

prevent the first fuel valve and the second fuel valve from being in the open position at the same time.

13. (New) The fuel selector of claim 10 further comprising: a carburetor solenoid comprising open and closed positions; and a carburetor solenoid switch triggered by the selector switch in the first position or the second position to activate the carburetor solenoid.

14. (New) The fuel selector of claim 13 wherein the carburetor solenoid switch is a depressible switch.

15. (New) The fuel selector of claim 13 wherein triggering the carburetor solenoid switch activates the carburetor solenoid to shut off the first fuel flow or the second fuel flow to the engine.

16. (New) A fuel selector for use with a dual fuel generator, the fuel selector comprising: a valve assembly fluidly couplable to each of a first fuel source and a second fuel source and operable to selectively control a first fuel flow and a second fuel flow from the first fuel source and the second fuel source, respectively, to an engine of the dual fuel generator, the valve assembly comprising: a first fuel valve comprising: an input fluidly couplable to the first fuel source; an open position configured to enable the first fuel flow to the engine; and a closed position configured to prevent the first fuel flow to the engine; an output fluidly coupled to the engine to supply the first fuel flow to the engine when the first fuel valve is in the open position; and a second fuel valve comprising: an input fluidly couplable to the second source; an open position configured to enable the second fuel flow to the engine; and a closed position configured to prevent

the second fuel flow to the engine; an output fluidly coupled to the engine to supply the second fuel flow to the engine when the second fuel valve is in the open position; and a selector switch positioned on or adjacent the valve assembly and movable between a first position and a second position to allow a user to manually select only the first fuel flow in the first position or only the second fuel flow in the second position.

17. (New) The fuel selector of claim 16 wherein the selector switch is configured to prevent the first fuel valve and the second fuel valve from being in the open position at the same time.

18. (New) The fuel selector of claim 16 further comprising a solenoid switch triggered by the selector switch in the first position or the second position to activate an associated fuel solenoid.

19. (New) The fuel selector of claim 18 wherein the solenoid switch is a depressible switch.

20. (New) The fuel selector of claim 16 wherein the first fuel flow is a gaseous fuel flow and the second fuel flow is a liquid fuel flow.

Applicant also will provide copies of amended drawings and specification to clearly show the fuel inputs and outputs.

Allowable Subject Matter

4. Claims 1-20 are allowed.

5. The following is an examiner's statement of reasons for allowance: No prior art teaches all the limitations of claims 1, 10, or 16, but more specifically, a fuel selector coupled to a first fuel source through a first fuel valve and a second fuel source

through a second fuel valve, a selector switch movable from a first position to a second position to allow a user to manually select the first fuel or the second fuel, and in which the carburetor solenoid switch is actuated when in the first position to activate the solenoid and prohibit the second fuel flow to the engine.

The closest piece of prior art is Sugimoto (U.S. Publication 2007/0137591), that teaches a fuel selector generator with two fuel sources and a valve assembly, but does not teach a carburetor solenoid switch and a first fuel valve and second fuel valve.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Refer to PTO-892.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to SYED O HASAN whose telephone number is (571)272-0990. The examiner can normally be reached Monday-Friday; 11AM-7PM.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at <http://www.uspto.gov/interviewpractice>.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lindsay Low can be reached on (571) 272-1196. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of published or unpublished applications may be obtained from Patent Center. Unpublished application information in Patent Center is available to registered users. To file and manage patent submissions in Patent Center, visit: <https://patentcenter.uspto.gov>. Visit <https://www.uspto.gov/patents/apply/patent-center> for more information about Patent Center and <https://www.uspto.gov/patents/docx> for information about filing in DOCX format. For additional questions, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/SYED O HASAN/
Primary Examiner, Art Unit 3747
11/16/2024

<i>Examiner-Initiated Interview Summary</i>	Application No. 18/443,530	Applicant(s) Sarder et al.		
	Examiner SYED O HASAN	Art Unit 3747	AIA (First Inventor to File) Status Yes	Page 1 of 1

All Participants (applicant, applicants representative, PTO personnel)	Title	Type
SYED O HASAN	Primary Examiner	Telephonic
Jacob Fritz	Attorney	

Date of Interview: 15 November 2024

Issues Discussed:

Drawings

Amendments to drawings and specification will be provided to clearly point out fuel inputs and outputs.

/SYED O HASAN/ Primary Examiner, Art Unit 3747	
Applicant is reminded that a complete written statement as to the substance of the interview must be made of record in the application file. It is the applicants responsibility to provide the written statement, unless the interview was initiated by the Examiner and the Examiner has indicated that a written summary will be provided. See MPEP 713.04 Please further see: MPEP 713.04 Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews, paragraph (b) 37 CFR § 1.2 Business to be transacted in writing	

Applicant recordation instructions:It is not necessary for applicant to provide a separate record of the substance of interview.

Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

Notice of References Cited	Application/Control No. 18/443,530		Applicant(s)/Patent Under Reexamination Sarder et al.	
	Examiner SYED O HASAN		Art Unit 3747	Page 1 of 1

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	K					
	L					
	M					

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	S					
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Search Notes 	Application/Control No. 18/443,530	Applicant(s)/Patent Under Reexamination Sarder et al.
	Examiner SYED O HASAN	Art Unit 3747

CPC - Searched*		
Symbol	Date	Examiner
F02D19/0676, 19/0613, 19/0647, 29/06, 19/0681, F02M21/0293, 21/0236, 21/0233, 13/08, 13/08, FO2B53/00, 63/00, HO2K1/22, Y10T137/0318, 137/0491, 137/87684, Y02T10/30	06/28/2024	/S.O.H/
Updated Search	11/16/2024	/S.O.H/

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

Search Notes		
Search Notes	Date	Examiner
Searched in subclasses above with keywords.	06/28/2024	/S.O.H/
SEARCH strategy attached. Inventor name searches performed.	06/28/2024	/S.O.H/

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner
	(engine and (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid and switch and select\$4).clm.	06/28/2024	/S.O.H/

	/SYED O HASAN/ Primary Examiner, Art Unit 3747
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Issue Classification 	Application/Control No. 18/443,530	Applicant(s)/Patent Under Reexamination Sarder et al.
	Examiner SYED O HASAN	Art Unit 3747

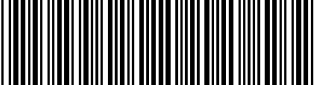
CPC						
Symbol					Type	Version
F02D	/	19	/	0676	F	2013-01-01
F02M	/	13	/	08	I	2013-01-01
F02D	/	19	/	0647	I	2013-01-01
F02D	/	29	/	06	I	2013-01-01
F02D	/	19	/	0613	I	2013-01-01
Y10T	/	137	/	0318	A	2015-04-01
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Y10T	/	137	/	87684	A	2015-04-01
Y02T	/	10	/	30	A	2013-01-01

CPC Combination Sets					
Symbol				Type	Version
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NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	20	
/SYED O HASAN/ Primary Examiner, Art Unit 3747 (Primary Examiner)	16 November 2024 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 1

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Issue Classification 	Application/Control No. 18/443,530	Applicant(s)/Patent Under Reexamination Sarder et al.
	Examiner SYED O HASAN	Art Unit 3747

INTERNATIONAL CLASSIFICATION			
CLAIMED			
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NON-CLAIMED			
	/		/

US ORIGINAL CLASSIFICATION	
CLASS	SUBCLASS

CROSS REFERENCES(S)						
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)					

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	20	
/SYED O HASAN/ Primary Examiner, Art Unit 3747 (Primary Examiner)	16 November 2024 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 1

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Issue Classification 	Application/Control No. 18/443,530	Applicant(s)/Patent Under Reexamination Sarder et al.
	Examiner SYED O HASAN	Art Unit 3747

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47															
CLAIMS															
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
1	1	10	10	19	19										
2	2	11	11	20	20										
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9	9	18	18												

NONE (Assistant Examiner) _____ (Date) _____		Total Claims Allowed: 20	
/SYED O HASAN/ Primary Examiner, Art Unit 3747 (Primary Examiner) _____ (Date) _____		16 November 2024 O.G. Print Claim(s)	1 O.G. Print Figure

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<i>Index of Claims</i> 	Application/Control No. 18/443,530	Applicant(s)/Patent Under Reexamination Sarder et al.
	Examiner SYED O HASAN	Art Unit 3747

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

CLAIMS										
☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47										
CLAIM		DATE								
Final	Original	06/28/2024	11/16/2024							
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2	2	=	=							
3	3	=	=							
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19	19	=	=							
20	20	=	=							

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Doc description: Information Disclosure Statement (IDS) Filed

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	Filing Date		2024-02-16
	First Named Inventor	Mark J. Sarder	
	Art Unit	3747	
	Examiner Name	Syed O Hasan	
	Attorney Docket Number	CET1090.124	

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	Art Unit	3747		
	Examiner Name	Syed O Hasan		
	Attorney Docket Number	CET1090.124		

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	Art Unit	3747	
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	Attorney Docket Number	CET1090.124	

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	First Named Inventor	Mark J. Sarder
	Art Unit	3747
	Examiner Name	Syed O Hasan
	Attorney Docket Number	CET1090.124

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23	"Model STT Dual-Fuel Illustrated Parts Manual," Scag Power Equipment, 32 pages, June 28, 2013, retrieved from Internet Archive Wayback Machine < https://web.archive.org/web/20130628045523/http://scag.com/OpManuals/STT/2011STTIPL/STT-DF_IPL_06216.pdf > on October 31, 2024	☐
24	"Model STT Dual-Fuel Illustrated Parts Manual," Scag Power Equipment, 28 pages, November 28, 2010, retrieved from Internet Archive Wayback Machine < https://web.archive.org/web/20101128005515/http://scag.com/OpManuals/STT/2009STTIPL/STT-DF_IPL_06201.pdf > on October 31, 2024	☐
25	"HPS12000HE, HPS12000HE-03/A, HPS12000HE-03/B Generator Installation and Operators Manual," Winco Inc., 20 pages, assume September 1, 2013, retrieved from the Internet < https://www.wincogen.com/wp-content/uploads/PD/Manuals/Portables/60706-236_HPS12000HE_OPM.pdf > on October 31, 2024	☐
26	"HPS9000VE/E, HPS9000VE-03/A, HPS9000VE-03/B Generator Installation and Operators Manual," Winco Inc., 20 pages, assume September 1, 2013, retrieved from the Internet < https://www.wincogen.com/wp-content/uploads/PD/Manuals/Portables/60706-237_HPS9000VE_OPM.pdf > on October 31, 2024	☐
27	"HPS6000HE/I, HPS6000HE-03/A, HPS6000HE-03/B Generator Installation and Operators Manual," Winco Inc., 20 pages, assume September 1, 2013, retrieved from the Internet < https://www.wincogen.com/wp-content/uploads/PD/Manuals/Portables/60706-238_HPS6000HE_OPM.pdf > on October 31, 2024	☐
28	"64585-106 Instruction Sheet Fuel Shut-Off Solenoid Kit CSA HPS6000HE/H (49 STATE)," Winco Inc., 1 page, 2012, retrieved from the Internet < https://www.absoluteGenerators.com/media/blfa_files/winco_csahps6000he-h_49_state_fuel_sol_inst_sht.pdf > on October 31, 2024	☐
29	"64585-107 Instruction Sheet Fuel Shut-Off Solenoid Kit HPS9000VE/D," Winco Inc., 2012, 1 page, retrieved from the Internet < https://www.absoluteGenerators.com/media/blfa_files/winco_hps9000ve-d_fuel_sol_inst_sht_1_.pdf > on October 31, 2024	☐
30	"64585-105 Instruction Sheet Fuel Shut-Off Solenoid Kit HPS12000HE/E (49 STATE)," Winco Inc., 1 page, 2012, retrieved from the Internet < https://www.absoluteGenerators.com/media/blfa_files/winco_hps12000he-e_49_state_fuel_sol_inst_sht.pdf > on October 31, 2024	☐
31	"HPS12000HE, HPS12000HE-03/A Generator Installation and Operators Manual," Winco Inc., 16 pages, assume September 1, 2013, retrieved from the Internet < https://www.wincogen.com/wp-content/uploads/PD/Manuals/Portables/60706-236_HPS12000HE_OPM.pdf > on October 31, 2024	☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	18443530
	Filing Date	2024-02-16
	First Named Inventor	Mark J. Sarder
	Art Unit	3747
	Examiner Name	Syed O Hasan
Attorney Docket Number		CET1090.124

32	"ECO2990, ECO2990E, ECO3990, ECO3990, ECO7990, ECO7990E, ECO8990, ECO890E Owner's Manual," Firman, 28 pages, assume 2013.10.31	☐
33	"Gas Kits Installation Instruction," SUMEC, 1 page, assume 2013.10.31	☐

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature	/SYED O HASAN/	Date Considered	11/16/2024
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	18443530
	Filing Date	2024-02-16
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	Art Unit	3747
	Examiner Name	Syed O Hasan
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Please see 37 CFR 1.97(e) to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached certification statement.

☐ A certification statement is not submitted herewith.

FEE

☐ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

COPIES

☐ An identification of an earlier application pursuant to 37 CFR 1.98 (d) (1) is attached.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Jacob M. Fritz/	Date (YYYY-MM-DD)	2024-10-31
Name/Print	Jacob M. Fritz	Registration Number	71459

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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PE2E SEARCH - Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
L1	11	((Mark) near2 (Sarder)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/06/23 02:16 PM
L2	2	((Leigh) near2 (Jenison)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/06/23 02:17 PM
L3	2	((Ian) near2 (Schmit)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/06/23 02:18 PM
L4	834	123/525.ccls.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:20 PM
L5	3	123/525.ccls. and (dual near3 fuel near3 generator)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:20 PM
L6	2	123/525.ccls. and (((multiple near3 fuel) or bi-fuel) near3 generator)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:21 PM
L7	3	123/525.ccls. and (((multiple near3 fuel) or bi-fuel or (LPG near5 gasoline)) near10 generator)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:22 PM
L8	236	(((multiple near3 fuel) or bi-fuel or (LPG near5 gasoline)) near10 generator)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:22 PM
L9	10	(((multiple near3 fuel) or bi-fuel or (LPG near5 gasoline)) near10 generator) same (switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:23 PM
L10	458	f02D19/0676.cpc.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:23 PM
L11	17	F02D19/0676.cpc. and (generator)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:24 PM
L12	6	F02M21/0293.cpc. and (generator)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:24 PM
L13	14	F02M21/0236.cpc. and (generator)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:25 PM
L14	18	F02M21/0233.cpc. and (generator)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:27 PM
L15	21	F02M13/08.cpc. and (generator)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:29 PM

L16	0	(generator) and (dual near3 fuel) and (selector near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:32 PM
L17	16	(generator) and (dual near3 fuel) and (selector near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:32 PM
L18	42	(generator) and ((dual near3 fuel) or (bi-fuel) or (multiple near3 fuel)) and (selector near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:33 PM
L19	46	(generator) and ((dual near3 fuel) or (bi-fuel) or (multiple near3 fuel)) and (fuel near5 select\$4 near5 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:39 PM
L20	46	(generator or genset) and ((dual near3 fuel) or (bi-fuel) or (multiple near3 fuel)) and (fuel near5 select\$4 near5 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:40 PM
L21	728	137/383.ccls.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:58 PM
L22	96	137/384.8.ccls.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:58 PM
L23	0	317/317.5.ccls.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:04 PM
L24	133	273/317.5.ccls.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:04 PM
L25	161	292/4.ccls.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:06 PM
L26	106	292/290.ccls.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:07 PM
L27	578	49/503.ccls.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:15 PM
L28	92	123/2-3.ccls. and (fuel near5 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:16 PM
L29	163	(generator) same (LPG near20 gasoline)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:35 PM
L30	163	(generator) same (LPG near20 gasoline)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:35 PM
L31	19	(fuel near3 select\$4	(US-PGPUB; USPAT;	OR	OFF	OFF	2015/06/23

L32	321499	near3 switch) and (LPG near20 gasoline) (select\$4 near3 switch)	USOCR; FPRS; EPO; JPO; DERWENT) (US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	03:53 PM 2015/06/23 03:55 PM
L33	1395	(select\$4 near3 switch) same (enclosure)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:55 PM
L34	123	(switch) same (enclosure) same (first near3 valve) same (second near3 valve)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:56 PM
L35	0	(switch) same (genset) same (first near3 valve) same (second near3 valve)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:58 PM
L36	11	(genset) and ((switch) same (first near3 valve) same (second near3 valve))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:58 PM
L37	550	(slider near3 switch).ti.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 04:17 PM
L38	28	(slider near3 switch).ti.	(US-PGPUB; USPAT)	OR	OFF	OFF	2015/06/23 04:19 PM
L39	2	("7135651" "7223931").PN. OR ("7772508").URPN.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/06/23 04:20 PM
L40	209	200/241.ccls.	(US-PGPUB; USPAT)	OR	OFF	OFF	2015/06/23 04:23 PM
L41	45	200/241.ccls. and (groove or slot)	(US-PGPUB; USPAT)	OR	OFF	OFF	2015/06/23 04:23 PM
L42	151	290/1A.ccls. and (groove or slot)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 04:24 PM
L43	414	290/1A.ccls. and (switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 04:25 PM
L44	45	290/1A.ccls. and (select\$4 near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 04:25 PM
L45	16208	(select\$4 near3 switch).ti.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 04:30 PM
L46	42	(fuel near3 select\$4 near3 switch).ti.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 04:30 PM
L47	1	("2004/0240141").URP N.	(USPAT)	OR	OFF	OFF	2015/06/23 04:31 PM
L48	436	261/16.ccls.	(USPAT)	OR	OFF	OFF	2015/06/23 04:38 PM
L49	18	261/16.ccls. and switch	(USPAT)	OR	OFF	OFF	2015/06/23

L50	0	48/180R.ccls.	(USPAT)	OR	OFF	OFF	04:38 PM 2015/06/23 04:38 PM
L51	0	48/180C.ccls.	(USPAT)	OR	OFF	OFF	2015/06/23 04:38 PM
L52	0	48/180C.ccls.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 04:39 PM
L53	834	123/525.ccls.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 04:39 PM
L54	215	123/525.ccls. and (switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 04:39 PM
L55	76	123/525.ccls. and (switch) and (dual near3 fuel)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 04:39 PM
L56	15	("20130122439" "20130 098349" "20060169238 " "20040240141" "4489 699").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/29 02:24 PM
L57	2	(dual near3 fuel near3 engine) same (fuel near3 handle)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/12/17 06:15 PM
L58	3	(dual near3 fuel near3 engine) same (fuel near3 handle)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/12/17 06:16 PM
L59	16	(dual near3 fuel near3 engine) same (fuel near3 lever)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/12/17 06:17 PM
L60	5	(dual near3 fuel near3 engine) same (fuel near3 valve near3 (lever or switch or handle))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/12/17 06:23 PM
L61	6	(dual near3 fuel near3 (engine or generator)) same (fuel near3 valve near3 (lever or switch or handle))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/12/17 06:45 PM
L62	24	(dual near3 fuel near3 (engine or generator)) same (fuel near3 (valve or supply) near3 (lever or switch or handle))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/12/17 06:45 PM
L63	4939	(gas near3 station).ti.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/12/17 06:55 PM
L64	39	(gas near3 station).ti. and lever	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/12/17 06:55 PM
L65	292	(generator).ti. and	(US-PGPUB; USPAT;	OR	OFF	OFF	2015/12/17

L66	98	((dual or multiple) near3 (fuel))	USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	06:56 PM
L67	13	(generator).ti. and ((dual or multiple) near3 (fuel)) and (engine)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/12/17 06:56 PM
L69	39	"4489699"	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2017/12/28 08:09 PM
L70	14	F02D19/0613.cpc. and ((dual near3 fuel) same (switch))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2018/01/02 08:38 PM
L71	25	F02D19/0613.cpc. and ((dual near3 fuel) same (switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/01/02 08:38 PM
L72	72	F02D19/0647.cpc. and ((dual near3 fuel) same (switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/01/02 08:39 PM
L73	77	F02D19/0647.cpc. and ((dual near3 fuel) same (switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2018/01/02 08:39 PM
L74	11	F02D19/06.cpc. and ((dual near3 fuel) same (switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2018/01/02 08:40 PM
L75	32	F02M13/08.cpc. and ((dual near3 fuel) same (switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2018/01/02 08:41 PM
L76	9	(fuel near3 select\$4 near3 switch) same (valve near3 assembly)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01 09:24 PM
L77	0	(geneartor) same (fuel near3 switch) same (valve near3 assembly)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01 09:25 PM
L78	9	(generator) same (fuel near3 switch) same (valve near3 assembly)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01 09:25 PM
L79	6704	(generator) same (fuel near3 valve)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01 09:26 PM
L80	10	(generator) same (dual near2 fuel near3 valve)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01 09:26 PM
L81	13	(generator) same (dual near2 fuel near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01 09:27 PM
L82	13	(generator) same (dual near3 fuel near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01 09:28 PM
L83	19	(gaseous near3 fuel)	(US-PGPUB; USPAT;	OR	OFF	OFF	2018/08/01

L84	52	same (dual near3 fuel near3 switch)	USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	09:54 PM
		(gaseous near3 fuel)	(US-PGPUB; USPAT;				2018/08/01
		same (fuel near3 select\$4 near3 switch)	USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	09:56 PM
L85	85	F02D19/0613.cpc. and (switch same valve)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01
							10:03 PM
L86	31	F02D19/0613.cpc. and (switch same valve same (user or operator))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01
							10:04 PM
L87	25	F02D19/081.cpc. and (switch same valve same (user or operator))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01
							10:08 PM
L88	16	F02D19/0642.cpc. and (switch same valve same (user or operator))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01
							10:10 PM
L89	39	"4489699"	(USPAT)	OR	OFF	OFF	2018/08/02
							02:52 PM
L90	1	"20040240141"	(USPAT)	OR	OFF	OFF	2018/08/02
							02:53 PM
L91	3	"20040240141"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/02
							02:53 PM
L92	3	"20060169238"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/02
							02:53 PM
L93	4	"20130098349"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/02
							02:55 PM
L94	5	"20130122439"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/02
							02:58 PM
L95	1	"20060169238"	(USPAT)	OR	OFF	OFF	2018/08/02
							02:58 PM
L96	0	123/198E.ccls. and (dual near3 fuel)	(USPAT)	OR	OFF	OFF	2018/08/02
							03:01 PM
L97	1	123/198E.ccls. and (dual near3 fuel)	(USPAT)	OR	OFF	OFF	2018/08/02
							03:01 PM
L98	1	123/198E.ccls. and (dual near3 fuel)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/02
							03:02 PM
L99	10	123/2.ccls. and (dual near3 fuel)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/02
							04:27 PM
L100	0	60/39.463. and (dual near3 fuel)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/02
							04:31 PM
L101	121	60/39.463.ccls. and	(US-PGPUB; USPAT;	OR	OFF	OFF	2018/08/02

		(dual near3 fuel)	USOCR; FPRS; EPO; JPO; DERWENT)				04:31 PM
L102	34	60/39.463.ccls. and ((dual near3 fuel) same (valve))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/02 04:32 PM
L103	50	"4489699"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/02 05:42 PM
L104	5	generator and (((dual or multiple or second\$4) near3 (fuel)) same (valve near2 handle) same (user or operator or manual or manually))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/16 11:09 PM
L105	16	generator and (((dual or multiple or second\$4) near3 (fuel)) same (valve near2 handle))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/16 11:10 PM
L106	20	generator and (((dual or multiple or second\$4) near3 (fuel)) same (valve near3 handle))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/16 11:10 PM
L107	540	generator and (((dual or multiple or second\$4) near3 (fuel)) same (valve) same (user or operator or manual or manually))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/16 11:12 PM
L108	124	generator and (((dual or multiple or second\$4) near3 (fuel)) same (valve) same (user or operator or manual or manually) same switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/16 11:13 PM
L109	4	("2681694").URPN.	(USPAT)	OR	OFF	OFF	2019/06/16 11:23 PM
L110	37	F02D19/0676.cpc. and ((valve) same (user or operator or manual or manually) same switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 05:17 PM
L111	19	F02D19/0681.cpc. and ((valve) same (user or operator or manual or manually) same switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 05:21 PM
L112	3	("2008/0022983").URP N.	(USPAT)	OR	OFF	OFF	2019/06/17 05:25 PM
L113	0	F02B2063/046.cpc. and ((valve) same (user or operator or manual or manually) same switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 05:29 PM
L114	23	F02B2063/046.cpc. and ((valve) same (user or operator or manual or	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 05:29 PM

L115	23	manually)) F02B2063/046.cpc. and ((valve) same (user or operator or manual or manually or mechanically or mechanical))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 05:54 PM
L116	33	F02B63/048.cpc. and ((valve) same (user or operator or manual or manually or mechanically or mechanical))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 05:54 PM
L117	1201	((((dual or multiple or second\$4 or bi) near3 (fuel)) same generator) and ((valve) same (user or operator or manual or manually or mechanically or mechanical))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:00 PM
L118	72	((((dual or multiple or second\$4 or bi) near3 (fuel)) same generator) and ((valve) same (user or operator or manual or manually or mechanically or mechanical) same handle)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:01 PM
L119	14	((((dual or multiple or second\$4 or bi) near3 (fuel)) same generator).ti. and ((valve) same (user or operator or manual or manually or mechanically or mechanical))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:05 PM
L120	5	((((dual or multiple or second\$4 or bi) near3 (fuel)) same generator).ti. and ((valve) same handle)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:12 PM
L121	139	((((dual or multiple or second\$4 or bi) near3 (fuel)) same generator) and ((valve) same handle)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:12 PM
L122	34	((((dual or multiple or second\$4 or bi) near3 (fuel)) same generator) and ((valve) near3 handle)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:12 PM
L123	555	generator and (((dual or	(US-PGPUB; USPAT;	OR	ON	ON	2019/06/17

L124	310	multiple or second\$4 or bi) near3 (fuel)) same (valve) same (user or operator or manual or manually))	USOCR; FPRS; EPO; JPO; DERWENT)				06:23 PM
		((((dual or multiple or second\$4 or bi) near3 (fuel)) same generator) and ((valve) near3 (switch or lever or selector))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:23 PM
L125	275	(generator same (case or casing or housing or enclosure)) and (((dual or multiple or second\$4 or bi) near3 (fuel))) and ((valve) same (fuel near3 (switch or lever or selector or handle)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:36 PM
L126	9	("2007/0137591").URP N.	(USPAT)	OR	OFF	OFF	2019/06/17 06:40 PM
L127	725165	(generator).ti. engine and (((dual or multiple or second\$4 or bi) near3 (fuel))) and ((valve) same (fuel near3 (switch or lever or selector or handle)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:48 PM
L128	23	(generator).ti. and engine and (((dual or multiple or second\$4 or bi) near3 (fuel))) and ((valve) same (fuel near3 (switch or lever or selector or handle)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:49 PM
L129	47	(generator).ti. and engine and (((dual or multiple or second\$4 or bi) near3 (fuel))) and ((fuel near3 (switch or lever or selector or handle)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:49 PM
L130	0	((((dual or multiple or second\$4 or bi) near3 (fuel) near3 gnerator)) and (second\$4 near3 (fuel near3 (switch or lever or selector or handle)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:56 PM
L131	18	((((dual or multiple or second\$4 or bi) near3 (fuel) near3 generator)) and (second\$4 near3 (fuel near3 (switch or lever or selector or	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:57 PM

L132	34	handle))) (((dual or multiple or second\$4 or bi) near3 (fuel) near3 generator)) and ((user or manual or manually or operator or mechanically) same (fuel near3 (switch or lever or selector or handle)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 07:00 PM
L133	393	(generator or genset) and (((dual or multiple or second\$4 or bi) near3 (fuel))) and ((user or manual or manually or operator or mechanically) same (fuel near3 (switch or lever or selector or handle)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 07:03 PM
L134	433	123/525.ccls.	(USPAT)	OR	OFF	OFF	2019/06/17 07:31 PM
L135	186	123/525.ccls. and (fuel same valve same (handle or switch or lever or selector))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2019/06/17 07:31 PM
L136	22	123/525.ccls. and (generator or genset) and (fuel same valve same (handle or switch or lever or selector))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2019/06/17 07:32 PM
L137	5	"20070137591"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2019/06/17 07:37 PM
L138	1	"20070137591"	(USPAT)	OR	OFF	OFF	2019/09/25 01:50 PM
L139	2	"20070137591"	(US-PGPUB; USPAT)	OR	OFF	OFF	2019/09/25 01:50 PM
L140	46	"4489699"	(US-PGPUB; USPAT)	OR	OFF	OFF	2019/09/25 01:50 PM
L141	63	("20020134362" "20040 139943" "20100258099 "20110168133" "2011 0253102" "2013004796 4" "20130220274" "201 40202430" "201402383 40" "20140373531" "20 150122230" "2722208" " 3384059" "3412258" "3 659574" "3718000" "37 83849" "3888223" "433 5697" "4372276" "4373 493" "4393848" "44508 21" "4463735" "448059	(US-PGPUB; USPAT)	OR	OFF	OFF	2019/12/19 08:00 PM

		5" "4502453" "4619240" "4628871" "4708094" "4895124" "4979480" "5092305" "5161496" "5171487" "5228423" "5287839" "5320078" "5325835" "5379740" "5419291" "5438968" "5450832" "5611312" "5673670" "5809979" "5816224" "6082323" "6213083" "6223730" "6276345" "6401685" "6453877" "6591817" "6914342" "7905469" "8342158" "8590510" "9435273" "20040240141" "20060169238" "20130098349" "20130122439" "4489699").PN					
L143	1	"10598101"	(USPAT)	OR	OFF	OFF	2021/02/23 08:07 AM
L144	1	"20070137591"	(USPAT)	OR	OFF	OFF	2021/03/08 07:48 PM
L145	2	"20070137591"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/03/08 07:48 PM
L146	5	"10598101"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/03/08 08:36 PM
L147	49	"4489699"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/03/08 09:16 PM
L148	0	carburettor near3 solenoid near3 switch	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/03/08 09:21 PM
L149	0	carburettor near3 solenoid near3 switch	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO)	OR	OFF	OFF	2021/03/08 09:22 PM
L150	43	carbur\$8 near3 solenoid near3 switch	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO)	OR	OFF	OFF	2021/03/08 09:22 PM
L151	38	engine and (carbur\$8 near3 solenoid near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO)	OR	OFF	OFF	2021/03/08 09:22 PM
L152	0	engine and geneartor and (carbur\$8 near3 solenoid near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO)	OR	OFF	OFF	2021/03/08 09:22 PM
L153	26	engine and generator and (carbur\$8 near3 solenoid near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO)	OR	OFF	OFF	2021/03/08 09:22 PM
L154	19	("20070137591" "2398437" "3911956" "4323046" "4375795" "4471805" "4492207" "4750514" "4788960" "5934320" "6543395" "6591817" "7591257" "7802562" "790	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/03/08 10:09 PM

L155	10	5469" "8042569" "8757 139" "8944027" "91756 01").PN. (generator) and (engine) and ((fuel near3 selector) same (second\$4 near3 (outlet or output)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 12:17 PM
L156	6020	(generator) and (engine) and ((dual enar3 fuel) same (second\$4 near3 (outlet or output)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 12:19 PM
L157	31	(generator) and (engine) and ((dual near3 fuel) same (second\$4 near3 (outlet or output)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 12:19 PM
L158	5	(generator) and (engine) and ((dual or second\$4) near3 fuel) and ((solenoid near3 switch) same (fuel adj solenoid))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 01:33 PM
L159	27	(generator) and (engine) and ((dual or second\$4) near3 fuel) and (fuel near3 solenoid near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 01:37 PM
L160	21	(generator) and (engine) and ((dual or second\$4) near3 fuel) and (fuel near3 (cut or cut-off) near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 02:08 PM
L161	958	(generator) and (engine) and ((dual or second\$4) near3 fuel) and (fuel near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 02:09 PM
L162	348	(generator) and (engine) and (((dual or second\$4) near3 fuel) same (fuel near3 switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 02:10 PM
L163	83	(engine) and (((dual or second\$4) near3 fuel) same (selector near3 switch) same (fuel near3 switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 02:13 PM
L164	1492	(engine) and (((dual or second\$4) near3 fuel) same (fuel near3 switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 02:41 PM
L165	0	gneerator and (engine) and (((dual or	(US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	ON	2021/06/15 02:41 PM

L166	348	second\$4) near3 fuel) same (fuel near3 switch)) generator and (engine) and (((dual or second\$4) near3 fuel) same (fuel near3 switch))	JPO; DERWENT) (US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 02:41 PM
L167	14	("2006/0065216").URP N.	(USPAT)	OR	OFF	OFF	2021/06/15 02:59 PM
L168	100	engine and ((fuel near3 selector) same (fuel near3 switch))	(USPAT)	OR	OFF	OFF	2021/06/15 05:11 PM
L169	2	engine and ((fuel near3 selector) same (kill near3 switch))	(USPAT)	OR	OFF	OFF	2021/06/15 05:11 PM
L170	4	engine and ((fuel near3 selector) same (kill near3 switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2021/06/15 05:11 PM
L171	0	engine and ((dual near3 duel) same (kill near3 switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2021/06/15 05:12 PM
L172	0	engine and ((dual near3 fuel) same (kill near3 switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2021/06/15 05:12 PM
L173	5	engine and ((dual near3 fuel) same ((cut or cut-off) near3 switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2021/06/15 05:12 PM
L174	7	("20070215223" "42879 08" "4364370" "441624 4" "5555873" "7954479" "9523497").PN.	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/06/15 05:17 PM
L175	10	"4306579"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/06/15 05:27 PM
L176	8655	generator and (solenoid near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 04:52 PM
L177	1022	generator and ((solenoid near3 switch) near5 (closed))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 04:53 PM
L178	238	generator and ((solenoid near3 switch) near5 (closed) near5 open)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 04:53 PM
L179	9	generator and ((solenoid near3 switch) near5 (closed) near5 (fuel))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 04:54 PM
L180	2	generator and ((solenoid near3 switch) same (fuel near3 mode))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 05:09 PM

L181	721	generator and ((solenoid near3 switch) same (fuel))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 05:09 PM
L182	132	generator and ((solenoid near3 switch) same (fuel near3 solenoid))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 05:10 PM
L183	58	generator and ((solenoid near3 switch) same (fuel near3 solenoid) same closed)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 05:23 PM
L184	2	engine and ((solenoid near3 switch) same (fuel near3 solenoid) same closed same (first near3 mode))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 05:27 PM
L185	2	engine and (((fuel near3 solenoid near3 switch) near5 closed) same (first near3 mode))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 05:28 PM
L186	2	engine and (((fuel near3 solenoid near3 switch) near5 closed) same (selector near3 switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 05:29 PM
L187	2	engine and (((fuel near3 solenoid near3 switch) near5 closed) same (mode))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 05:29 PM
L188	24	engine and (((fuel near3 solenoid near3 switch) near5 closed))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 05:29 PM
L189	9	engine and (((solenoid near3 switch) near5 closed) same (fuel near3 solenoid) same (operator or manual))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 06:16 PM
L190	9	engine and (((solenoid near3 switch) near5 closed) same (fuel near3 solenoid) same (operator or manual or user))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 06:16 PM
L191	9	engine and (((solenoid near3 switch) near5 closed) same (fuel near3 solenoid) same (operator or manual or user))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 06:23 PM
L192	147	(engine or generator) and ((solenoid near3 switch) same ((second\$4 or dual) near3 fuel))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 06:26 PM
L193	23	(engine or generator)	(US-PGPUB; USPAT;	OR	ON	ON	2021/06/17

L194	26	and ((solenoid adj switch) same ((second\$4 or dual) near3 fuel)) (engine or generator) and ((fuel near3 solenoid near3 switch) same ((second\$4 or dual) near3 fuel))	USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	06:27 PM 2021/06/17 06:33 PM
L195	0	((fuel near3 solenoid near3 switch) same operator same ((second\$4 or dual) near3 fuel))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 06:36 PM
L196	0	((fuel near3 solenoid near3 switch) same user same ((second\$4 or dual) near3 fuel))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 06:37 PM
L197	48	(engine or generator) and ((fuel near3 (cut\$4 or cut-off or stop) near3 switch) same ((second\$4 or dual) near3 fuel))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 06:37 PM
L198	612	generator and ((fuel near3 solenoid) same (switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/12/14 02:44 PM
L199	164	generator and ((fuel near3 solenoid) near5 (switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/12/14 02:44 PM
L200	31	generator and ((fuel adj solenoid) near5 (switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/12/14 02:44 PM
L201	32	(generator) and (engine) and ((dual or second\$4) near3 fuel) and ((fuel near3 solenoid near3 switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2022/02/04 04:19 PM
L202	57	dyson and (hair near3 dryer)	(USPAT)	OR	ON	ON	2022/02/04 04:22 PM
L203	3	(11306667;10598101;9435273).pn.	(USPAT)	OR	ON	ON	2022/09/09 03:58 PM
L204	34	(dual near3 fuel) AND (solenoid near3 switch) SAME (solenoid) SAME off	(US-PGPUB; USPAT)	OR	ON	ON	2023/01/20 05:23 PM
L205	87	(dual near3 fuel) AND ((solenoid near3 switch) SAME (solenoid) SAME off)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV,	OR	ON	ON	2023/01/20 05:23 PM

L206	18	(dual near3 fuel) AND ((solenoid ADJ switch) SAME (solenoid) SAME off)	MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT) (US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2023/01/20 05:25 PM
L207	45	(dual near3 fuel) AND ((fuel near3 solenoid near3 switch))	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2023/01/20 05:38 PM
L208	38	(dual near3 fuel) AND ((fuel near3 solenoid near3 switch))	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT)	OR	OFF	ON	2023/01/20 05:38 PM
L209	4	(9435273; 10598101; 11306667; "11761390").pn.	(US-PGPUB; USPAT)	OR	ON	ON	2023/11/29 05:29 PM
L210	4	("9435273,"	(US-PGPUB; USPAT)	OR	ON	ON	2023/11/29

L211	4	"10598101," "11306667," "11761390").pn. (9435273 10598101 11306667 "11761390").pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	05:29 PM 2023/11/29 05:30 PM
L212	9	"10598101"	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/05 04:03 PM
L213	3	"11761390"	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/05 04:07 PM
L214	0	(14069747 15015205).a pp.	(US-PGPUB; USPAT)	OR	ON	ON	2024/06/24 11:31 AM
L215	0	(14069747 15015205).a pp.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO)	OR	ON	ON	2024/06/24 11:31 AM
L216	0	(14069747;15015205).a pp.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO)	OR	ON	ON	2024/06/24 11:31 AM
L217	0	(14069747;15015205).a pp.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA,	OR	ON	ON	2024/06/24 11:31 AM

L218	0	("14069747,15015205").app.	VN); FPRS; EPO; JPO) (US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO)	OR	ON	ON	2024/06/24 11:31 AM
L219	0	("14/069747 15/015205").app.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO)	OR	ON	ON	2024/06/24 11:31 AM
L220	0	(14069747 15015205").app.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO)	OR	ON	ON	2024/06/24 11:32 AM
L221	0	(14069747 15015205").ap.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO,	OR	ON	ON	2024/06/24 11:32 AM

L222	9	Y10T137/0318.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND ((fuel near3 solenoid near3 switch))	MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:36 PM
L223	11	Y10T137/0318.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND (fuel near3 solenoid)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:36 PM
L224	104	Y10T137/0318.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:36 PM
L225	74	Y10T137/0318.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:36 PM
L226	12	Y10T137/0318.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND carburetor	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:36 PM
L227	12	Y10T137/0491.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND carburetor	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:36 PM
L228	12	Y10T137/87684.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND carburetor	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:37 PM
L229	65	Y10T137/0318.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid AND switch	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:37 PM
L230	12	Y10T137/0318.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid AND switch AND selector	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:37 PM

L231	65	Y10T137/0318.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid AND switch	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:37 PM
L232	12	Y10T137/0491.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid AND switch	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:37 PM
L233	12	Y10T137/87684.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid AND switch	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:37 PM
L234	293	Y02T10/30.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid AND switch	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:37 PM
L235	0	Y02T10/30.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid AND switch AND selct\$4	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:37 PM
L236	240	Y02T10/30.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid AND switch AND select\$4	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:38 PM
L237	9	("20040094116" OR "20100330518" OR "20110011369" OR "20110100335" OR "20120193558" OR "4574763" OR "5301644" OR "8465277" OR "9702480").pn.	(US-PGPUB; USPAT)	OR	ON	ON	2024/11/12 01:35 PM
L238	18	"4492207"	(US-PGPUB; USPAT)	OR	ON	ON	2024/11/15 03:28 PM

PE2E SEARCH - Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
N68	0	(dual near3 fuel near3 (engine or generator)) same (fuel near3 (valve	(USPAT)	OR	OFF	OFF	2016/04/21 07:37 PM

11/16/2024 01:15:11 PM

Workspace: Dual Fuel Selector Switch 14069747

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SH

N142	2	or supply) near3 (lever or switch or handle)).clm. (dual near3 fuel near3 (engine or generator)) same (fuel near3 (valve or supply) near3 (lever or switch or handle)).clm.	(USPAT)	OR	ON	ON	2019/12/19 07:59 PM
N203	3	(dual near3 fuel near3 (engine or generator)) same (fuel near3 (valve or supply) near3 (lever or switch or handle)).clm.	(USPAT)	OR	ON	ON	2022/02/04 04:20 PM
N204	57	dyson and (hair near3 dryer)	(USPAT)	OR	ON	ON	2022/02/04 04:22 PM
N205	12	((((dual near3 fuel near3 (engine OR generator)) AND fuel AND (solenoid) AND switch)).clm.	(USPAT)	OR	OFF	OFF	2023/07/27 04:34 PM
N206	15	(engine AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid AND switch AND select\$4).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2024/06/28 07:39 PM

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	18443530
	Filing Date	2024-02-16
	First Named Inventor	Mark J. Sarder
	Art Unit	3747
	Examiner Name	Syed O Hasan
	Attorney Docket Number	CET1090.124

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	2	5301644		1994-04-12	Olmr	
	3	8465277	B2	2013-06-18	Deng	
	4	9702480	B2	2017-07-11	Hoots et al.	
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	1	20040094116	A1	2004-05-20	Nishida et al.	
	2	20100330518	A1	2010-12-30	Deng	

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	First Named Inventor	Mark J. Sarder		
	Art Unit	3747		
	Examiner Name	Syed O Hasan		
	Attorney Docket Number	CET1090.124		

	3	20110011369	A1	2011-01-20	Jaasma et al.	
	4	20110100335	A1	2011-05-05	Parlatore et al.	
	5	20120193558	A1	2012-08-02	Hoots et al.	

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	2	101191439	CN	A	2008-06-04	Fujun Bai		☒
	3	101915169	CN	A	2010-12-15	Lifan Ind Group Co Ltd		☒
	4	203146142	CN	U	2013-08-21	Chen Jianmin		☒
	5	203248280	CN	U	2013-10-23	Sumec Machinery & Electric Co Ltd		☒
	6	63186928	JP	A	1988-08-02	Toyota Motor Corp		☒

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	Examiner Name	Syed O Hasan	
	Attorney Docket Number	CET1090.124	

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	1	"Outlet panel," webpage < http://www.nooutage.com/images/BS-7KW_Power_Now_panel.jpg >, 1 page, September 27, 2006, retrieved from Internet Archive Wayback Machine < https://web.archive.org/web/20060927043638/http://www.nooutage.com/images/BS-7KW_Power_Now_panel.jpg > on October 28, 2024	☐
	2	"Hose connections to portable tanks," webpage < http://www.nooutage.com/images/BS-7KW_Power_Now_tanks.jpg >, 1 page, September 28, 2006, retrieved from Internet Archive Wayback Machine < https://web.archive.org/web/20060928183104/http://www.nooutage.com/images/BS-7KW_Power_Now_tanks.jpg > on October 28, 2024	☐
	3	"AFC Model 142 Filter Shut-Off Valve," webpage < http://www.afcvalves.com/mod142.html >, 2 pages, February 12, 2007, retrieved from Internet Archive Wayback Machine < https://web.archive.org/web/20070212092045/http://www.afcvalves.com/mod142.html > on October 28, 2024	☐
	4	"Initial setup with portable LP tanks," webpage < http://www.nooutage.com/images/BS-7KW_Power_Now_tanks2.jpg >, 1 page, October 17, 2007, retrieved from Internet Archive Wayback Machine < https://web.archive.org/web/20071017203103/http://www.nooutage.com/images/BS-7KW_Power_Now_tanks2.jpg > on October 28, 2024	☐
	5	"Initial setup with portable LP tanks," webpage < http://www.nooutage.com/images/BS-7KW_Power_Now_1.jpg >, 2 pages, October 17, 2007, retrieved from Internet Archive Wayback Machine < https://web.archive.org/web/20071017151408/http://www.nooutage.com/images/BS-7KW_Power_Now_1.jpg > on October 28, 2024	☐
	6	"WG972-E2, DF972-E2, DG972-E2 Workshop Manual, Kubota Corporation, 153 pages, 2009, from the Internet < https://www.allpowerlabs.com/wp-content/uploads/2015/05/Workshop-Manual-WG-DF-DG972.pdf > on October 28, 2024	☐
	7	"Turf Tiger Dual Fuel Model STT61V-29KB-DF Operator's Manual," Scag Power Equipment, 72 pages, 2009, retrieved from the Internet < https://www.scag.com/wp-content/uploads/2020/04/STT-Dual-Fuel_Book_03252.pdf > on October 28, 2024	☐
	8	"Generator EU20i Owner's Manual," Honda, 69 pages, 2010, retrieved from the Internet < https://utopiacam.com/wp-content/uploads/2016/08/honda-20i-instruction-manual.pdf > on October 28, 2024	☐
	9	"Standby Generator Set," webpage < http://www.nooutage.com/40248.htm >, 2 pages, November 13, 2006, retrieved from Internet Archive Wayback Machine < https://web.archive.org/web/20061113112733/http://www.nooutage.com/40248.htm > on October 28, 2024	☐

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	Art Unit	3747	
	Examiner Name	Syed O Hasan	
	Attorney Docket Number	CET1090.124	

10	"Installation Instructions Low Pressure Fuel Solenoid Kit for Models HPS6000HE/I, HPS9000VE/E," Winco Inc., 4 pages, September 19, 2013, retrieved from the Internet < https://www.wincogen.com/wp-content/uploads/PD/Instructions/64854-005I_HPS6-9-FUEL-SOLENOID-KIT-INST.pdf > on October 29, 2024	☐
11	"Installation Instructions Low Pressure Fuel Solenoid Kit for Model HPS12000HE/F," Winco Inc., 4 pages, October 24, 2013, retrieved from the Internet < https://www.wincogen.com/wp-content/uploads/PD/Instructions/64854-009I_HPS12-FUEL-SOLENOID-KIT-INST.pdf > on October 29, 2024	☐
12	Screen captures from YouTube video titled "Honda Generator Tri-Fuel, EU2000i Triple-Fuel," 7 pages, uploaded on October 2, 2011 by user "Mark 'Mark1Jordon1' Kash," retrieved from Internet < https://www.youtube.com/watch?v=DpknaAPTQ9U > on October 28, 2024	☐
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	Filing Date		2024-02-16
	First Named Inventor	Mark J. Sarder	
	Art Unit	3747	
	Examiner Name	Syed O Hasan	
	Attorney Docket Number	CET1090.124	

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	First Named Inventor	Mark J. Sarder
	Art Unit	3747
	Examiner Name	Syed O Hasan
	Attorney Docket Number	CET1090.124

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	18443530
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	Art Unit	3747
	Examiner Name	Syed O Hasan
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CERTIFICATION STATEMENT			
Please see 37 CFR 1.97(e) to make the appropriate selection(s):			
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A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.			
Signature	/Jacob M. Fritz/	Date (YYYY-MM-DD)	2024-10-31
Name/Print	Jacob M. Fritz	Registration Number	71459
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APPLICATION #	RECEIPT DATE / TIME	ATTORNEY DOCKET #
18/443,530	10/31/2024 06:24:56 PM Z ET	CET1090.124

Title of Invention

DUAL FUEL SELECTOR SWITCH

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	-
CONFIRMATION #	3492	FILED BY	Robyn Templin
PATENT CENTER #	67775785	FILING DATE	02/16/2024
CUSTOMER #	26629	FIRST NAMED INVENTOR	Mark J. Sarder
CORRESPONDENCE ADDRESS	-	AUTHORIZED BY	Jacob Fritz

Documents

TOTAL DOCUMENTS: 41

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
FPD1-CN100402819C.pdf	16	Foreign Reference	5806 KB
FPD2-CN101191439A.pdf	7	Foreign Reference	1618 KB
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NPL21-2013 Honda EU20i Owners Manual.pdf	593C9024422ECAFFED4BEA2BB7E08C7AA6998C0A476F4147 D5F6D31AC096650417977CDBC080BB26C8B74C9BD12287886 B913AB2A15CDBB1829ACD4CA18128D2
NPL22-2011.11.22 Scag Turf Tiger Operators Manual.pdf	6A2F117D67C2578B2D472E60FD7C5B685C4AA23347EB36BA B1EE6C57E08FCF73643EE899C2D28F4E8ACD20D48B9E03A3 58BBF4979AA259924D9383C586572B57
NPL23-2013.06.28 Scag Turf Tiger Illustrated Parts Manual.pdf	29EB3A240E1361D817E5B3388B1BD7522CB16F0B7AD2EB052 F533FF4A80AB091B2F7BDB0791EDC5C780BD5EA9539740789 31DA3887389BAD5A1CD1260C693351
NPL24-2010.11.28 Scag Turf Tiger Illustrated Parts Manual.pdf	40B54CB133BE1137DAA018537F6C094C7A4E598A4C796B519 212330FEFD275F3C0DF4A503754D7B7DC61653A96BFD00D3 B75918E7A7B5DEC0FCB5BFC43EC7862
NPL25-2013.09.01 Assumed- Winco HPS12000HE Models Installation and Operators Manual.pdf	470E0B9AA60BFABD13A4A352A86C79BC93A68C7CE8111484 911D9CF0FC54C43D10F7FBA644C73761B37FBC36E54869AE6 96340E87CF3E7194C138D3894E58056
NPL26-2013.09.01 Assumed- Winco HPS9000VE Models Installation and Operators Manual.pdf	FBF067C62381B970FC58442613D154ED5EA63F7413818FDDB 605564DDD1D9CE6352115EC1A99E65B3FD61113E9D62E6723 9138AF786A65F66166AAA024FD0E62
NPL27-Winco HPS6000HEI_HPS6000HE- 03A_HPS6000HE-03B Installation and Operators Manual.pdf	51C089DE0E737809A09CD8454A9187F6E1EE72AF9D2DC2951 006F89214D48C51D0255F1440FEEB25E179B0033B9C481D97 E8E9E370A1586CFBD0DC7C99DF147D
NPL28-Winco CSA HPS6000HE-H Instruction Sheet.pdf	E871A0A68E37B38977778394037069FD2103627A4CA062FAEA FCD3FB5F9AC8C388F4005776FEB22714DE61A4DAED3E71CC 15DA0DC5AD8949EF6879CE5883B4FF
NPL29-HPS9000VED	0AA48883C441392ED35D06669178CB52A9CB210BC0B25AA22

Instruction Sheet.pdf	F0D568069B643FC0F58F23BB7DC069503F23D88B4E0E2A640 5A22ED96FE6631D31170FBD73CE4B8
NPL30-HPS12000HE-E Instruction Sheet.pdf	DCB39935991544DC59AEAB818EE3F97A07009A988563B53C6 BB0FF4ABAD8DC1C080C376BE67CE5C3455F4457D6745F477 937C9F53981354B043C808103AD71BA
NPL31-Winco HPS12000HE_HPS12000HE- 03A Installation and Operators Manual.pdf	5F7B0ADFD686673A03A5F25BEC4249B472B762AED3B896478 4444B3E5DEFD9C19185865DDC1900A6BA25A78E95906404D D5E34528117910A4F9E05FDF5FC1D90
NPL32-2013.10.31 Assumed- Firman ECO Owners Manual.pdf	0046131CC22456083D2D947B1E7FC6B13617C187A09F176141 041FF089973BBE5B0C727BBABEF6A5B1E8D8AC2B35D9580F 8A3488840CDEDDF8CF62427C2A8523
NPL33-2013.10.31 Assumed- SUMEC Gas Kits Installation Instruction.pdf	945AE264890C953FC45A60CA8B9157841E97ADC8BEF91493A 75DEBFC1865288A18346A3C864945928E054A160358138C5A2 A9021BB835174869ACE22417CEA2A
2024.10.31 RCE Transmittal.pdf	24EC5EFE8C6FE3636A852C4494CC54E50E895182279018B02 C5E12801F9B4FC10DDCA8A60938C6CCF9FFCAA08829E4681 546821B1E1D6FA9320A6271FACB04AB
2024.10.31 IDS.pdf	DD90AA7653F0E2685FCDFEA29097544B5DC773DD3A84AB84 D1E57B5806E55D811106FB963D5DCD7D9BC513547AB7C6A5 A004536AD18892DBAC4F8B9F820B6DE1

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.



UNITED STATES
PATENT AND TRADEMARK OFFICE

P.O. Box 1450
Alexandria, VA 22313 - 1450
www.uspto.gov

ELECTRONIC PAYMENT RECEIPT

APPLICATION # 18/443,530	RECEIPT DATE / TIME 10/31/2024 06:24:56 PM Z ET	ATTORNEY DOCKET # CET1090.124
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Title of Invention

DUAL FUEL SELECTOR SWITCH

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	-
CONFIRMATION #	3492	FILED BY	Robyn Templin
PATENT CENTER #	67775785	AUTHORIZED BY	Jacob Fritz
CUSTOMER #	26629	FILING DATE	02/16/2024
CORRESPONDENCE ADDRESS	-	FIRST NAMED INVENTOR	Mark J. Sarder

Payment Information

PAYMENT METHOD CARD / 4529	PAYMENT TRANSACTION ID E20240UI27575578	PAYMENT AUTHORIZED BY Robyn Templin
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FEE CODE	DESCRIPTION	ITEM PRICE(\$)	QUANTITY	ITEM TOTAL(\$)
2801	REQUEST FOR CONTINUED EXAMINATION (RCE) - 1ST REQUEST (SEE 37 CFR 1.114)	544.00	1	544.00
TOTAL AMOUNT:				\$544.00

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application

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If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C.

371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

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Doc code: RCEX

Doc description: Request for Continued Examination (RCE)

PTO/SB/30EFS (01-22)

Approved for use through 05/31/2024. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL (Submitted Only via EFS-Web)							
Application Number	18443530	Filing Date	2024-02-16	Docket Number (if applicable)	CET1090.124	Art Unit	3747
First Named Inventor	Mark J. Sarder			Examiner Name	Syed O Hasan		
This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application. Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. The Instruction Sheet for this form is located at WWW.USPTO.GOV							
SUBMISSION REQUIRED UNDER 37 CFR 1.114							
Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).							
☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked. ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____ ☐ Other _____							
☒ Enclosed ☐ Amendment/Reply ☒ Information Disclosure Statement (IDS) ☐ Affidavit(s)/ Declaration(s) ☐ Other _____							
MISCELLANEOUS							
☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of months _____ (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required) ☐ Other _____							
FEES							
☐ The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed. ☐ The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to Deposit Account No _____							
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED							
☒ Patent Practitioner Signature ☐ Applicant Signature							

Signature of Registered U.S. Patent Practitioner			
Signature	/Jacob M. Fritz/	Date (YYYY-MM-DD)	2024-10-31
Name	Jacob M. Fritz	Registration Number	71459

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.



UNITED STATES PATENT AND TRADEMARK OFFICE

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United States Patent and Trademark Office
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Alexandria, Virginia 22313-1450
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NOTICE OF ALLOWANCE AND FEE(S) DUE

26629 7590 07/31/2024
ZIOLKOWSKI PATENT SOLUTIONS GROUP, SC (ZPS)
136 S WISCONSIN ST
PORT WASHINGTON, WI 53074

EXAMINER

HASAN, SYED O

ART UNIT

PAPER NUMBER

3747

DATE MAILED: 07/31/2024

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/443,530	02/16/2024	Mark J. Sarder	CET1090.124	3492

TITLE OF INVENTION: DUAL FUEL SELECTOR SWITCH

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$480	\$0.00	\$0.00	\$480	10/31/2024

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 40% the amount of undiscounted fees, and micro entity fees are 20% the amount of undiscounted fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Maintenance fees are due in utility patents issuing on applications filed on or after Dec. 12, 1980. It is patentee's responsibility to ensure timely payment of maintenance fees when due. More information is available at www.uspto.gov/PatentMaintenanceFees.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), by mail or fax, or via the USPTO patent electronic filing system.

By mail, send to: Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

By fax, send to: (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications. **Because electronic patent issuance may occur shortly after issue fee payment, any desired continuing application should preferably be filed prior to payment of this issue fee in order not to jeopardize copendency.**

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

26629 7590 07/31/2024
ZIOLKOWSKI PATENT SOLUTIONS GROUP, SC (ZPS)
136 S WISCONSIN ST
PORT WASHINGTON, WI 53074

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being transmitted to the USPTO via the USPTO patent electronic filing system or by facsimile to (571) 273-2885, on the date below.

(Typed or printed name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/443,530	02/16/2024	Mark J. Sarder	CET1090.124	3492

TITLE OF INVENTION: DUAL FUEL SELECTOR SWITCH

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$480	\$0.00	\$0.00	\$480	10/31/2024

EXAMINER	ART UNIT	CLASS-SUBCLASS
HASAN, SYED O	3747	137-637000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/AIA/122 or PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/AIA/47 or PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,

1 _____

(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. Fees submitted: ☐ Issue Fee ☐ Publication Fee (if required)

4b. Method of Payment: (Please first reapply any previously paid fee shown above)

☐ Electronic Payment via the USPTO patent electronic filing system ☐ Enclosed check ☐ Non-electronic payment by credit card (Attach form PTO-2038)

☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. _____

5. Change in Entity Status (from status indicated above)

☐ Applicant certifying micro entity status. See 37 CFR 1.29

☐ Applicant asserting small entity status. See 37 CFR 1.27

☐ Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/443,530	02/16/2024	Mark J. Sarder	CET1090.124	3492
26629	7590	07/31/2024	EXAMINER	
ZIOLKOWSKI PATENT SOLUTIONS GROUP, SC (ZPS)			HASAN, SYED O	
136 S WISCONSIN ST			ART UNIT	PAPER NUMBER
PORT WASHINGTON, WI 53074			3747	
DATE MAILED: 07/31/2024				

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. The United States Patent and Trademark Office (USPTO) collects the information in this record under authority of 35 U.S.C. 2. The USPTO's system of records is used to manage all applicant and owner information including name, citizenship, residence, post office address, and other information with respect to inventors and their legal representatives pertaining to the applicant's/owner's activities in connection with the invention for which a patent is sought or has been granted. The applicable Privacy Act System of Records Notice for the information collected in this form is COMMERCE/PAT-TM-7 Patent Application Files, available in the Federal Register at 78 FR 19243 (March 29, 2013).

<https://www.govinfo.gov/content/pkg/FR-2013-03-29/pdf/2013-07341.pdf>

Routine uses of the information in this record may include disclosure to:

- 1) law enforcement, in the event that the system of records indicates a violation or potential violation of law;
- 2) a federal, state, local, or international agency, in response to its request;
- 3) a contractor of the USPTO having need for the information in order to perform a contract;
- 4) the Department of Justice for determination of whether the Freedom of Information Act (FOIA) requires disclosure of the record;
- 5) a Member of Congress submitting a request involving an individual to whom the record pertains, when the individual has requested the Member's assistance with respect to the subject matter of the record;
- 6) a court, magistrate, or administrative tribunal, in the course of presenting evidence, including disclosures to opposing counsel in the course of settlement negotiations;
- 7) the Administrator, General Services Administration (GSA), or their designee, during an inspection of records conducted by GSA under authority of 44 U.S.C. 2904 and 2906, in accordance with the GSA regulations and any other relevant (i.e., GSA or Commerce) directive, where such disclosure shall not be used to make determinations about individuals;
- 8) another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c));
- 9) the Office of Personnel Management (OPM) for personnel research purposes; and
- 10) the Office of Management and Budget (OMB) for legislative coordination and clearance.

If you do not furnish the information requested on this form, the USPTO may not be able to process and/or examine your submission, which may result in termination of proceedings, abandonment of the application, and/or expiration of the patent.

Notice of Allowability	Application No. 18/443,530	Applicant(s) Sarder et al.	
	Examiner SYED O HASAN	Art Unit 3747	AIA (FITF) Status Yes

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 2/16/2024.
☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

3. ☒ The allowed claim(s) is/are 1-20 . As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a) ☐ All b) ☐ Some* c) ☐ None of the:

1. ☐ Certified copies of the priority documents have been received.

2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____ .

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)	5. ☒ Examiner's Amendment/Comment
2. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____.	6. ☒ Examiner's Statement of Reasons for Allowance
3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material _____.	7. ☐ Other _____.
4. ☒ Interview Summary (PTO-413), Paper No./Mail Date, 6/28/2024.	

/SYED O HASAN/ Primary Examiner, Art Unit 3747	
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DETAILED ACTION

Notice of Pre-AIA or AIA Status

1. The present application, filed on or after March 16, 2013, is being examined under the first inventor to file provisions of the AIA.

Terminal Disclaimer

2. The terminal disclaimer filed on 6/28/2024 disclaiming the terminal portion of any patent granted on this application which would extend beyond the expiration date of **Patent Numbers 9435273, 10598101, 11306667, 11761390** has been reviewed and is accepted. The terminal disclaimer has been recorded.

EXAMINER'S AMENDMENT

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in an interview with Jacob Fritz on 6/28/2024.

The application has been amended as follows:

1. (Currently Amended) A fuel selector for use with a dual fuel generator, the fuel selector comprising: a valve assembly fluidly couplable to each of a first fuel source and a second fuel source and operable to selectively control a first fuel flow and a second

fuel flow from the first fuel source and the second fuel source, respectively, to an engine of the dual fuel generator, the valve assembly comprising: a first fuel valve comprising open and closed positions to selectively control the first fuel flow to the engine; and a second fuel valve comprising open and closed positions to selectively control the second fuel flow to the engine; a carburetor solenoid switch configured to activate an associated carburetor solenoid when actuated; and a selector switch movable between a first position and a second position to allow a user to manually select the first fuel flow in the first position or the second fuel flow in the second position, the selector switch configured to actuate the carburetor solenoid switch when in the first position to activate the carburetor solenoid and prohibit the second fuel flow to the engine.

2. (Currently Amended) The fuel selector of claim 1 wherein: ~~the two fuel outputs are configured to selectively supply fuel to the engine from only one of the first and second fuel sources responsive to selection of the first fuel flow or the second fuel flow via the selector switch and a corresponding operation of the valve assembly.~~ the first fuel valve comprises: an input fluidly couplable to the first fuel source; and an output fluidly coupled to the engine to supply the first fuel flow to the engine when the first fuel valve is in the open position; and the second fuel valve comprises: an input fluidly couplable to the second source; and an output fluidly coupled to the engine to supply the second fuel flow to the engine when the second fuel valve is in the open position.

3. (Currently Amended) The fuel selector of claim 1 wherein the ~~valve assembly~~

~~comprises: selector switch is configured to prevent the first fuel valve and the second fuel valve from being in the open position at the same time. a first fuel valve having open and closed positions to selectively control the first fuel flow to the engine; and a second fuel valve having open and closed positions to selectively control the second fuel flow to the engine.~~

4. (Currently Amended) The fuel selector of claim ~~[[3]]~~ 1 further comprising:
a first valve handle coupled to the first fuel valve and actuable between an ON position and an OFF position to selectively actuate the first fuel valve between the open position and the closed position, respectively; and a second valve handle coupled to the second fuel valve and actuable between an ON position and an OFF position to selectively actuate the second fuel valve between the open position and the closed position, respectively.

5. (Currently Amended) The fuel selector of claim ~~[[3]]~~ 1 wherein the first fuel valve and the second fuel valve are non-solenoid, mechanical valves.

6. (Currently Amended) The fuel selector of claim ~~[[3]]~~ 1 wherein the selector switch provides for manual actuation of the first fuel valve and the second fuel valve between the open and closed positions.

7. (Currently Amended) The fuel selector of claim 1 ~~further comprising a carburetor solenoid switch configured to activate an associated carburetor solenoid when actuated~~
wherein the carburetor solenoid switch is a depressible switch.

8. (Currently Amended) The fuel selector of claim 7 ~~wherein, when the selector switch is in a first position, the selector switch actuates the carburetor solenoid switch so as to activate the carburetor solenoid and prohibit the second fuel flow to the engine~~

1 wherein the first fuel flow is a gaseous fuel flow and the second fuel flow is a liquid fuel flow.

9. (Currently Amended) The fuel selector of claim [[8]]_1 wherein, when the selector switch is in [[a]]_the second position, the carburetor solenoid allows the second fuel flow to the engine.

10. (New) A fuel selector for use with a dual fuel generator, the fuel selector comprising: a valve assembly fluidly couplable to each of a first fuel source and a second fuel source and operable to selectively control a first fuel flow and a second fuel flow from the first fuel source and the second fuel source, respectively, to an engine of the dual fuel generator, the valve assembly comprising: at least one fuel valve comprising open and closed positions to selectively control the first fuel flow or the second fuel flow to the engine; a first fuel input fluidly couplable to the first fuel source; a second fuel input fluidly couplable to the second fuel source; a first fuel output fluidly coupled to the engine to supply the first fuel flow to the engine; and a second fuel output fluidly coupled to the engine to supply the second fuel flow to the engine; and a selector switch positioned on or adjacent the valve assembly and movable between a first position and a second position to allow a user to manually select only the first fuel flow in the first position or only the second fuel flow in the second position.

11. (New) The fuel selector of claim 10 wherein the at least one fuel valve comprises: a first fuel valve comprising: the first fuel input of the valve assembly; and the first fuel output of the valve assembly; and a second fuel valve comprising: the second fuel input of the valve assembly; and the second fuel output of the valve assembly.

12. (New) The fuel selector of claim 11 wherein the selector switch is configured to

prevent the first fuel valve and the second fuel valve from being in the open position at the same time.

13. (New) The fuel selector of claim 10 further comprising: a carburetor solenoid comprising open and closed positions; and a carburetor solenoid switch triggered by the selector switch in the first position or the second position to activate the carburetor solenoid.

14. (New) The fuel selector of claim 13 wherein the carburetor solenoid switch is a depressible switch.

15. (New) The fuel selector of claim 13 wherein triggering the carburetor solenoid switch activates the carburetor solenoid to shut off the first fuel flow or the second fuel flow to the engine.

16. (New) A fuel selector for use with a dual fuel generator, the fuel selector comprising: a valve assembly fluidly couplable to each of a first fuel source and a second fuel source and operable to selectively control a first fuel flow and a second fuel flow from the first fuel source and the second fuel source, respectively, to an engine of the dual fuel generator, the valve assembly comprising: a first fuel valve comprising: an input fluidly couplable to the first fuel source; an open position configured to enable the first fuel flow to the engine; and a closed position configured to prevent the first fuel flow to the engine; an output fluidly coupled to the engine to supply the first fuel flow to the engine when the first fuel valve is in the open position; and a second fuel valve comprising: an input fluidly couplable to the second source; an open position configured to enable the second fuel flow to the engine; and a closed position configured to prevent

the second fuel flow to the engine; an output fluidly coupled to the engine to supply the second fuel flow to the engine when the second fuel valve is in the open position; and a selector switch positioned on or adjacent the valve assembly and movable between a first position and a second position to allow a user to manually select only the first fuel flow in the first position or only the second fuel flow in the second position.

17. (New) The fuel selector of claim 16 wherein the selector switch is configured to prevent the first fuel valve and the second fuel valve from being in the open position at the same time.

18. (New) The fuel selector of claim 16 further comprising a solenoid switch triggered by the selector switch in the first position or the second position to activate an associated fuel solenoid.

19. (New) The fuel selector of claim 18 wherein the solenoid switch is a depressible switch.

20. (New) The fuel selector of claim 16 wherein the first fuel flow is a gaseous fuel flow and the second fuel flow is a liquid fuel flow.

Allowable Subject Matter

4. Claims 1-20 are allowed.

5. The following is an examiner's statement of reasons for allowance: No prior art teaches all the limitations of claims 1, 10, or 16, but more specifically, a fuel selector coupled to a first fuel source through a first fuel valve and a second fuel source through a second fuel valve, a selector switch movable from a first position to a second position to allow a user to manually select the first fuel or the second fuel, and in which

the carburetor solenoid switch is actuated when in the first position to activate the solenoid and prohibit the second fuel flow to the engine.

The closest piece of prior art is Sugimoto (U.S. Publication 2007/0137591), that teaches a fuel selector generator with two fuel sources and a valve assembly, but does not teach a carburetor solenoid switch and a first fuel valve and second fuel valve.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Refer to PTO-892.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to SYED O HASAN whose telephone number is (571)272-0990. The examiner can normally be reached Monday-Friday; 11AM-7PM.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at <http://www.uspto.gov/interviewpractice>.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lindsay Low can be reached on (571) 272-1196. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of published or unpublished applications may be obtained from Patent Center. Unpublished application information in Patent Center is available to registered users. To file and manage patent submissions in Patent Center, visit: <https://patentcenter.uspto.gov>. Visit <https://www.uspto.gov/patents/apply/patent-center> for more information about Patent Center and <https://www.uspto.gov/patents/docx> for information about filing in DOCX format. For additional questions, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/SYED O HASAN/
Primary Examiner, Art Unit 3747
6/28/2024

<i>Examiner-Initiated Interview Summary</i>	Application No. 18/443,530	Applicant(s) Sarder et al.		
	Examiner SYED O HASAN	Art Unit 3747	AIA (First Inventor to File) Status Yes	Page 1 of 1

All Participants (applicant, applicants representative, PTO personnel)	Title	Type
SYED O HASAN	Primary Examiner	Telephonic
Jacob Fritz	Attorney	

Date of Interview: 28 June 2024

Issues Discussed:

Proposed Amendment(s)

Agreement was reached as to what amendments would overcome the prior art. A NOA will be filed along with examiner's amendments.

/SYED O HASAN/ Primary Examiner, Art Unit 3747	
Applicant is reminded that a complete written statement as to the substance of the interview must be made of record in the application file. It is the applicants responsibility to provide the written statement, unless the interview was initiated by the Examiner and the Examiner has indicated that a written summary will be provided. See MPEP 713.04 Please further see: MPEP 713.04 Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews, paragraph (b) 37 CFR § 1.2 Business to be transacted in writing	

Applicant recordation instructions: It is not necessary for applicant to provide a separate record of the substance of interview.

Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

Notice of References Cited	Application/Control No. 18/443,530		Applicant(s)/Patent Under Reexamination Sarder et al.	
	Examiner SYED O HASAN		Art Unit 3747	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date YYYY-MM-DD	Name	CPC Classification	US Classification
*	A	US-4297742-A	1981-10-27	Heitzman; Gary N.	F02D17/04	361/194
*	B	US-20040246118-A1	2004-12-09	Tharman, Paul A.	F01M11/12	340/450
*	C	US-4489699-A	1984-12-25	Poehlman; Arthur G.	F02B69/04	48/180.1
*	D	US-20060169238-A1	2006-08-03	Mazuka; Naoto	F02B63/04	290/1A
*	E	US-20040240141-A1	2004-12-02	Stolt, Peter E.	H01H47/18	361/160
*	F	US-20020125115-A1	2002-09-12	Burkholder, Robert F.	H01R13/447	200/51.11
*	G	US-20070137591-A1	2007-06-21	Sugimoto; Yasuhiro	F02M21/06	123/527
*	H	US-3696333-A	1972-10-03	Mott; Willard	F02N11/0803	340/425.5
	I					
	J					
	K					
	L					
	M					

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date YYYY-MM-DD	Country	Name	CPC Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in YYYY-MM-DD format are publication dates. Classifications may be US or foreign.

U.S. Patent and Trademark Office
PTO-892 (Rev. 11-2023)

Notice of References Cited

Part of Paper No. 20240628

Issue Classification 	Application/Control No. 18/443,530	Applicant(s)/Patent Under Reexamination Sarder et al.
	Examiner SYED O HASAN	Art Unit 3747

CPC						
Symbol					Type	Version
F02D	/	19	/	0676	F	2013-01-01
F02M	/	13	/	08	I	2013-01-01
F02D	/	19	/	0647	I	2013-01-01
F02D	/	29	/	06	I	2013-01-01
F02D	/	19	/	0613	I	2013-01-01
Y10T	/	137	/	0318	A	2015-04-01
Y10T	/	137	/	0491	A	2015-04-01
Y10T	/	137	/	87684	A	2015-04-01
Y02T	/	10	/	30	A	2013-01-01

CPC Combination Sets					
Symbol		Type	Set	Ranking	Version
/	/				

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	20	
/SYED O HASAN/	28 June 2024	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	1

U.S. Patent and Trademark Office

Part of Paper No.: 20240628

Issue Classification 	Application/Control No. 18/443,530	Applicant(s)/Patent Under Reexamination Sarder et al.
	Examiner SYED O HASAN	Art Unit 3747

INTERNATIONAL CLASSIFICATION			
CLAIMED			
F02D	/	19	/ 06

NON-CLAIMED			
/		/	

US ORIGINAL CLASSIFICATION	
CLASS	SUBCLASS

CROSS REFERENCES(S)						
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)					

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	20	
/SYED O HASAN/ Primary Examiner, Art Unit 3747 (Primary Examiner)	28 June 2024 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 1

U.S. Patent and Trademark Office

Part of Paper No.: 20240628

Issue Classification 	Application/Control No. 18/443,530	Applicant(s)/Patent Under Reexamination Sarder et al.
	Examiner SYED O HASAN	Art Unit 3747

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47															
CLAIMS															
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
1	1	10	10	19	19										
2	2	11	11	20	20										
3	3	12	12												
4	4	13	13												
5	5	14	14												
6	6	15	15												
7	7	16	16												
8	8	17	17												
9	9	18	18												

NONE (Assistant Examiner) _____ (Date) _____		Total Claims Allowed: 20	
/SYED O HASAN/ Primary Examiner, Art Unit 3747 (Primary Examiner) _____ (Date) 28 June 2024		O.G. Print Claim(s) 1	O.G. Print Figure 1

U.S. Patent and Trademark Office

Part of Paper No.: 20240628

<i>Index of Claims</i> 	Application/Control No. 18/443,530	Applicant(s)/Patent Under Reexamination Sarder et al.
	Examiner SYED O HASAN	Art Unit 3747

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

CLAIMS										
☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47										
CLAIM		DATE								
Final	Original	06/28/2024								
1	1	=								
2	2	=								
3	3	=								
4	4	=								
5	5	=								
6	6	=								
7	7	=								
8	8	=								
9	9	=								
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14	14	=								
15	15	=								
16	16	=								
17	17	=								
18	18	=								
19	19	=								
20	20	=								

Search Notes 	Application/Control No. 18/443,530	Applicant(s)/Patent Under Reexamination Sarder et al.
	Examiner SYED O HASAN	Art Unit 3747

CPC - Searched*		
Symbol	Date	Examiner
F02D19/0676, 19/0613, 19/0647, 29/06, 19/0681, F02M21/0293, 21/0236, 21/0233, 13/08, 13/08, FO2B53/00, 63/00, HO2K1/22, Y10T137/0318, 137/0491, 137/87684, Y02T10/30	06/28/2024	/S.O.H/

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

Search Notes		
Search Notes	Date	Examiner
Searched in subclasses above with keywords.	06/28/2024	/S.O.H/
SEARCH strategy attached. Inventor name searches performed.	06/28/2024	/S.O.H/

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner
	(engine and (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid and switch and select\$4).clm.	06/28/2024	/S.O.H/

	/SYED O HASAN/ Primary Examiner, Art Unit 3747
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PE2E SEARCH - Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
L1	11	((Mark) near2 (Sarder)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/06/23 02:16 PM
L2	2	((Leigh) near2 (Jenison)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/06/23 02:17 PM
L3	2	((Ian) near2 (Schmit)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/06/23 02:18 PM
L4	834	123/525.ccls.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:20 PM
L5	3	123/525.ccls. and (dual near3 fuel near3 generator)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:20 PM
L6	2	123/525.ccls. and (((multiple near3 fuel) or bi-fuel) near3 generator)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:21 PM
L7	3	123/525.ccls. and (((multiple near3 fuel) or bi-fuel or (LPG near5 gasoline)) near10 generator)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:22 PM
L8	236	(((multiple near3 fuel) or bi-fuel or (LPG near5 gasoline)) near10 generator)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:22 PM
L9	10	(((multiple near3 fuel) or bi-fuel or (LPG near5 gasoline)) near10 generator) same (switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:23 PM
L10	458	f02D19/0676.cpc.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:23 PM
L11	17	F02D19/0676.cpc. and (generator)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:24 PM
L12	6	F02M21/0293.cpc. and (generator)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:24 PM
L13	14	F02M21/0236.cpc. and (generator)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:25 PM
L14	18	F02M21/0233.cpc. and (generator)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:27 PM
L15	21	F02M13/08.cpc. and (generator)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:29 PM

L16	0	(generator) and (dual near3 fuel) and (selector near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:32 PM
L17	16	(generator) and (dual near3 fuel) and (selector near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:32 PM
L18	42	(generator) and ((dual near3 fuel) or (bi-fuel) or (multiple near3 fuel)) and (selector near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:33 PM
L19	46	(generator) and ((dual near3 fuel) or (bi-fuel) or (multiple near3 fuel)) and (fuel near5 select\$4 near5 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:39 PM
L20	46	(generator or genset) and ((dual near3 fuel) or (bi-fuel) or (multiple near3 fuel)) and (fuel near5 select\$4 near5 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:40 PM
L21	728	137/383.ccls.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:58 PM
L22	96	137/384.8.ccls.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 02:58 PM
L23	0	317/317.5.ccls.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:04 PM
L24	133	273/317.5.ccls.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:04 PM
L25	161	292/4.ccls.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:06 PM
L26	106	292/290.ccls.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:07 PM
L27	578	49/503.ccls.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:15 PM
L28	92	123/2-3.ccls. and (fuel near5 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:16 PM
L29	163	(generator) same (LPG near20 gasoline)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:35 PM
L30	163	(generator) same (LPG near20 gasoline)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:35 PM
L31	19	(fuel near3 select\$4	(US-PGPUB; USPAT;	OR	OFF	OFF	2015/06/23

L32	321499	near3 switch) and (LPG near20 gasoline) (select\$4 near3 switch)	USOCR; FPRS; EPO; JPO; DERWENT) (US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	03:53 PM 2015/06/23 03:55 PM
L33	1395	(select\$4 near3 switch) same (enclosure)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:55 PM
L34	123	(switch) same (enclosure) same (first near3 valve) same (second near3 valve)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:56 PM
L35	0	(switch) same (genset) same (first near3 valve) same (second near3 valve)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:58 PM
L36	11	(genset) and ((switch) same (first near3 valve) same (second near3 valve))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 03:58 PM
L37	550	(slider near3 switch).ti.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 04:17 PM
L38	28	(slider near3 switch).ti.	(US-PGPUB; USPAT)	OR	OFF	OFF	2015/06/23 04:19 PM
L39	2	("7135651" "7223931").PN. OR ("7772508").URPN.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/06/23 04:20 PM
L40	209	200/241.ccls.	(US-PGPUB; USPAT)	OR	OFF	OFF	2015/06/23 04:23 PM
L41	45	200/241.ccls. and (groove or slot)	(US-PGPUB; USPAT)	OR	OFF	OFF	2015/06/23 04:23 PM
L42	151	290/1A.ccls. and (groove or slot)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 04:24 PM
L43	414	290/1A.ccls. and (switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 04:25 PM
L44	45	290/1A.ccls. and (select\$4 near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 04:25 PM
L45	16208	(select\$4 near3 switch).ti.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 04:30 PM
L46	42	(fuel near3 select\$4 near3 switch).ti.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/06/23 04:30 PM
L47	1	("2004/0240141").URP N.	(USPAT)	OR	OFF	OFF	2015/06/23 04:31 PM
L48	436	261/16.ccls.	(USPAT)	OR	OFF	OFF	2015/06/23 04:38 PM
L49	18	261/16.ccls. and switch	(USPAT)	OR	OFF	OFF	2015/06/23

06/28/2024 07:45:34 PM

Workspace: Dual Fuel Selector Switch 14069747

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L50	0	48/180R.ccls.	(USPAT)	OR	OFF	OFF	04:38 PM 2015/06/23
L51	0	48/180C.ccls.	(USPAT)	OR	OFF	OFF	04:38 PM 2015/06/23
L52	0	48/180C.ccls.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	04:38 PM 2015/06/23
L53	834	123/525.ccls.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	04:39 PM 2015/06/23
L54	215	123/525.ccls. and (switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	04:39 PM 2015/06/23
L55	76	123/525.ccls. and (switch) and (dual near3 fuel)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	04:39 PM 2015/06/23
L56	15	("20130122439" "20130 098349" "20060169238 " "20040240141" "4489 699").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	02:24 PM 2015/06/29
L57	2	(dual near3 fuel near3 engine) same (fuel near3 handle)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	06:15 PM 2015/12/17
L58	3	(dual near3 fuel near3 engine) same (fuel near3 handle)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	06:16 PM 2015/12/17
L59	16	(dual near3 fuel near3 engine) same (fuel near3 lever)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	06:17 PM 2015/12/17
L60	5	(dual near3 fuel near3 engine) same (fuel near3 valve near3 (lever or switch or handle))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	06:23 PM 2015/12/17
L61	6	(dual near3 fuel near3 (engine or generator)) same (fuel near3 valve near3 (lever or switch or handle))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	06:45 PM 2015/12/17
L62	24	(dual near3 fuel near3 (engine or generator)) same (fuel near3 (valve or supply) near3 (lever or switch or handle))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	06:45 PM 2015/12/17
L63	4939	(gas near3 station).ti.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	06:55 PM 2015/12/17
L64	39	(gas near3 station).ti. and lever	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	06:55 PM 2015/12/17
L65	292	(generator).ti. and	(US-PGPUB; USPAT;	OR	OFF	OFF	2015/12/17

L66	98	((dual or multiple) near3 (fuel))	USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	06:56 PM
L67	13	(generator).ti. and ((dual or multiple) near3 (fuel)) and (engine)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2015/12/17 06:56 PM
L69	39	"4489699"	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2017/12/28 08:09 PM
L70	14	F02D19/0613.cpc. and ((dual near3 fuel) same (switch))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2018/01/02 08:38 PM
L71	25	F02D19/0613.cpc. and ((dual near3 fuel) same (switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/01/02 08:38 PM
L72	72	F02D19/0647.cpc. and ((dual near3 fuel) same (switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/01/02 08:39 PM
L73	77	F02D19/0647.cpc. and ((dual near3 fuel) same (switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2018/01/02 08:39 PM
L74	11	F02D19/06.cpc. and ((dual near3 fuel) same (switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2018/01/02 08:40 PM
L75	32	F02M13/08.cpc. and ((dual near3 fuel) same (switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2018/01/02 08:41 PM
L76	9	(fuel near3 select\$4 near3 switch) same (valve near3 assembly)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01 09:24 PM
L77	0	(geneartor) same (fuel near3 switch) same (valve near3 assembly)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01 09:25 PM
L78	9	(generator) same (fuel near3 switch) same (valve near3 assembly)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01 09:25 PM
L79	6704	(generator) same (fuel near3 valve)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01 09:26 PM
L80	10	(generator) same (dual near2 fuel near3 valve)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01 09:26 PM
L81	13	(generator) same (dual near2 fuel near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01 09:27 PM
L82	13	(generator) same (dual near3 fuel near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01 09:28 PM
L83	19	(gaseous near3 fuel)	(US-PGPUB; USPAT;	OR	OFF	OFF	2018/08/01

L84	52	same (dual near3 fuel near3 switch)	USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	09:54 PM
		(gaseous near3 fuel)	(US-PGPUB; USPAT;				
L85	85	same (fuel near3 select\$4 near3 switch)	USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01 09:56 PM
		F02D19/0613.cpc. and (switch same valve)	(US-PGPUB; USPAT;				
L86	31	F02D19/0613.cpc. and (switch same valve same (user or operator))	USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01 10:03 PM
		F02D19/081.cpc. and (switch same valve same (user or operator))	(US-PGPUB; USPAT;				
L87	25	F02D19/081.cpc. and (switch same valve same (user or operator))	USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01 10:04 PM
		F02D19/0642.cpc. and (switch same valve same (user or operator))	(US-PGPUB; USPAT;				
L88	16	F02D19/0642.cpc. and (switch same valve same (user or operator))	USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/01 10:08 PM
		"4489699"	(USPAT)	OR	OFF	OFF	2018/08/01 10:10 PM
L89	39	"4489699"	(USPAT)	OR	OFF	OFF	2018/08/02 02:52 PM
		"20040240141"	(USPAT)	OR	OFF	OFF	2018/08/02 02:53 PM
L90	1	"20040240141"	(US-PGPUB; USPAT;	OR	OFF	OFF	2018/08/02 02:53 PM
		"20040240141"	USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/02 02:53 PM
L91	3	"20040240141"	(US-PGPUB; USPAT;	OR	OFF	OFF	2018/08/02 02:53 PM
		"20060169238"	USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/02 02:53 PM
L92	3	"20060169238"	(US-PGPUB; USPAT;	OR	OFF	OFF	2018/08/02 02:53 PM
		"20130098349"	USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/02 02:55 PM
L93	4	"20130098349"	(US-PGPUB; USPAT;	OR	OFF	OFF	2018/08/02 02:55 PM
		"20130122439"	USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/02 02:58 PM
L94	5	"20130122439"	(US-PGPUB; USPAT;	OR	OFF	OFF	2018/08/02 02:58 PM
		"20060169238"	USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/02 02:58 PM
L95	1	"20060169238"	(USPAT)	OR	OFF	OFF	2018/08/02 02:58 PM
		123/198E.ccls. and (dual near3 fuel)	(USPAT)	OR	OFF	OFF	2018/08/02 03:01 PM
L96	0	123/198E.ccls. and (dual near3 fuel)	(USPAT)	OR	OFF	OFF	2018/08/02 03:01 PM
		123/198E.ccls. and (dual near3 fuel)	(USPAT)	OR	OFF	OFF	2018/08/02 03:01 PM
L97	1	123/198E.ccls. and (dual near3 fuel)	(US-PGPUB; USPAT;	OR	OFF	OFF	2018/08/02 03:02 PM
		123/198E.ccls. and (dual near3 fuel)	USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/02 03:02 PM
L98	1	123/198E.ccls. and (dual near3 fuel)	(US-PGPUB; USPAT;	OR	OFF	OFF	2018/08/02 03:02 PM
		123/2.ccls. and (dual near3 fuel)	USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/02 04:27 PM
L99	10	123/2.ccls. and (dual near3 fuel)	(US-PGPUB; USPAT;	OR	OFF	OFF	2018/08/02 04:27 PM
		60/39.463. and (dual near3 fuel)	USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/02 04:31 PM
L100	0	60/39.463. and (dual near3 fuel)	(US-PGPUB; USPAT;	OR	OFF	OFF	2018/08/02 04:31 PM
		60/39.463.ccls. and	USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/02 04:31 PM
L101	121	60/39.463.ccls. and	(US-PGPUB; USPAT;	OR	OFF	OFF	2018/08/02 04:31 PM

		(dual near3 fuel)	USOCR; FPRS; EPO; JPO; DERWENT)				04:31 PM
L102	34	60/39.463.ccls. and ((dual near3 fuel) same (valve))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/02 04:32 PM
L103	50	"4489699"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2018/08/02 05:42 PM
L104	5	generator and (((dual or multiple or second\$4) near3 (fuel)) same (valve near2 handle) same (user or operator or manual or manually))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/16 11:09 PM
L105	16	generator and (((dual or multiple or second\$4) near3 (fuel)) same (valve near2 handle))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/16 11:10 PM
L106	20	generator and (((dual or multiple or second\$4) near3 (fuel)) same (valve near3 handle))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/16 11:10 PM
L107	540	generator and (((dual or multiple or second\$4) near3 (fuel)) same (valve) same (user or operator or manual or manually))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/16 11:12 PM
L108	124	generator and (((dual or multiple or second\$4) near3 (fuel)) same (valve) same (user or operator or manual or manually) same switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/16 11:13 PM
L109	4	("2681694").URPN.	(USPAT)	OR	OFF	OFF	2019/06/16 11:23 PM
L110	37	F02D19/0676.cpc. and ((valve) same (user or operator or manual or manually) same switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 05:17 PM
L111	19	F02D19/0681.cpc. and ((valve) same (user or operator or manual or manually) same switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 05:21 PM
L112	3	("2008/0022983").URP N.	(USPAT)	OR	OFF	OFF	2019/06/17 05:25 PM
L113	0	F02B2063/046.cpc. and ((valve) same (user or operator or manual or manually) same switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 05:29 PM
L114	23	F02B2063/046.cpc. and ((valve) same (user or operator or manual or	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 05:29 PM

L115	23	manually)) F02B2063/046.cpc. and ((valve) same (user or operator or manual or manually or mechanically or mechanical))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 05:54 PM
L116	33	F02B63/048.cpc. and ((valve) same (user or operator or manual or manually or mechanically or mechanical))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 05:54 PM
L117	1201	((((dual or multiple or second\$4 or bi) near3 (fuel)) same generator) and ((valve) same (user or operator or manual or manually or mechanically or mechanical))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:00 PM
L118	72	((((dual or multiple or second\$4 or bi) near3 (fuel)) same generator) and ((valve) same (user or operator or manual or manually or mechanically or mechanical) same handle)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:01 PM
L119	14	((((dual or multiple or second\$4 or bi) near3 (fuel)) same generator).ti. and ((valve) same (user or operator or manual or manually or mechanically or mechanical))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:05 PM
L120	5	((((dual or multiple or second\$4 or bi) near3 (fuel)) same generator).ti. and ((valve) same handle)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:12 PM
L121	139	((((dual or multiple or second\$4 or bi) near3 (fuel)) same generator) and ((valve) same handle)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:12 PM
L122	34	((((dual or multiple or second\$4 or bi) near3 (fuel)) same generator) and ((valve) near3 handle)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:12 PM
L123	555	generator and (((dual or	(US-PGPUB; USPAT;	OR	ON	ON	2019/06/17

L124	310	multiple or second\$4 or bi) near3 (fuel)) same (valve) same (user or operator or manual or manually)) (((dual or multiple or second\$4 or bi) near3 (fuel)) same generator) and ((valve) near3 (switch or lever or selector))	USOCR; FPRS; EPO; JPO; DERWENT) (US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	06:23 PM 2019/06/17 06:23 PM
L125	275	(generator same (case or casing or housing or enclosure)) and (((dual or multiple or second\$4 or bi) near3 (fuel))) and ((valve) same (fuel near3 (switch or lever or selector or handle)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:36 PM
L126	9	("2007/0137591").URP N.	(USPAT)	OR	OFF	OFF	2019/06/17 06:40 PM
L127	725165	(generator).ti. engine and (((dual or multiple or second\$4 or bi) near3 (fuel))) and ((valve) same (fuel near3 (switch or lever or selector or handle)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:48 PM
L128	23	(generator).ti. and engine and (((dual or multiple or second\$4 or bi) near3 (fuel))) and ((valve) same (fuel near3 (switch or lever or selector or handle)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:49 PM
L129	47	(generator).ti. and engine and (((dual or multiple or second\$4 or bi) near3 (fuel))) and ((fuel near3 (switch or lever or selector or handle)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:49 PM
L130	0	(((dual or multiple or second\$4 or bi) near3 (fuel) near3 gnerator)) and (second\$4 near3 (fuel near3 (switch or lever or selector or handle)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:56 PM
L131	18	(((dual or multiple or second\$4 or bi) near3 (fuel) near3 generator)) and (second\$4 near3 (fuel near3 (switch or lever or selector or	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 06:57 PM

L132	34	handle))) (((dual or multiple or second\$4 or bi) near3 (fuel) near3 generator)) and ((user or manual or manually or operator or mechanically) same (fuel near3 (switch or lever or selector or handle)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 07:00 PM
L133	393	(generator or genset) and (((dual or multiple or second\$4 or bi) near3 (fuel))) and ((user or manual or manually or operator or mechanically) same (fuel near3 (switch or lever or selector or handle)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2019/06/17 07:03 PM
L134	433	123/525.ccls.	(USPAT)	OR	OFF	OFF	2019/06/17 07:31 PM
L135	186	123/525.ccls. and (fuel same valve same (handle or switch or lever or selector))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2019/06/17 07:31 PM
L136	22	123/525.ccls. and (generator or genset) and (fuel same valve same (handle or switch or lever or selector))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2019/06/17 07:32 PM
L137	5	"20070137591"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2019/06/17 07:37 PM
L138	1	"20070137591"	(USPAT)	OR	OFF	OFF	2019/09/25 01:50 PM
L139	2	"20070137591"	(US-PGPUB; USPAT)	OR	OFF	OFF	2019/09/25 01:50 PM
L140	46	"4489699"	(US-PGPUB; USPAT)	OR	OFF	OFF	2019/09/25 01:50 PM
L141	63	("20020134362" "20040 139943" "20100258099 "20110168133" "2011 0253102" "2013004796 4" "20130220274" "201 40202430" "201402383 40" "20140373531" "20 150122230" "2722208" " 3384059" "3412258" "3 659574" "3718000" "37 83849" "3888223" "433 5697" "4372276" "4373 493" "4393848" "44508 21" "4463735" "448059	(US-PGPUB; USPAT)	OR	OFF	OFF	2019/12/19 08:00 PM

		5" "4502453" "4619240" "4628871" "4708094" "4895124" "4979480" "5092305" "5161496" "5171487" "5228423" "5287839" "5320078" "5325835" "5379740" "5419291" "5438968" "5450832" "5611312" "5673670" "5809979" "5816224" "6082323" "6213083" "6223730" "6276345" "6401685" "6453877" "6591817" "6914342" "7905469" "8342158" "8590510" "9435273" "20040240141" "20060169238" "20130098349" "20130122439" "4489699").PN					
L143	1	"10598101"	(USPAT)	OR	OFF	OFF	2021/02/23 08:07 AM
L144	1	"20070137591"	(USPAT)	OR	OFF	OFF	2021/03/08 07:48 PM
L145	2	"20070137591"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/03/08 07:48 PM
L146	5	"10598101"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/03/08 08:36 PM
L147	49	"4489699"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/03/08 09:16 PM
L148	0	carburettor near3 solenoid near3 switch	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/03/08 09:21 PM
L149	0	carburettor near3 solenoid near3 switch	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO)	OR	OFF	OFF	2021/03/08 09:22 PM
L150	43	carbur\$8 near3 solenoid near3 switch	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO)	OR	OFF	OFF	2021/03/08 09:22 PM
L151	38	engine and (carbur\$8 near3 solenoid near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO)	OR	OFF	OFF	2021/03/08 09:22 PM
L152	0	engine and geneartor and (carbur\$8 near3 solenoid near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO)	OR	OFF	OFF	2021/03/08 09:22 PM
L153	26	engine and generator and (carbur\$8 near3 solenoid near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO)	OR	OFF	OFF	2021/03/08 09:22 PM
L154	19	("20070137591" "2398437" "3911956" "4323046" "4375795" "4471805" "4492207" "4750514" "4788960" "5934320" "6543395" "6591817" "7591257" "7802562" "790	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/03/08 10:09 PM

L155	10	5469" "8042569" "8757 139" "8944027" "91756 01").PN. (generator) and (engine) and ((fuel near3 selector) same (second\$4 near3 (outlet or output)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 12:17 PM
L156	6020	(generator) and (engine) and ((dual enar3 fuel) same (second\$4 near3 (outlet or output)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 12:19 PM
L157	31	(generator) and (engine) and ((dual near3 fuel) same (second\$4 near3 (outlet or output)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 12:19 PM
L158	5	(generator) and (engine) and ((dual or second\$4) near3 fuel) and ((solenoid near3 switch) same (fuel adj solenoid))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 01:33 PM
L159	27	(generator) and (engine) and ((dual or second\$4) near3 fuel) and (fuel near3 solenoid near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 01:37 PM
L160	21	(generator) and (engine) and ((dual or second\$4) near3 fuel) and (fuel near3 (cut or cut-off) near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 02:08 PM
L161	958	(generator) and (engine) and ((dual or second\$4) near3 fuel) and (fuel near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 02:09 PM
L162	348	(generator) and (engine) and (((dual or second\$4) near3 fuel) same (fuel near3 switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 02:10 PM
L163	83	(engine) and (((dual or second\$4) near3 fuel) same (selector near3 switch) same (fuel near3 switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 02:13 PM
L164	1492	(engine) and (((dual or second\$4) near3 fuel) same (fuel near3 switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 02:41 PM
L165	0	gneerator and (engine) and (((dual or	(US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	ON	2021/06/15 02:41 PM

L166	348	second\$4) near3 fuel) same (fuel near3 switch)) generator and (engine) and (((dual or second\$4) near3 fuel) same (fuel near3 switch))	JPO; DERWENT) (US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/15 02:41 PM
L167	14	("2006/0065216").URP N.	(USPAT)	OR	OFF	OFF	2021/06/15 02:59 PM
L168	100	engine and ((fuel near3 selector) same (fuel near3 switch))	(USPAT)	OR	OFF	OFF	2021/06/15 05:11 PM
L169	2	engine and ((fuel near3 selector) same (kill near3 switch))	(USPAT)	OR	OFF	OFF	2021/06/15 05:11 PM
L170	4	engine and ((fuel near3 selector) same (kill near3 switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2021/06/15 05:11 PM
L171	0	engine and ((dual near3 duel) same (kill near3 switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2021/06/15 05:12 PM
L172	0	engine and ((dual near3 fuel) same (kill near3 switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2021/06/15 05:12 PM
L173	5	engine and ((dual near3 fuel) same ((cut or cut-off) near3 switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	OFF	OFF	2021/06/15 05:12 PM
L174	7	("20070215223" "42879 08" "4364370" "441624 4" "5555873" "7954479" "9523497").PN.	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/06/15 05:17 PM
L175	10	"4306579"	(US-PGPUB; USPAT)	OR	OFF	OFF	2021/06/15 05:27 PM
L176	8655	generator and (solenoid near3 switch)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 04:52 PM
L177	1022	generator and ((solenoid near3 switch) near5 (closed))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 04:53 PM
L178	238	generator and ((solenoid near3 switch) near5 (closed) near5 open)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 04:53 PM
L179	9	generator and ((solenoid near3 switch) near5 (closed) near5 (fuel))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 04:54 PM
L180	2	generator and ((solenoid near3 switch) same (fuel near3 mode))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 05:09 PM

L181	721	generator and ((solenoid near3 switch) same (fuel))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 05:09 PM
L182	132	generator and ((solenoid near3 switch) same (fuel near3 solenoid))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 05:10 PM
L183	58	generator and ((solenoid near3 switch) same (fuel near3 solenoid) same closed)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 05:23 PM
L184	2	engine and ((solenoid near3 switch) same (fuel near3 solenoid) same closed same (first near3 mode))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 05:27 PM
L185	2	engine and (((fuel near3 solenoid near3 switch) near5 closed) same (first near3 mode))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 05:28 PM
L186	2	engine and (((fuel near3 solenoid near3 switch) near5 closed) same (selector near3 switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 05:29 PM
L187	2	engine and (((fuel near3 solenoid near3 switch) near5 closed) same (mode))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 05:29 PM
L188	24	engine and (((fuel near3 solenoid near3 switch) near5 closed))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 05:29 PM
L189	9	engine and (((solenoid near3 switch) near5 closed) same (fuel near3 solenoid) same (operator or manual))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 06:16 PM
L190	9	engine and (((solenoid near3 switch) near5 closed) same (fuel near3 solenoid) same (operator or manual or user))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 06:16 PM
L191	9	engine and (((solenoid near3 switch) near5 closed) same (fuel near3 solenoid) same (operator or manual or user))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 06:23 PM
L192	147	(engine or generator) and ((solenoid near3 switch) same ((second\$4 or dual) near3 fuel))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 06:26 PM
L193	23	(engine or generator)	(US-PGPUB; USPAT;	OR	ON	ON	2021/06/17

L194	26	and ((solenoid adj switch) same ((second\$4 or dual) near3 fuel))	USOCR; FPRS; EPO; JPO; DERWENT)				06:27 PM
		(engine or generator) and ((fuel near3 solenoid near3 switch) same ((second\$4 or dual) near3 fuel))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 06:33 PM
L195	0	((fuel near3 solenoid near3 switch) same operator same ((second\$4 or dual) near3 fuel))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 06:36 PM
L196	0	((fuel near3 solenoid near3 switch) same user same ((second\$4 or dual) near3 fuel))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 06:37 PM
L197	48	(engine or generator) and ((fuel near3 (cut\$4 or cut-off or stop) near3 switch) same ((second\$4 or dual) near3 fuel))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/06/17 06:37 PM
L198	612	generator and ((fuel near3 solenoid) same (switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/12/14 02:44 PM
L199	164	generator and ((fuel near3 solenoid) near5 (switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/12/14 02:44 PM
L200	31	generator and ((fuel adj solenoid) near5 (switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2021/12/14 02:44 PM
L201	32	(generator) and (engine) and ((dual or second\$4) near3 fuel) and ((fuel near3 solenoid near3 switch))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2022/02/04 04:19 PM
L202	57	dyson and (hair near3 dryer)	(USPAT)	OR	ON	ON	2022/02/04 04:22 PM
L203	3	(11306667;10598101;9435273).pn.	(USPAT)	OR	ON	ON	2022/09/09 03:58 PM
L204	34	(dual near3 fuel) AND (solenoid near3 switch) SAME (solenoid) SAME off	(US-PGPUB; USPAT)	OR	ON	ON	2023/01/20 05:23 PM
L205	87	(dual near3 fuel) AND ((solenoid near3 switch) SAME (solenoid) SAME off)	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV,	OR	ON	ON	2023/01/20 05:23 PM

L206	18	(dual near3 fuel) AND ((solenoid ADJ switch) SAME (solenoid) SAME off)	MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT) (US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2023/01/20 05:25 PM
L207	45	(dual near3 fuel) AND ((fuel near3 solenoid near3 switch))	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2023/01/20 05:38 PM
L208	38	(dual near3 fuel) AND ((fuel near3 solenoid near3 switch))	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT)	OR	OFF	ON	2023/01/20 05:38 PM
L209	4	(9435273; 10598101; 11306667; "11761390").pn.	(US-PGPUB; USPAT)	OR	ON	ON	2023/11/29 05:29 PM
L210	4	("9435273,"	(US-PGPUB; USPAT)	OR	ON	ON	2023/11/29

		"10598101," "11306667," "11761390").pn.					05:29 PM
L211	4	(9435273 10598101 11306667 "11761390").pn.	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2023/11/29 05:30 PM
L212	9	"10598101"	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/05 04:03 PM
L213	3	"11761390"	(US-PGPUB; USPAT)	OR	ON	ON	2023/12/05 04:07 PM
L214	0	(14069747 15015205).a pp.	(US-PGPUB; USPAT)	OR	ON	ON	2024/06/24 11:31 AM
L215	0	(14069747 15015205).a pp.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO)	OR	ON	ON	2024/06/24 11:31 AM
L216	0	(14069747;15015205).a pp.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO)	OR	ON	ON	2024/06/24 11:31 AM
L217	0	(14069747;15015205).a pp.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA,	OR	ON	ON	2024/06/24 11:31 AM

L218	0	("14069747,15015205").app.	VN); FPRS; EPO; JPO) (US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO)	OR	ON	ON	2024/06/24 11:31 AM
L219	0	("14/069747 15/015205").app.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO)	OR	ON	ON	2024/06/24 11:31 AM
L220	0	(14069747 "15015205").app.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO)	OR	ON	ON	2024/06/24 11:32 AM
L221	0	(14069747 "15015205").ap.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO,	OR	ON	ON	2024/06/24 11:32 AM

L222	9	Y10T137/0318.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND ((fuel near3 solenoid near3 switch))	MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:36 PM
L223	11	Y10T137/0318.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND (fuel near3 solenoid)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:36 PM
L224	104	Y10T137/0318.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:36 PM
L225	74	Y10T137/0318.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:36 PM
L226	12	Y10T137/0318.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND carburetor	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:36 PM
L227	12	Y10T137/0491.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND carburetor	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:36 PM
L228	12	Y10T137/87684.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND carburetor	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:37 PM
L229	65	Y10T137/0318.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid AND switch	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:37 PM
L230	12	Y10T137/0318.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid AND switch AND selector	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:37 PM

L231	65	Y10T137/0318.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid AND switch	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:37 PM
L232	12	Y10T137/0491.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid AND switch	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:37 PM
L233	12	Y10T137/87684.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid AND switch	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:37 PM
L234	293	Y02T10/30.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid AND switch	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:37 PM
L235	0	Y02T10/30.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid AND switch AND selct\$4	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:37 PM
L236	240	Y02T10/30.cpc. AND (generator) AND (engine) AND ((dual OR second\$4) near3 fuel) AND solenoid AND switch AND select\$4	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT)	OR	ON	ON	2024/06/28 07:38 PM

PE2E SEARCH - Search History (Interference)

There are no Interference searches to show.

Bibliographic Data

Application No: 18/443,530

Foreign Priority claimed: ☐ Yes ☒ No

35 USC 119 (a-d) conditions met: ☐ Yes ☒ No ☐ Met After Allowance

Verified and Acknowledged:

Examiner's Signature Initials

Title:

FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
02/16/2024	137	3747	
RULE			

APPLICANTS

Champion Power Equipment, Inc., Santa Fe Springs, CA, UNITED STATES

INVENTORS

Mark J. Sarder, Waukesha, WI, UNITED STATES

Leigh Jenison, Hartland, WI, UNITED STATES

Ian Schmit, Cedarburg, WI, UNITED STATES

CONTINUING DATA

This application is a CON of 18330807 06/07/2023 PAT 11905896

18330807 is a CON of 17651245 02/16/2022 PAT 11761390

17651245 is a CON of 16789722 02/13/2020 PAT 11306667

16789722 is a CON of 15015205 02/04/2016 PAT 10598101

15015205 is a CON of 14069747 11/01/2013 PAT 9435273

FOREIGN APPLICATIONS

IF REQUIRED, FOREIGN LICENSE GRANTED**

02/29/2024

** SMALL ENTITY **

STATE OR COUNTRY

UNITED STATES

ADDRESS

FILING FEE RECEIVED

\$824



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TERMINAL DISCLAIMER TO OBVIATE A DOUBLE PATENTING REJECTION OVER A PRIOR PATENT

APPLICATION #
18443530

FILING DATE
02/16/2024

FIRST NAMED INVENTOR
Mark Sarder

ATTORNEY DOCKET #
CET1090.124

Title of Invention

DUAL FUEL SELECTOR SWITCH



Filing of terminal disclaimer does not obviate requirement for response under 37 CFR 1.111 to outstanding Office Action



This electronic Terminal Disclaimer is not being used for a Joint Research Agreement.

Owner	Percent interest
Champion Power Equipment, Inc.	100%
Total	100%

The owner(s) of percent interest listed above in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term of any patent granted on pending reference Application Number(s)

Application #	Filing Date
---------------	-------------

as the term of any patent granted on said reference application may be shortened by any terminal disclaimer filed prior to the grant of any patent on the pending reference application. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and any patent granted on the reference application are commonly owned. This agreement runs with any patent granted on the

instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of any patent granted on the instant application that would extend to the expiration date of the full statutory term of any patent granted on said reference application, "as the term of any patent granted on said reference application may be shortened by any terminal disclaimer filed prior to the grant of any patent on the pending reference application," in the event that any such patent granted on the pending reference application: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321, has all claims canceled by a reexamination certificate, is reissued, or is in any manner terminated prior to the expiration of its full statutory term as shortened by any terminal disclaimer filed prior to its grant.

The owner(s) of percent interest listed above in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term of prior patent number(s)

Patent #
9435273
10598101
11306667
11761390
11905896

as the term of said prior patent is presently shortened by any terminal disclaimer. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the prior patent are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of the term of any patent granted on the instant application that would extend to the expiration date of the full statutory term of the prior patent, "as the term of said prior patent is presently shortened by any terminal disclaimer," in the event that said prior patent later:

- expires for failure to pay a maintenance fee;
- is held unenforceable;
- is found invalid by a court of competent jurisdiction;
- is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321;
- has all claims canceled by a reexamination certificate;
- is reissued; or
- is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.



Terminal disclaimer fee under 37 CFR 1.20(d) included with Electronic Terminal Disclaimer request.

Applicant claims the following entity status:

Small

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I certify, in accordance with 37 CFR 1.4(d)(4) that I am: An attorney or agent registered to practice before the Patent and Trademark Office who is of record in this application

Signature

Name

Registration #

/Jacob Fritz/

Jacob Fritz

71459

* Statement under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee (owner). Form PTO/SB/96 may be used for making this certification. See MPEP 324.



Commissioner for Patents
United States Patent and Trademark Office
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Alexandria, VA 22313 - 1450
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APPROVAL LETTER

APPLICATION #
18/443,530

FILING DATE
02/16/2024

APPLICANT/PATENT UNDER REEXAMINATION
Mark Sarder

Title of Invention

DUAL FUEL SELECTOR SWITCH

Electronic terminal disclaimer filed on 06/28/2024

☒ Approved

This patent is subject to a Terminal Disclaimer

Approved / Disapproved by: Electronic Terminal Disclaimer automatically approved



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ELECTRONIC PAYMENT RECEIPT

APPLICATION #
18/443,530

RECEIPT DATE / TIME
06/28/2024 06:05:57 PM Z ET

ATTORNEY DOCKET #
CET1090.124

Title of Invention

DUAL FUEL SELECTOR SWITCH

Application Information

APPLICATION TYPE Utility - Nonprovisional Application
under 35 USC 111(a)

PATENT # -

CONFIRMATION # 3492

FILED BY Jacob Fritz

PATENT CENTER # 66163101

AUTHORIZED BY -

CUSTOMER # 26629

FILING DATE 02/16/2024

CORRESPONDENCE ADDRESS -

FIRST NAMED INVENTOR Mark J. Sarder

Payment Information

PAYMENT METHOD
CARD / 4529

PAYMENT TRANSACTION ID
E20246RI06477603

PAYMENT AUTHORIZED BY
Jacob Fritz

FEE CODE	DESCRIPTION	ITEM PRICE(\$)	QUANTITY	ITEM TOTAL(\$)
2814	STATUTORY DISCLAIMER, INCLUDING TERMINAL DISCLAIMER	170.00	1	170.00
TOTAL AMOUNT:				\$170.00

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.



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ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #
18/443,530

RECEIPT DATE / TIME
06/28/2024 06:05:57 PM Z ET

ATTORNEY DOCKET #
CET1090.124

Title of Invention

DUAL FUEL SELECTOR SWITCH

Application Information

APPLICATION TYPE Utility - Nonprovisional Application
under 35 USC 111(a)

PATENT # -

CONFIRMATION # 3492

FILED BY Jacob Fritz

PATENT CENTER # 66163101

FILING DATE 02/16/2024

CUSTOMER # 26629

FIRST NAMED
INVENTOR Mark J. Sarder

CORRESPONDENCE
ADDRESS -

AUTHORIZED BY -

Documents

TOTAL DOCUMENTS: 2

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
petition-request.pdf	3	Terminal Disclaimer-Filed (Electronic)	50 KB
grantLetter.pdf	1	Terminal Disclaimer-Electronic- Approved	19 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
petition-request.pdf	43B443411D648A50C49AEA047E748292DD8ED74361BDA569C 3BF94A2049436893889F7B6BAC18EC6FF67ACF92CCF85BCAA

11A957B076A8F0330C165D92C22FDB

grantLetter.pdf

372F93D05906C907CACDC2C0EF350F17A4CD262E6277F348E
20B9EC7CFB0C7419E61DC93A86DC1710347932406BA4441FB
8B8EE317AE9A01BF4386B79306C151

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New International Application Filed with the USPTO as a Receiving Office

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Doc Code: ECOMM.AUTH/ECOMM.WTDW

Doc Description: Internet Communications Authorization/Internet Communications Authorization Withdrawal

PTO/SB/439 (11-15)

AUTHORIZATION FOR INTERNET COMMUNICATIONS IN A PATENT APPLICATION OR REQUEST TO WITHDRAW AUTHORIZATION FOR INTERNET COMMUNICATIONS	Application No.	18443530
	Filing Date	2024-02-16
	First Named Inventor	Mark J. Sarder
	Art Unit	3747
	Examiner Name	SYED O HASAN
	Practitioner Docket No.	CET1090.124

To: Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I. To authorize permission for Internet Communications.

☒ Recognizing that Internet communications are not secure, I hereby authorize the USPTO to communicate with the undersigned and practitioners in accordance with 37 CFR 1.33 and 37 CFR 1.34 concerning any subject matter of this application via video conferencing, instant messaging, or electronic mail. I understand that a copy of these communications will be made of record in the application file. (MPEP 502.03)

II. To withdraw authorization for Internet Communications.

☐ The authorization given on _____, to the USPTO to communicate with the undersigned and any practitioner in accordance with 37 CFR 1.33 and 37 CFR 1.34 concerning any subject matter of this application via Internet communications such as video conferencing, instant messaging, or electronic mail is hereby withdrawn. I understand that the withdrawal is effective when approved rather than when received.

I am the

☐ applicant.

☒ attorney or agent of record. Registration number 71459.

☐ attorney or agent acting under 37 CFR 1.34. Registration number _____.

/Jacob M. Fritz/

2024-06-27

Signature

Date

Jacob M. Fritz

262-268-8100

Typed or printed name

Telephone Number

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. Juristic entities must be represented by a patent practitioner (see 37 CFR 1.31, which is applicable to any paper filed on or after September 16, 2012, that is presented on behalf of a juristic entity, regardless of application filing date). Submit multiple forms if more than one signature is required, see below*.

☒ * Total of 1 forms are submitted.

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.



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ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #
18/443,530

RECEIPT DATE / TIME
06/27/2024 04:23:28 PM Z ET

ATTORNEY DOCKET #
CET1090.124

Title of Invention

DUAL FUEL SELECTOR SWITCH

Application Information

APPLICATION TYPE Utility - Nonprovisional Application
under 35 USC 111(a)

PATENT # -

CONFIRMATION # 3492

FILED BY Robyn Templin

PATENT CENTER # 66152828

FILING DATE 02/16/2024

CUSTOMER # 26629

FIRST NAMED
INVENTOR Mark J. Sarder

CORRESPONDENCE
ADDRESS -

AUTHORIZED BY Jacob Fritz

Documents

TOTAL DOCUMENTS: 1

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
2024.06.27 Internet Comm Auth.pdf	2	Internet Communications Authorization	194 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
2024.06.27 Internet Comm Auth.pdf	9CF4ADA78FF4ED9EFD53588EC1E4B03765E7C2CC79F0FA24 C5F3FA284584DCFB2BF442315014E5769F6BAE81A84DFD2BB 6E496D9933CBF8A99D170F1D64961F8

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National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.



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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
18/443,530	02/16/2024	Mark J. Sarder	CET1090.124

CONFIRMATION NO. 3492

26629
ZIOLKOWSKI PATENT SOLUTIONS GROUP, SC (ZPS)
136 S WISCONSIN ST
PORT WASHINGTON, WI 53074

PUBLICATION NOTICE



OC000000073595636

Date Mailed: 06/06/2024

Title:DUAL FUEL SELECTOR SWITCH

Publication No.US-2024-0183321-A1

Publication Date:06/06/2024

NOTICE OF PUBLICATION OF APPLICATION

The above-identified application will be electronically published as a patent application publication pursuant to 37 CFR 1.211, et seq. The patent application publication number and publication date are set forth above.

The publication may be viewed using the USPTO's publicly available Searchable Databases via the Patent Public Search tool at www.uspto.gov. The direct link to access the Patent Public Search tool is currently <https://ppubs.uspto.gov/pubwebapp/static/pages/ppubsbasic.html>.

The publication process established by the Office does not provide for mailing a copy of the publication to applicant. A copy of the publication may be obtained from the Office upon payment of the appropriate fee set forth in 37 CFR 1.19(a)(1). Orders for copies of patent application publications are handled by the USPTO's Public Records Division. The Public Records Division can be reached by telephone at (571) 272-3150 or (800) 972-6382, by facsimile at (571) 273-3250, by mail addressed to the United States Patent and Trademark Office, Public Records Division, Alexandria, VA 22313-1450 or via the Internet.

In addition, information on the status of the application, including the mailing date of Office actions and the dates of receipt of correspondence filed in the Office, may also be accessed via the Internet through Patent Center, the USPTO's electronic patent application filing and management system. The direct link to access this status information is currently <https://patentcenter.uspto.gov/>. Prior to publication, such status information is confidential and may only be obtained by applicant using the private side of Patent Center.

Further assistance in electronically accessing the publication, or about Patent Center, is available by calling the Patent Electronic Business Center at 1-866-217-9197.

Office of Data Managment, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101



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Alexandria, Virginia 22313-1450

APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR/ PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
18/443,530	02/16/2024	Sarder et al.	CET1090.124

ZIOLKOWSKI PATENT SOLUTIONS GROUP, SC (ZPS) 136 S WISCONSIN ST PORT WASHINGTON, WI 53074		EXAMINER	
		--	
		ART UNIT	PAPER
		--	20240427- Ex5a7N

DATE MAILED: 27 April 2024

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner for Patents

PTO-90C (Rev.04-03)

Notice of Potential Erroneous Release of Patent Application Titles

On February 5, 2024, the United States Patent and Trademark Office (USPTO), replaced the Electronic Patent Assignment System (EPAS) and Electronic Trademark Assignment System (ETAS) with Assignment Center.

Between February 5, 2024 and March 29, 2024, the USPTO, unintentionally, through a computer programming error, permitted bibliographic information to be viewed by unauthorized individuals with access to registered Assignment Center accounts. This bibliographic information was limited to the application number (the two-digit series code plus the six-digit serial number) and title of the invention.

You are receiving this notification because your application's patent title may have been viewed during that time frame by individual(s) who lacked permission to do so. The software error was first reproduced by USPTO on March 28, 2024, and was corrected on March 29, 2024. Only application numbers and titles were disclosed; it is important to note that your specification and claims were not part of the information made available and were not accessed.

Any improper access of the application information between the dates of February 5, 2024 and March 29, 2024, is not considered a publication of such applications under 35 U.S.C. 122(b). No rights in United States patents are threatened by the access to unpublished applications. It is extremely unlikely that the title could disclose the invention in a way that would constitute patent-defeating prior art in any jurisdiction. To the extent any issue is raised, the USPTO will assist applicants by confirming that the disclosure was erroneous and inadvertent.

We're committed to data security and are taking enhanced steps to prevent incidents such as this from happening in the future. The USPTO sincerely regrets this error and is instituting more testing controls, both manual and automated testing, to prevent similar processing errors in the future.

Inquiries regarding this matter may be directed to Mark Polutta, Senior Legal Advisor, at (571) 272-7709 or Andrew Stclair, Legal Advisor, at (571) 270-0238, both of the Office of Patent Legal Administration or via email addressed to Patent.Practice@uspto.gov.



Henry "Jamie" Holcombe
Chief Information Officer
US Patent and Trademark Office
Office +1 (571) 272-9400



Dated: April 27th, 2024



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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P.O. Box 1450
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APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLAIMS	IND CLAIMS
18/443,530	02/16/2024		824	CET1090.124	9	1

CONFIRMATION NO. 3492

FILING RECEIPT



OC000000069026512

26629
ZIOLKOWSKI PATENT SOLUTIONS GROUP, SC (ZPS)
136 S WISCONSIN ST
PORT WASHINGTON, WI 53074

Date Mailed: 03/01/2024

Receipt is acknowledged of this non-provisional utility patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF FIRST INVENTOR, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection.

Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a corrected Filing Receipt, including a properly marked-up ADS showing the changes with strike-through for deletions and underlining for additions. If you received a "Notice to File Missing Parts" or other Notice requiring a response for this application, please submit any request for correction to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections provided that the request is grantable.

Inventor(s)

Mark J. Sarder, Waukesha, WI;
Leigh Jenison, Hartland, WI;
Ian Schmit, Cedarburg, WI;

Applicant(s)

Champion Power Equipment, Inc., Santa Fe Springs, CA;

Power of Attorney: The patent practitioners associated with Customer Number 26629

Domestic Priority data as claimed by applicant

This application is a CON of 18/330,807 06/07/2023 PAT 11,905,896
which is a CON of 17/651,245 02/16/2022 PAT 11,761,390
which is a CON of 16/789,722 02/13/2020 PAT 11,306,667
which is a CON of 15/015,205 02/04/2016 PAT 10,598,101
which is a CON of 14/069,747 11/01/2013 PAT 9,435,273

Foreign Applications for which priority is claimed (You may be eligible to benefit from the Patent Prosecution Highway program at the USPTO. Please see <http://www.uspto.gov> for more information.) - None.

Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

Permission to Access Application via Priority Document Exchange: Yes

Permission to Access Search Results: Yes

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

If Required, Foreign Filing License Granted: 02/29/2024

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 18/443,530**

Projected Publication Date: 06/06/2024

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****

Title

DUAL FUEL SELECTOR SWITCH

Preliminary Class

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific

page 2 of 4

countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4258).

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Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15

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NOT GRANTED

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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875						Application or Docket Number 18/443,530			
APPLICATION AS FILED - PART I									
(Column 1)		(Column 2)		SMALL ENTITY		OTHER THAN SMALL ENTITY			
FOR	NUMBER FILED	NUMBER EXTRA		RATE(\$)	FEE(\$)		RATE(\$)		
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A		N/A	64		N/A		
SEARCH FEE (37 CFR 1.16(k), (l), or (m))	N/A	N/A		N/A	280		N/A		
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A		N/A	320		N/A		
TOTAL CLAIMS (37 CFR 1.16(i))	9	minus 20 =	*	0					
INDEPENDENT CLAIMS (37 CFR 1.16(h))	1	minus 3 =	*		0				
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).				0				
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))					0				
* If the difference in column 1 is less than zero, enter "0" in column 2.				TOTAL	664		TOTAL		
APPLICATION AS AMENDED - PART II									
(Column 1)		(Column 2)		(Column 3)		SMALL ENTITY		OTHER THAN SMALL ENTITY	
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE(\$)	ADDITIONAL FEE(\$)		RATE(\$)	ADDITIONAL FEE(\$)	
	Total (37 CFR 1.16(i))	*	Minus	**	=		x	=	
	Independent (37 CFR 1.16(h))	*	Minus	***	=		x	=	
	Application Size Fee (37 CFR 1.16(s))								
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))								
	TOTAL ADD'L FEE						TOTAL ADD'L FEE		
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE(\$)	ADDITIONAL FEE(\$)		RATE(\$)	ADDITIONAL FEE(\$)	
	Total (37 CFR 1.16(i))	*	Minus	**	=		x	=	
	Independent (37 CFR 1.16(h))	*	Minus	***	=		x	=	
	Application Size Fee (37 CFR 1.16(s))								
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))								
	TOTAL ADD'L FEE						TOTAL ADD'L FEE		
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20". *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3". The "Highest Number Previously Paid For" (Total or Independent) is the highest found in the appropriate box in column 1.									



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Under Secretary of Commerce for Intellectual Property and
Director of the United States Patent and Trademark Office

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Kathi Vidal

Under Secretary of Commerce for Intellectual Property and
Director of the United States Patent and Trademark Office

Derrick Brent

Deputy Under Secretary of Commerce for Intellectual Property and
Deputy Director of the United States Patent and Trademark Office

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Application Data Sheet 37 CFR 1.76		Attorney Docket Number	CET1090.124
		Application Number	
Title of Invention	DUAL FUEL SELECTOR SWITCH		
The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.			

Secrecy Order 37 CFR 5.2:

☐ Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)
--

Inventor Information:

Inventor 1					Remove	
Legal Name						
Prefix	Given Name	Middle Name	Family Name	Suffix		
	Mark	J.	Sarder			
Residence Information (Select One) ☒ US Residency ☐ Non US Residency ☐ Active US Military Service						
City	Waukesha	State/Province	WI	Country of Residence	US	
Mailing Address of Inventor:						
Address 1		208 Oxford Rd				
Address 2						
City	Waukesha	State/Province	WI			
Postal Code	53186	Country	US			
Inventor 2					Remove	
Legal Name						
Prefix	Given Name	Middle Name	Family Name	Suffix		
	Leigh		Jenison			
Residence Information (Select One) ☒ US Residency ☐ Non US Residency ☐ Active US Military Service						
City	Hartland	State/Province	WI	Country of Residence	US	
Mailing Address of Inventor:						
Address 1		W245 N5551 S Corp. Circle				
Address 2						
City	Sussex	State/Province	WI			
Postal Code	53089	Country	US			
Inventor 3					Remove	
Legal Name						
Prefix	Given Name	Middle Name	Family Name	Suffix		
	Ian		Schmit			
Residence Information (Select One) ☒ US Residency ☐ Non US Residency ☐ Active US Military Service						

Application Data Sheet 37 CFR 1.76		Attorney Docket Number		CET1090.124	
		Application Number			
Title of Invention	DUAL FUEL SELECTOR SWITCH				
City	Cedarburg	State/Province	WI	Country of Residence ⁱ	US
Mailing Address of Inventor:					
Address 1		W245 N5551 S Corp. Circle			
Address 2					
City	Sussex	State/Province	WI		
Postal Code	53089	Country ⁱ	US		
All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button.					Add

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below. For further information see 37 CFR 1.33(a).			
☐ An Address is being provided for the correspondence Information of this application.			
Customer Number	26629		
Email Address		Add Email	Remove Email

Application Information:

Title of the Invention	DUAL FUEL SELECTOR SWITCH		
Attorney Docket Number	CET1090.124	Small Entity Status Claimed	☒
Application Type	Nonprovisional		
Subject Matter	Utility		
Total Number of Drawing Sheets (if any)		Suggested Figure for Publication (if any)	
Filing By Reference:			
Only complete this section when filing an application by reference under 35 U.S.C. 111(c) and 37 CFR 1.57(a). Do not complete this section if application papers including a specification and any drawings are being filed. Any domestic benefit or foreign priority information must be provided in the appropriate section(s) below (i.e., "Domestic Benefit/National Stage Information" and "Foreign Priority Information").			
For the purposes of a filing date under 37 CFR 1.53(b), the description and any drawings of the present application are replaced by this reference to the previously filed application, subject to conditions and requirements of 37 CFR 1.57(a).			
Application number of the previously filed application	Filing date (YYYY-MM-DD)	Intellectual Property Authority or Country	

Publication Information:

☐ Request Early Publication (Fee required at time of Request 37 CFR 1.219)
☐ Request Not to Publish. I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	CET1090.124
		Application Number	
Title of Invention	DUAL FUEL SELECTOR SWITCH		

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer Number will be used for the Representative Information during processing.			
Please Select One:	☒ Customer Number	☐ US Patent Practitioner	☐ Limited Recognition (37 CFR 11.9)
Customer Number	26629		

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, 365(c), or 386(c) or indicate National Stage entry from a PCT application. Providing benefit claim information in the Application Data Sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78.

When referring to the current application, please leave the "Application Number" field blank.

Prior Application Status	Pending		Remove		
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)		
	Continuation of	18330807	2023-06-07		
Prior Application Status	Patented		Remove		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
18330807	Continuation of	17651245	2022-02-16	11761390	2023-09-19
Prior Application Status	Patented		Remove		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
17651245	Continuation of	16789722	2020-02-13	11306667	2022-04-19
Prior Application Status	Patented		Remove		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
16789722	Continuation of	15015205	2016-02-04	10598101	2020-03-24
Prior Application Status	Patented		Remove		
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
15015205	Continuation of	14069747	2013-11-01	9435273	2016-09-06
Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the Add button.					Add

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	CET1090.124
		Application Number	
Title of Invention	DUAL FUEL SELECTOR SWITCH		

Foreign Priority Information:

This section allows for the applicant to claim priority to a foreign application. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55. When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX)ⁱ the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(i)(1) and (2). Under the PDX program, applicant bears the ultimate responsibility for ensuring that a copy of the foreign application is received by the Office from the participating foreign intellectual property office, or a certified copy of the foreign priority application is filed, within the time period specified in 37 CFR 1.55(g)(1).

			Remove
Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Access Code ⁱ (if applicable)
Additional Foreign Priority Data may be generated within this form by selecting the Add button.			Add

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications

This application (1) claims priority to or the benefit of an application filed before March 16, 2013 and (2) also contains, or contained at any time, a claim to a claimed invention that has an effective filing date on or after March 16, 2013. ☐ NOTE: By providing this statement under 37 CFR 1.55 or 1.78, this application, with a filing date on or after March 16, 2013, will be examined under the first inventor to file provisions of the AIA.
--

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	CET1090.124
		Application Number	
Title of Invention	DUAL FUEL SELECTOR SWITCH		

Authorization or Opt-Out of Authorization to Permit Access:

When this Application Data Sheet is properly signed and filed with the application, applicant has provided written authority to permit a participating foreign intellectual property (IP) office access to the instant application-as-filed (see paragraph A in subsection 1 below) and the European Patent Office (EPO) access to any search results from the instant application (see paragraph B in subsection 1 below).

Should applicant choose not to provide an authorization identified in subsection 1 below, applicant **must opt-out** of the authorization by checking the corresponding box A or B or both in subsection 2 below.

NOTE: This section of the Application Data Sheet is **ONLY** reviewed and processed with the **INITIAL** filing of an application. After the initial filing of an application, an Application Data Sheet cannot be used to provide or rescind authorization for access by a foreign IP office(s). Instead, Form PTO/SB/39 or PTO/SB/69 must be used as appropriate.

1. Authorization to Permit Access by a Foreign Intellectual Property Office(s)

A. Priority Document Exchange (PDX) - Unless box A in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the State Intellectual Property Office of the People's Republic of China (SIPO), the World Intellectual Property Organization (WIPO), and any other foreign intellectual property office participating with the USPTO in a bilateral or multilateral priority document exchange agreement in which a foreign application claiming priority to the instant patent application is filed, access to: (1) the instant patent application-as-filed and its related bibliographic data, (2) any foreign or domestic application to which priority or benefit is claimed by the instant application and its related bibliographic data, and (3) the date of filing of this Authorization. See 37 CFR 1.14(h)(1).

B. Search Results from U.S. Application to EPO - Unless box B in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the EPO access to the bibliographic data and search results from the instant patent application when a European patent application claiming priority to the instant patent application is filed. See 37 CFR 1.14(h)(2).

The applicant is reminded that the EPO's Rule 141(1) EPC (European Patent Convention) requires applicants to submit a copy of search results from the instant application without delay in a European patent application that claims priority to the instant application.

2. Opt-Out of Authorizations to Permit Access by a Foreign Intellectual Property Office(s)

☐ A. Applicant **DOES NOT** authorize the USPTO to permit a participating foreign IP office access to the instant application-as-filed. If this box is checked, the USPTO will not be providing a participating foreign IP office with any documents and information identified in subsection 1A above.

☐ B. Applicant **DOES NOT** authorize the USPTO to transmit to the EPO any search results from the instant patent application. If this box is checked, the USPTO will not be providing the EPO with search results from the instant application.

NOTE: Once the application has published or is otherwise publicly available, the USPTO may provide access to the application in accordance with 37 CFR 1.14.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	CET1090.124
		Application Number	
Title of Invention	DUAL FUEL SELECTOR SWITCH		

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.			
Applicant 1			Remove
If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.			
Clear			
☒ Assignee		☐ Legal Representative under 35 U.S.C. 117	☐ Joint Inventor
☐ Person to whom the inventor is obligated to assign.		☐ Person who shows sufficient proprietary interest	
If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:			
Name of the Deceased or Legally Incapacitated Inventor:			
If the Applicant is an Organization check here. ☒			
Organization Name	Champion Power Equipment, Inc.		
Mailing Address Information For Applicant:			
Address 1	12039 Smith Avenue		
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Application Data Sheet 37 CFR 1.76		Attorney Docket Number	CET1090.124
		Application Number	
Title of Invention	DUAL FUEL SELECTOR SWITCH		

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Application Data Sheet 37 CFR 1.76		Attorney Docket Number	CET1090.124
		Application Number	
Title of Invention	DUAL FUEL SELECTOR SWITCH		

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DUAL FUEL SELECTOR SWITCH

CROSS-REFERENCE TO RELATED APPLICATION

[0001] The present application is a continuation of, and claims priority to, U.S. Serial No. 18/330,807, filed on June 7, 2023, which is a continuation of, and claims priority to, U.S. Serial No. 17/651,245, filed on February 16, 2022, now U.S. Patent No. 11,761,390, issued September 19, 2023, which is a continuation of, and claims priority to, U.S. Patent Application Serial No. 16/789,722, filed on February 13, 2020, now U.S. Patent No. 11,306,667, issued April 19, 2022, which is a continuation of, and claims priority to, U.S. Patent Application Serial No. 15/015,205, filed on February 4, 2016, now U.S. Patent No. 10,598,101, issued March 24, 2020, which is a continuation of, and claims priority to, U.S. Patent Application Serial No. 14/069,747, filed on November 1, 2013, now U.S. Patent No. 9,435,273, issued September 6, 2016, the disclosures of which are incorporated herein by reference in their entirety.

BACKGROUND OF THE INVENTION

[0002] Embodiments of the invention relate generally to dual fuel generators and, more particularly, to a selector switch for use on a dual fuel generator that is configured to ensure that only one type of fuel may be in use at a given time in the generator.

[0003] Engine-driven, electrical generators are used in a wide variety of applications. Typically, an electrical generator utilizes a single driving engine directly coupled to a generator or alternator through a common shaft. Upon activation of the generator, a fuel and air mixture is provided to the combustion chambers of corresponding cylinders of the engine. The fuel mixture in each combustion chamber is ignited causing an explosion within the cylinders. The explosive forces within the combustion chambers in the cylinders cause linear motion of the pistons within their corresponding cylinders. The linear motion of the pistons is converted into rotational motion by a crankshaft that, in turn, drives the alternator. As is conventional, the driven alternator generates electrical power.

[0004] Certain generators are defined as “dual fuel” generators that include an engine having the ability to be fueled with either of two fuels, such as either gasoline or liquefied petroleum gas (LPG), for example. These “dual fuel” engines may selectively operate on gasoline or LPG as desired and controlled by an operator, such as being operated on LPG/gasoline for a first period of operation and selectively switching over to the other of LPG/gasoline for another period of operation, with such a switching of fuels being controlled as desired by an operator. Typical dual fuel generators utilize separate valves for each fuel type, such as an LPG valve and a gasoline valve, to control flow of the respective fuels to the engine. While the existence of two separate valves allows one fuel type to have its valve “on” while the other has its valve “off,” there is nothing to prevent both valves from being “on” at the same time. As such, it is possible for both valves to be in the “on” position, which can lead to a potentially unsafe condition resulting from the mixture of the fuels.

[0005] Therefore, it would be desirable to provide a dual fuel generator with a selector switch that would prohibit the mixing of two differing types of fuels. It would further be desirable for such a selector switch to inhibit positioning/actuation of the valves in such a manner that the valve for a first fuel source is prevented from being “on” when the valve for a second fuel source is “on”, and vice versa.

BRIEF DESCRIPTION OF THE INVENTION

[0006] In accordance with one aspect of the invention, a fuel selector for use with a dual fuel generator includes a selector plate, a first fuel valve assembly positioned adjacent the selector plate and actuatable between an ON position and an OFF position to selectively control a first fuel flow to an engine of the dual fuel generator, and a second fuel valve assembly positioned adjacent the selector plate and actuatable between an ON position and an OFF position to selectively control a second fuel flow to the engine of the dual fuel generator. The fuel selector also includes a selector switch coupled to the selector plate so as to be linearly translatable from a first position to a second position, wherein translation of the selector switch between the first and second positions enables positioning of only one of the first fuel valve assembly and the second fuel valve assembly in the ON position at a given time, such that the first and second fuel valve assemblies cannot be in the ON position concurrently.

[0007] In accordance with another aspect of the invention, a method of controlling fuel flow in a dual fuel generator includes providing a first fuel valve assembly to control fuel flow from a first fuel source to an internal combustion engine of the dual fuel generator, the first fuel valve assembly including a first fuel valve handle movable between an ON position and an OFF position to control fuel flow from the first fuel source to the internal combustion engine. The method also includes providing a second fuel valve assembly to control fuel flow from a second fuel source to the internal combustion engine of the dual fuel generator, the second fuel valve assembly including a second fuel valve handle movable between an ON position and an OFF position to control fuel flow from the second fuel source to the internal combustion engine. The method further includes providing a fuel selector switch adjacent the first fuel valve assembly and the second fuel valve assembly such that the fuel selector switch is translatable to a first position and a second position, wherein the fuel selector switch is translatable between the first position and the second position to selectively inhibit actuation of the first fuel valve handle and the second fuel valve handle, so as to prevent a simultaneous flow of fuels from the first and second fuel sources to the internal combustion engine.

[0008] In accordance with yet another aspect of the invention, a dual fuel generator includes a first fuel source, a second fuel source, and an internal combustion engine coupled to the first fuel source and the second fuel source to selectively receive fuel therefrom. The dual fuel generator also includes a fuel selector configured to control a flow of fuel from the first and second fuel sources to the internal combustion engine, with the fuel selector comprising a first fuel valve assembly including a first fuel valve and a first fuel valve handle that is actuatable between an open position and a closed position to selectively open and close the first fuel valve, a second fuel valve assembly including a second fuel valve and a second fuel valve handle that is actuatable between an open position and a closed position to selectively open and close the second fuel valve, a selector plate having the first fuel valve assembly and the second fuel valve assembly coupled to a front side thereof, and a selector switch slideably coupled to the selector plate so as to be movable from a first position to a second position. Positioning of the selector switch in the first position causes the selector switch to cover the second fuel valve handle so as to prevent the second fuel valve handle from moving to the open position and positioning of the selector switch in the second position causes the selector switch to cover the first fuel valve handle so as to prevent the first fuel valve handle from moving to the open position.

[0009] These and other advantages and features will be more readily understood from the following detailed description of preferred embodiments of the invention that is provided in connection with the accompanying drawings.

BRIEF DESCRIPTION OF THE DRAWINGS

[0010] The drawings illustrate embodiments presently contemplated for carrying out the invention.

[0011] In the drawings:

[0012] FIG. 1 is a perspective view of a dual fuel generator, according to an embodiment of the invention.

[0013] FIG. 2 is a partial view of the dual fuel generator of FIG. 1, according to an embodiment of the invention.

[0014] FIG. 3 is a front perspective view of a fuel selector for use with the dual fuel generator of FIG. 1, according to an embodiment of the invention.

[0015] FIG. 4 is a front perspective view of a selector switch for use with the fuel selector of FIG. 3, according to an embodiment of the invention.

[0016] FIG. 5 is a front perspective view of the fuel selector of FIG. 3 with the selector switch in a first position, according to an embodiment of the invention.

[0017] FIG. 6 is a front perspective view of the fuel selector of FIG. 3 with the selector switch in a second position, according to an embodiment of the invention.

DETAILED DESCRIPTION

[0018] Referring first to FIGS. 1 and 2, a dual fuel generator 10 is illustrated, according to an embodiment of the invention – with a perspective view of the generator 10 being shown in FIG. 1 and a more detailed partial view of the generator 10 being shown in FIG. 2 to further illustrate features thereof. Dual fuel generator 10 includes an internal combustible engine 12 operatively connected to an alternator 14 in a conventional manner. The engine 12 includes pistons (not shown) that are slideably received within corresponding cylinders (not shown) thereof, with each cylinder further including an intake valve for admitting a fuel-air mixture and an exhaust valve for venting exhaust gases following combustion. The fuel-air mixture is provided by a carburetor 16 that includes a movable throttle, with a position of the throttle regulating the amount of fuel and air admitted into the cylinders and thus the speed and power developed by the engine 12 when the air-fuel mixture is ignited to generate reciprocal movement of the pistons. The reciprocal movement of the pistons of engine 12 is translated to rotational movement by a crankshaft (not shown) that, in turn, drives the alternator 14, so as to generate an electrical output power from the generator 10.

[0019] As the generator 10 is a dual fuel generator, the engine 12 is designed to use different fuels from either a first fuel source 18 or a second fuel source 20. In an exemplary embodiment of the invention, first fuel source 18 supplies a liquefied petroleum gas (LPG) to the engine 12 and second fuel source 20 supplies gasoline to the engine 12, with the generator 10 selectively operating on LPG or gasoline as desired and controlled by an operator, such as for example operating on LPG for a first period of operation and then switching over to gasoline for another period of operation. However, it is contemplated that the first fuel source 18 and/or second fuel source 20 may be other types of fuel sources (e.g., natural gas, biodiesel, etc.), according to additional embodiments of the invention – and thus the scope of the invention is not meant to be limited strictly to a gasoline-LPG dual fuel embodiment.

[0020] For selectively controlling the flow of gasoline and LPG to the engine 12, dual fuel generator 10 includes a fuel selector 22 constructed to provide for selection of

a desired fuel source 18, 20 for supplying fuel to engine 12. The fuel selector 22 not only provides for selection of a desired fuel source 18, 20 for supplying fuel to engine 12, but also selectively restricts the selection of a fuel source so as to enable the use of only one fuel at a time. As a result, fuel from first fuel source 18 cannot flow to engine 12 while fuel from second fuel source 20 is flowing to engine 12, and vice versa.

[0021] The fuel selector 22 of generator 10 is shown in greater detail in FIGS. 3-6 according to an embodiment of the invention. In general, the fuel selector 22 includes a first valve assembly 24, a second valve assembly 26, a selector plate 28, a selector switch 30, and a carburetor solenoid switch 32. These elements of the fuel selector 22 collectively function to provide for selective control of a fuel flow (of gasoline or LPG) to the engine 12, with the fuel selector 22 enabling selection of a desired fuel source 18, 20 to provide a fuel flow therefrom while also inhibiting the selection of the other fuel source 18, 20 so as to prevent a fuel flow therefrom, thereby enabling only a single fuel to flow to the engine 12 at one time.

[0022] Referring first to FIG. 3, a front view of fuel selector 22 is shown with selector switch 30 removed therefrom, so as to best illustrate the construction of the first valve assembly 24 and the second valve assembly 26. The first valve assembly 24 and the second valve assembly 26 are attached, respectively, to first fuel source 18 and second fuel source 20 to selectively control a flow of fuel from the fuel sources to the engine 12. First valve assembly 24 includes a first fuel valve handle 34 that is operatively connected to a first fuel valve 36 to control an opening and closing of the first fuel valve. Similarly, second valve assembly 26 includes a second fuel valve handle 38 that is operatively connected to a second fuel valve 40 to control an opening and closing of the second fuel valve.

[0023] Each of the first valve assembly 24 and the second valve assembly 26 are movable between an ON position and an OFF position to control opening and closing of their respective fuel valve. More specifically, first and second fuel valve handles 34, 38 are movable between an ON position and an OFF position, with the fuel valves 36, 40 being open (to enable fuel flow to the engine 12) when their respective fuel valve

handle 34, 38 is in the ON position and being closed (to prevent fuel flow to the engine 12) when their respective fuel valve handle 34, 38 is in the OFF position. Thus, when first fuel valve handle 34 is in an ON position, first fuel valve 36 is open and allows the fuel from first fuel source 18 to flow to the engine 12, and when second fuel valve handle 38 is in an ON position, second fuel valve 40 is open and allows the fuel from second fuel source 20 to flow to the engine 12.

[0024] In the preferred embodiments of the invention, first valve assembly 24 and second valve assembly 26 are located adjacent to each other on the same horizontal plane or parallel horizontal planes. In such an embodiment, first valve assembly 24 is in the ON position when first fuel valve handle 34 is moved to a vertical orientation/position and first valve assembly 24 is in an OFF position when first fuel valve handle 34 is moved to a horizontal orientation/position. Similarly, second valve assembly 26 is in the ON position when second fuel valve handle 38 is moved to a vertical orientation/position second valve assembly 26 is in an OFF position when second fuel valve handle 38 is moved to a horizontal orientation/position. It is recognized, however, that an alternative embodiment of the invention may have first valve assembly 24 and second valve assembly 26 located adjacent to each other on the same vertical plane or parallel vertical planes. One having ordinary skill in the art would recognize that in such an alternative embodiment of the invention, first and second valve assemblies 24 would be in the ON position when their respective fuel valve handles 34, 38 are horizontal, and would be in the OFF position when their respective fuel valve handles 34, 38 are vertical.

[0025] As shown in FIG. 3, first valve assembly 24 and second valve assembly 26 are positioned adjacent to the selector plate 28 of fuel selector 22. The selector plate 28 may be integrally formed as part of a larger outer frame assembly of generator 10 or may be an insert attachable to such a frame assembly. Openings 42 are formed in selector plate 28 so as to accommodate positioning of the first valve assembly 24 and second valve assembly 26 – with the openings 42 enabling positioning of first and second fuel valve handles 34, 38 in front of selector plate 28, such that they may be actuated by an operator of the generator 10 in order to open/close their respective valves

36, 40. Selector plate 28 also includes slots or grooves 44 formed therein that are positioned both above and below the first and second fuel valve handles 34, 38, with the slots 44 extending generally in a lengthwise fashion along a length of the selector plate 28. Each of the slots 44 is configured to receive a protrusion or flange formed on selector switch 30, such that the selector switch 30 can be slideably coupled to the selector plate 28 – with the selector switch 30 being translatable in a linear fashion by way of its mating with the slots 44.

[0026] Detailed views of the selector switch 30 and of its mating with the selector plate 28 are shown in FIGS. 4-6. Referring first to FIG. 4, the general structure of selector switch 30 is shown according to an exemplary embodiment. Protrusions or flanges 46 are formed on each of top and bottom surfaces of the selector switch 30 that are configured to mate with the corresponding slots 44 formed in selector plate 28 (FIG. 3). The protrusions 46 may be flexible so as to accommodate coupling of the selector switch 30 to the selector plate 28. A front surface 48 of selector switch 30 includes finger-hold depressions 50 formed therein that accommodate the fingers of an operator, with the finger-holds providing a convenient feature by which the operator can operate (i.e., slide) the selector switch 30. A back surface 52 of the selector switch 30 includes a groove or channel 54 formed therein having a width and depth sufficient to receive the first and second fuel valve handles 34, 38 therein when in their horizontal position (i.e., the OFF position). The groove 54 is further sized and configured such that the first and second fuel valve handles 34, 38 will not fit therein when in their vertical position (i.e., the ON position).

[0027] Positioning of the selector switch 30 relative to the selector plate 28 and first and second valve assemblies 24, 26 is shown in FIGS. 5 and 6. As shown therein, positioning of the first valve assembly 24 and second valve assembly 26 adjacent selector plate 28 – and on the same horizontal plane - provides for selective positioning of the selector switch 30 relative to the fuel valve handles 34, 38 in what are generally referred to hereafter as a first position and a second position 56, 58. The selector switch 30 is translatable in a horizontal motion – via a sliding motion within slots 44 of the selector plate 28 – from the first position 56 (FIG. 5) to the second position 58 (FIG. 6)

to selectively restrict actuation of the first and second fuel valve handles 34, 38. As the groove 54 formed in selector switch 30 is configured such that the first and second fuel valve handles 34, 38 will not fit therein when in their vertical position (i.e., the ON position), it is recognized that in order to translate the selector switch 30 back and forth between the first and second positions 56, 58, both of the fuel valve handles 34, 38 must be in their horizontal OFF position.

[0028] In FIG. 5, selector switch 30 is illustrated in the first position 56. When selector switch 30 is in first position 56, selector switch 30 covers second fuel valve handle 38, and groove 54 formed on the back surface 52 of the fuel selector switch 30 locks second fuel valve handle 38 in an OFF position, so as to prohibit the second valve assembly 26 from moving to the ON position. Further, when selector switch 30 is in first position 56, first valve assembly 24 is able to move freely between the ON position and the OFF position, with the first fuel valve handle 34 being actuatable by the operator. In one embodiment of the invention, when first valve assembly 24 is in the ON position, first fuel valve handle 34 is in a vertical position and prevents selector switch 30 from moving horizontally from first position 56 to second position 58.

[0029] In operation, when selector switch 30 is moved from second position 58 into first position 56, second fuel valve handle 38 slides into the groove 54 formed in selector switch 30. As a result, when selector switch 30 is in first position 56, second fuel valve handle 38 is unable to move, as it is locked in place by groove 54, and second valve assembly 26 is locked in the OFF position, with movement from the OFF position to the ON position being prohibited.

[0030] In FIG. 6, selector switch 30 is illustrated in the second position 58. When selector switch 30 is in second position 58, selector switch 30 covers first fuel valve handle 34, and groove 54 formed on the back surface 52 of the fuel selector switch 30 locks first fuel valve handle 34 in an OFF position, so as to prohibit the first valve assembly 24 from moving to the ON position. In addition, when selector switch 30 is in second position 58, second valve assembly 26 is able to freely move between the ON position and the OFF position, with the second fuel valve handle 38 being actuatable by

the operator. In one embodiment of the invention, when second valve assembly 26 is in the ON position, second fuel valve handle 38 is in a vertical position and prevents selector switch 30 from moving horizontally from second position 58 to first position 56.

[0031] In operation, when selector switch 30 is moved from first position 56 into second position 58, first fuel valve handle 34 slides into groove 54 formed in selector switch 30. Therefore, when selector switch 30 is in second position 58, first fuel valve handle 34 is unable to move, as it is locked in place by groove 54, and first valve assembly 24 is locked in the OFF position, with movement from the OFF position to the ON position being prohibited.

[0032] Referring still now to FIG. 6, according to an exemplary embodiment of the invention, the fuel selector 22 of generator 10 further comprises a carburetor solenoid switch 32 that is positioned within an opening 60 formed in selector plate 28 so as to extend therethrough and is further positioned adjacent second valve assembly 26 (i.e., second fuel valve handle 38). As solenoid switch 32 is located adjacent to the second valve assembly 26 – which is in turn connected to the gasoline fuel source 20 – selector switch 30 covers and triggers solenoid switch 32 when slid from the second position 58 to the first position 56 – by depressing the solenoid switch 32 as it comes in contact therewith. When solenoid switch 32 is triggered, a carburetor shutoff solenoid operatively connected to the solenoid switch 32 is activated and shuts off the flow of gasoline to the carburetor 16 (FIG. 2). In the preferred embodiment of the invention, solenoid switch 32 is a depressible switch, but it is contemplated that solenoid switch 32 may be another type of switch that can be activated via interaction with selector switch 30 or via interaction with either valve handle 34, 38, so as to activate the carburetor shutoff solenoid.

[0033] Beneficially, the design of the fuel selector 22 and of the selector switch 30 described herein prevents differing fuels from two separate fuel sources from flowing to the engine of a dual fuel generator at the same time. The interaction of the selector switch 30 with the first and second fuel valve assemblies 24, 26 – with the selector

switch 30 sliding back and forth to selectively cover/engage first and second fuel valve assemblies 24, 26 - prohibits both valve assemblies from being in the "ON" position at the same time. The selector switch 30 is thus a foolproof device that prevents the mixing of fuels so as to provide additional safety to the usage of dual fuel generators.

[0034] Therefore, according to one embodiment of the invention, a fuel selector for use with a dual fuel generator includes a selector plate, a first fuel valve assembly positioned adjacent the selector plate and actuatable between an ON position and an OFF position to selectively control a first fuel flow to an engine of the dual fuel generator, and a second fuel valve assembly positioned adjacent the selector plate and actuatable between an ON position and an OFF position to selectively control a second fuel flow to the engine of the dual fuel generator. The fuel selector also includes a selector switch coupled to the selector plate so as to be linearly translatable from a first position to a second position, wherein translation of the selector switch between the first and second positions enables positioning of only one of the first fuel valve assembly and the second fuel valve assembly in the ON position at a given time, such that the first and second fuel valve assemblies cannot be in the ON position concurrently.

[0035] According to another embodiment of the invention, a method of controlling fuel flow in a dual fuel generator includes providing a first fuel valve assembly to control fuel flow from a first fuel source to an internal combustion engine of the dual fuel generator, the first fuel valve assembly including a first fuel valve handle movable between an ON position and an OFF position to control fuel flow from the first fuel source to the internal combustion engine. The method also includes providing a second fuel valve assembly to control fuel flow from a second fuel source to the internal combustion engine of the dual fuel generator, the second fuel valve assembly including a second fuel valve handle movable between an ON position and an OFF position to control fuel flow from the second fuel source to the internal combustion engine. The method further includes providing a fuel selector switch adjacent the first fuel valve assembly and the second fuel valve assembly such that the fuel selector switch is translatable to a first position and a second position, wherein the fuel selector switch is translatable between the first position and the second position to selectively inhibit

actuation of the first fuel valve handle and the second fuel valve handle, so as to prevent a simultaneous flow of fuels from the first and second fuel sources to the internal combustion engine.

[0036] According to yet another embodiment of the invention, a dual fuel generator includes a first fuel source, a second fuel source, and an internal combustion engine coupled to the first fuel source and the second fuel source to selectively receive fuel therefrom. The dual fuel generator also includes a fuel selector configured to control a flow of fuel from the first and second fuel sources to the internal combustion engine, with the fuel selector comprising a first fuel valve assembly including a first fuel valve and a first fuel valve handle that is actuatable between an open position and a closed position to selectively open and close the first fuel valve, a second fuel valve assembly including a second fuel valve and a second fuel valve handle that is actuatable between an open position and a closed position to selectively open and close the second fuel valve, a selector plate having the first fuel valve assembly and the second fuel valve assembly coupled to a front side thereof, and a selector switch slideably coupled to the selector plate so as to be movable from a first position to a second position. Positioning of the selector switch in the first position causes the selector switch to cover the second fuel valve handle so as to prevent the second fuel valve handle from moving to the open position and positioning of the selector switch in the second position causes the selector switch to cover the first fuel valve handle so as to prevent the first fuel valve handle from moving to the open position.

[0037] While the invention has been described in connection with only a limited number of embodiments, it should be readily understood that the invention is not limited to such disclosed embodiments. Rather, the invention can be modified to incorporate any number of variations, alterations, substitutions or equivalent arrangements not heretofore described, but which are commensurate with the spirit and scope of the invention. Additionally, while various embodiments of the invention have been described, it is to be understood that aspects of the invention may include only some of the described embodiments. Accordingly, the invention is not to be seen as limited by the foregoing description, but is only limited by the scope of the appended claims.

CLAIMS

WHAT IS CLAIMED IS:

1. A fuel selector for use with a dual fuel generator, the fuel selector comprising:

a valve assembly fluidly couplable to each of a first fuel source and a second fuel source and operable to selectively control a first fuel flow and a second fuel flow from the first fuel source and the second fuel source, respectively, to an engine of the dual fuel generator; and

a selector switch to allow a user to manually select the first fuel flow or the second fuel flow.

2. The fuel selector of claim 1 wherein the two fuel outputs are configured to selectively supply fuel to the engine from only one of the first and second fuel sources responsive to selection of the first fuel flow or the second fuel flow via the selector switch and a corresponding operation of the valve assembly.

3. The fuel selector of claim 1 wherein the valve assembly comprises:
a first fuel valve having open and closed positions to selectively control the first fuel flow to the engine; and
a second fuel valve having open and closed positions to selectively control the second fuel flow to the engine.

4. The fuel selector of claim 3 further comprising:
a first valve handle coupled to the first fuel valve and actuatable between an ON position and an OFF position to selectively actuate the first fuel valve between the open position and the closed position, respectively; and
a second valve handle coupled to the second fuel valve and actuatable between an ON position and an OFF position to selectively actuate the second fuel valve between the open position and the closed position, respectively.

5. The fuel selector of claim 3 wherein the first fuel valve and the second fuel valve are non-solenoid, mechanical valves.

6. The fuel selector of claim 3 wherein the selector switch provides for manual actuation of the first fuel valve and the second fuel valve between the open and closed positions.

7. The fuel selector of claim 1 further comprising a carburetor solenoid switch configured to activate an associated carburetor solenoid when actuated.

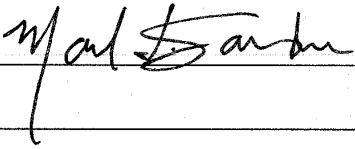
8. The fuel selector of claim 7 wherein, when the selector switch is in a first position, the selector switch actuates the carburetor solenoid switch so as to activate the carburetor solenoid and prohibit the second fuel flow to the engine.

9. The fuel selector of claim 8 wherein, when the selector switch is in a second position, the carburetor solenoid allows the second fuel flow to the engine.

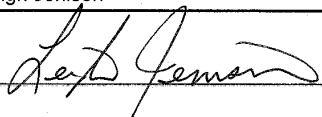
ABSTRACT

A fuel selector for use with a dual fuel generator includes a selector plate, a first fuel valve assembly positioned adjacent the selector plate and actuatable between an ON position and an OFF position to selectively control a first fuel flow to an engine of the dual fuel generator, and a second fuel valve assembly positioned adjacent the selector plate and actuatable between an ON position and an OFF position to selectively control a second fuel flow to the engine of the dual fuel generator. A selector switch coupled to the selector plate is linearly translatable from a first position to a second position, so as to enable positioning of only one of the first fuel valve assembly and the second fuel valve assembly in the ON position at a given time, such that the first and second fuel valve assemblies cannot be in the ON position concurrently.

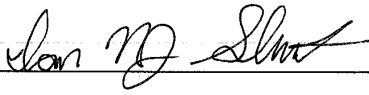
DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	DUAL FUEL SELECTOR SWITCH
As the below named inventor, I hereby declare that: This declaration ☒ The attached application, or is directed to: ☐ United States application or PCT international application number _____ filed on _____ The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. WARNING: Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.	
LEGAL NAME OF INVENTOR	
Inventor: Mark J. Sarder	Date (Optional): 13/10/31
Signature: 	
Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional PTO/AIA/01 form for each additional inventor.	

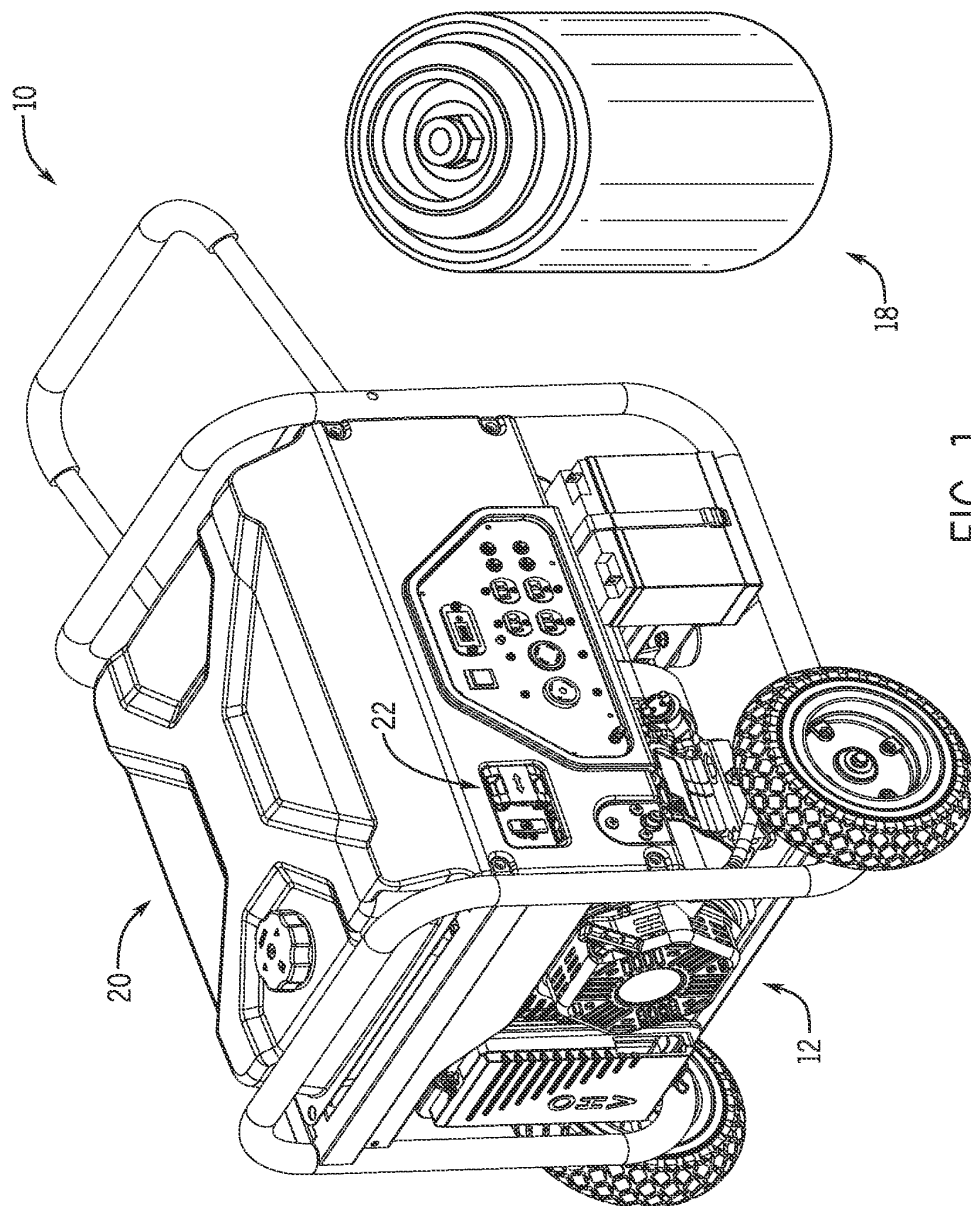
DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

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As the below named inventor, I hereby declare that: This declaration ☒ The attached application, or is directed to: ☐ United States application or PCT international application number _____ filed on _____ The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. WARNING: Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.	
LEGAL NAME OF INVENTOR	
Inventor: Leigh Jenison	Date (Optional): 10.31.2013
Signature: 	
Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional PTO/AIA/01 form for each additional inventor.	

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76)**

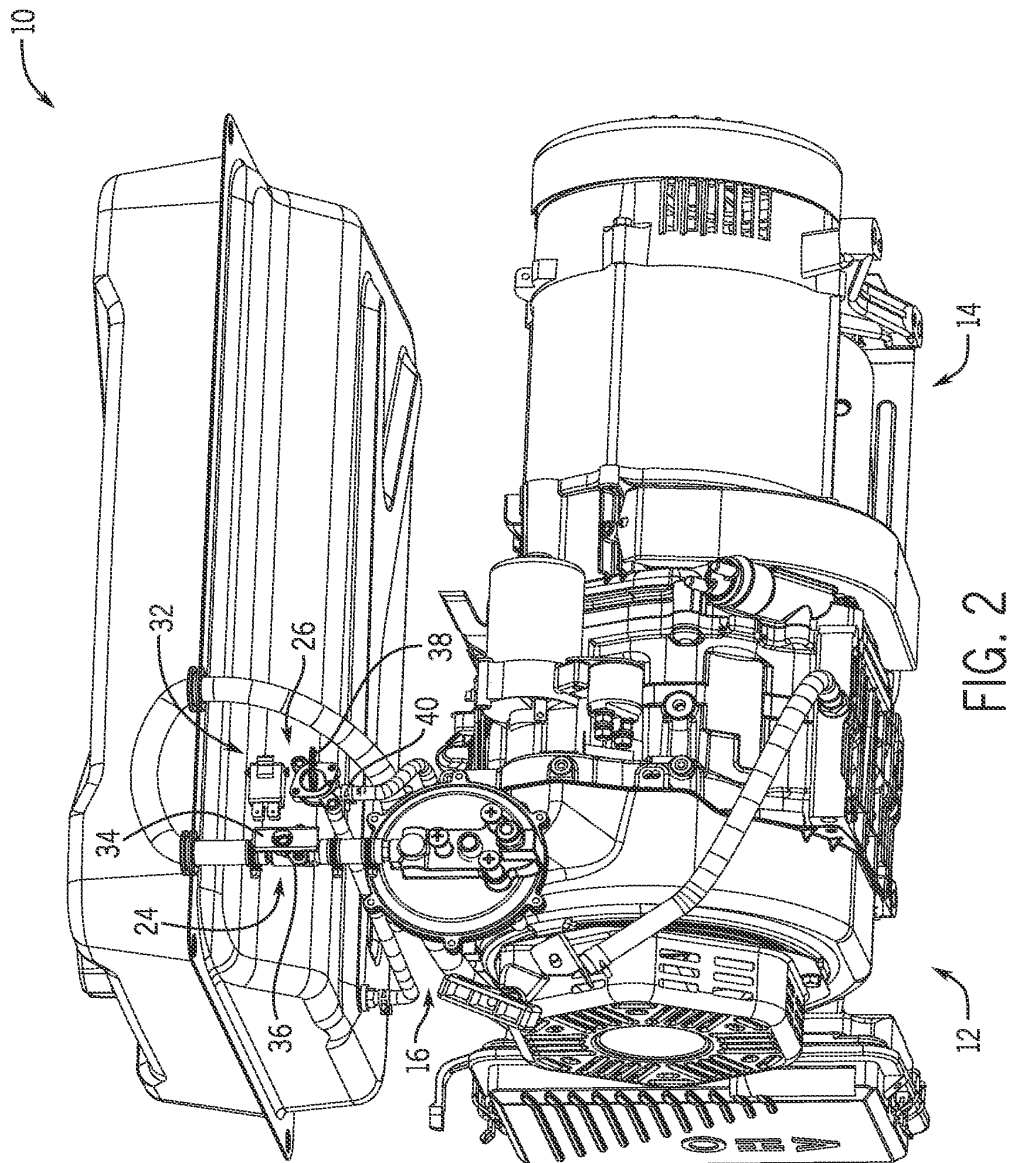
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LEGAL NAME OF INVENTOR Inventor: <u>Ian Schmit</u> Date (Optional): <u>10/31/13</u> Signature: <u></u>	
Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional PTO/AIA/01 form for each additional inventor.	

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DOCKET NO.: CET1090.124

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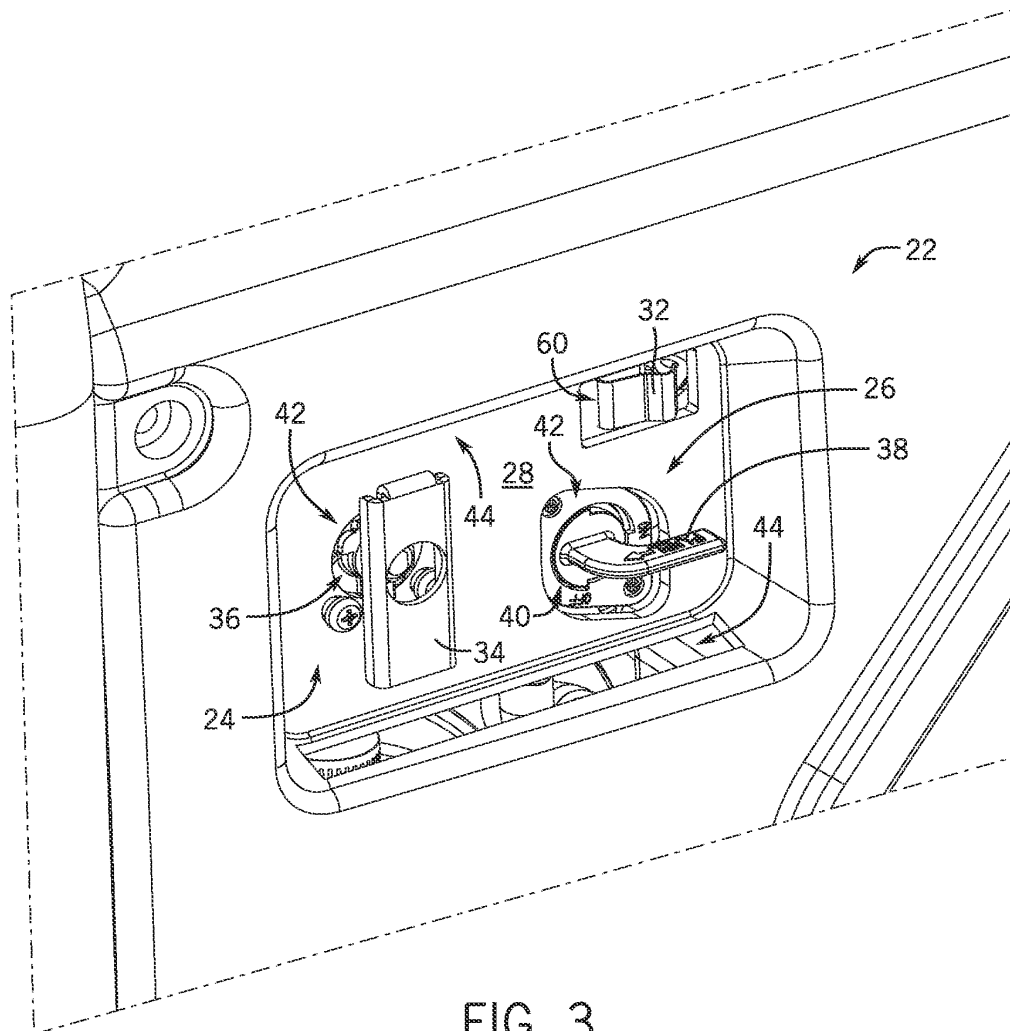
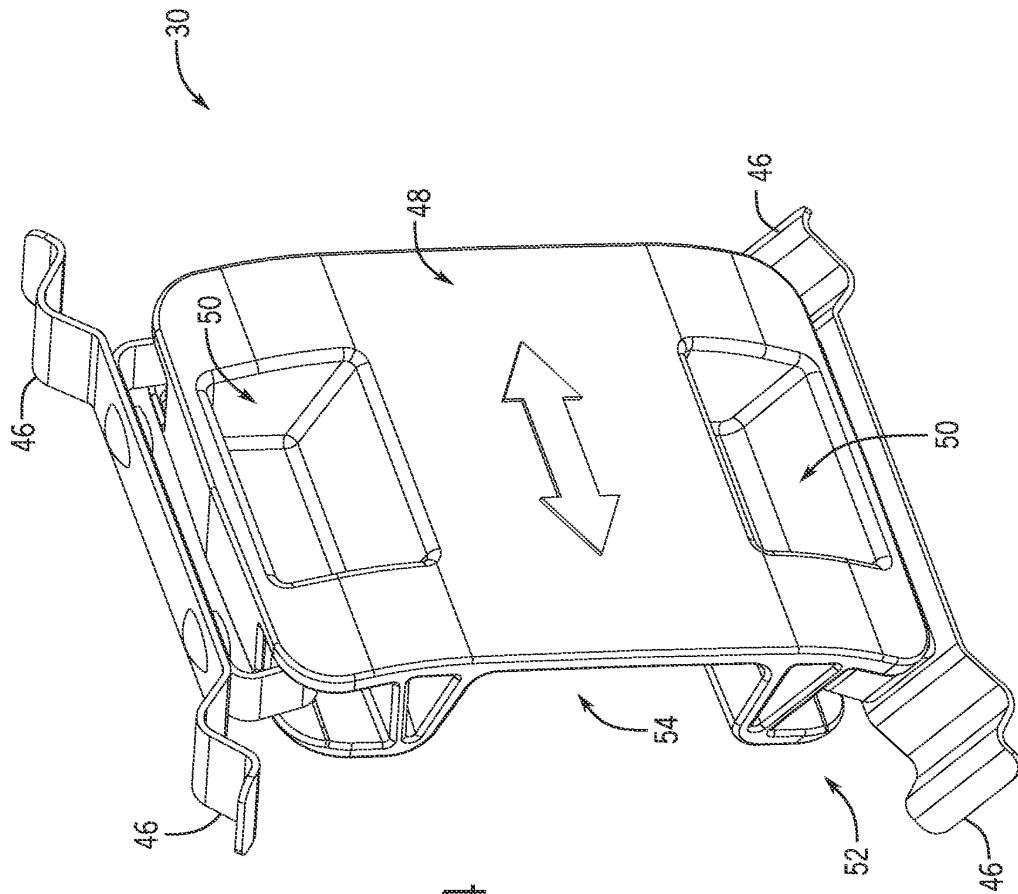


FIG. 3

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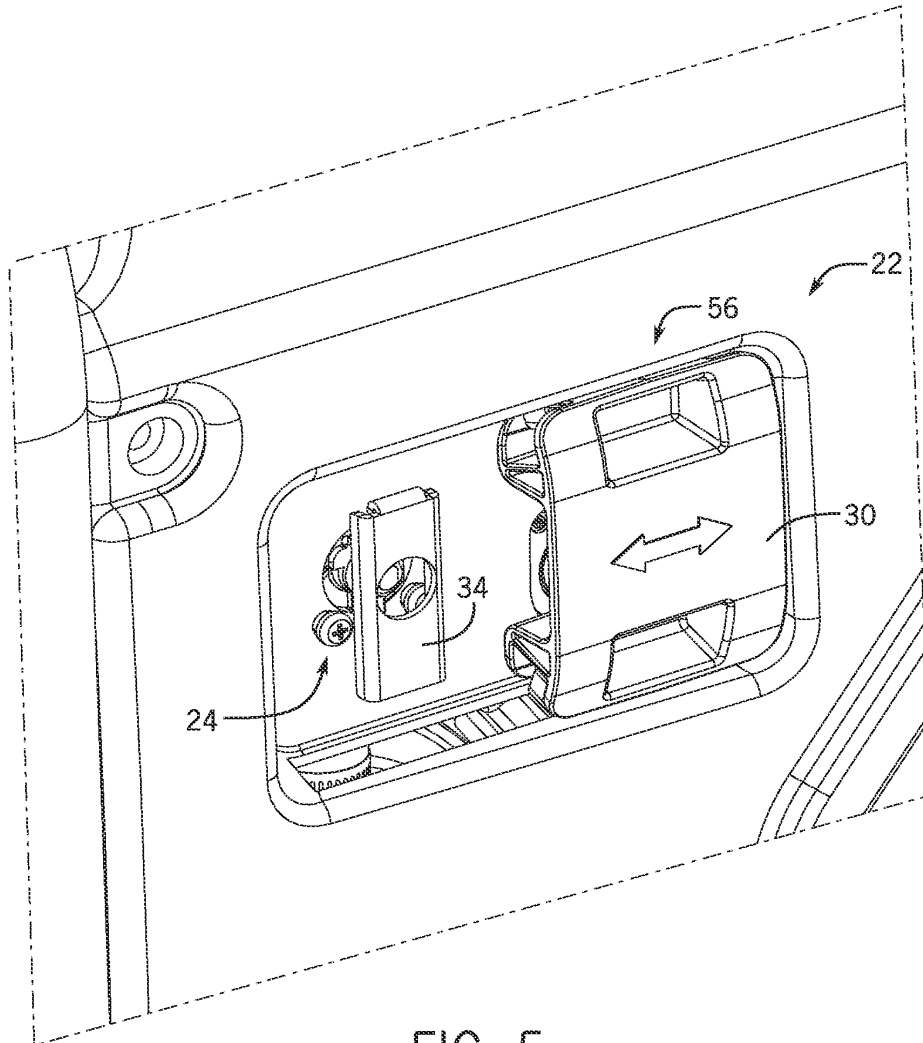


FIG. 5

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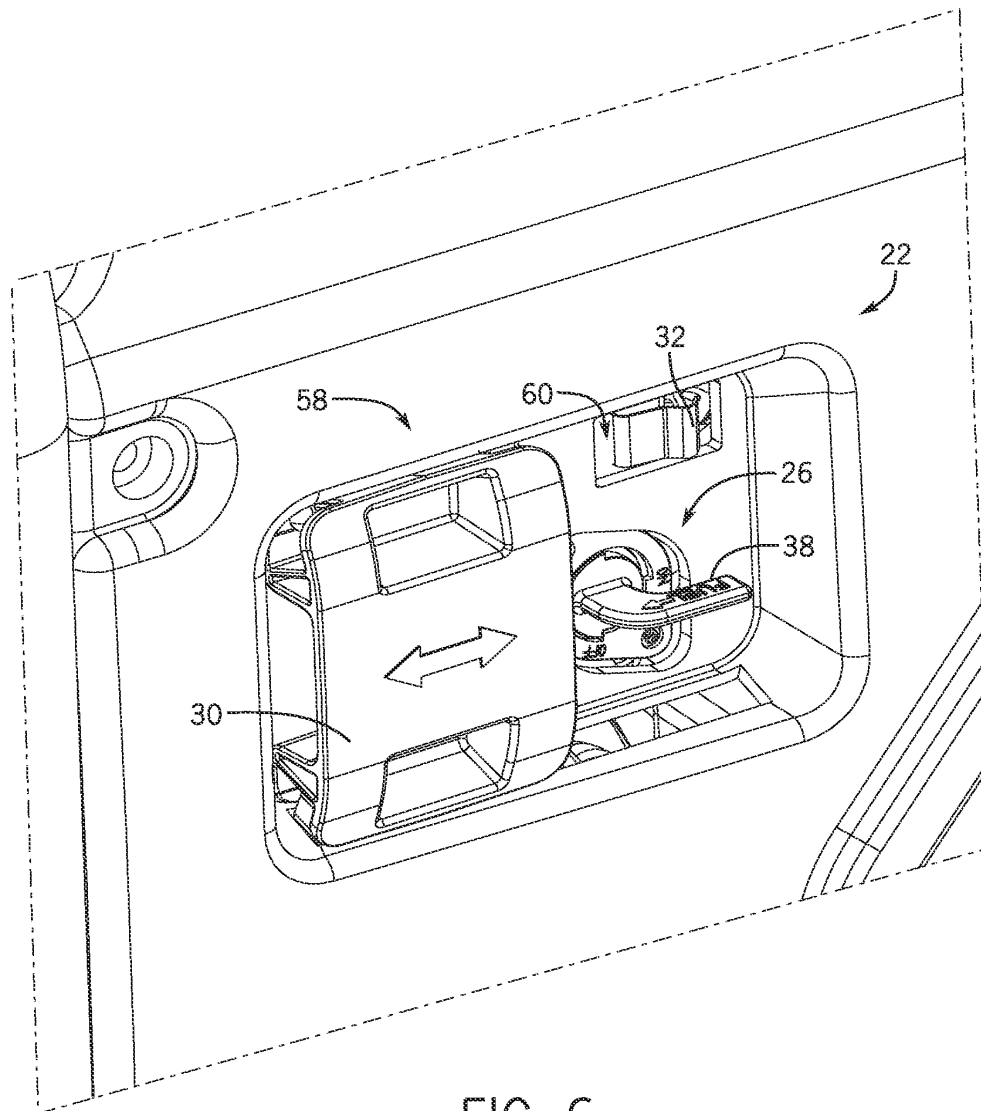


FIG. 6



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ELECTRONIC PAYMENT RECEIPT

APPLICATION # 18/443,530	RECEIPT DATE / TIME 02/16/2024 11:28:28 AM Z ET	ATTORNEY DOCKET # CET1090.124
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Title of Invention

DUAL FUEL SELECTOR SWITCH

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	-
CONFIRMATION #	3492	FILED BY	Robyn Templin
PATENT CENTER #	64347307	AUTHORIZED BY	Jacob Fritz
CUSTOMER #	26629	FILING DATE	-
CORRESPONDENCE ADDRESS	-	FIRST NAMED INVENTOR	Mark J. Sarder

Payment Information

PAYMENT METHOD CARD / 8631	PAYMENT TRANSACTION ID E20242FB30035408	PAYMENT AUTHORIZED BY Robyn Templin
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FEE CODE	DESCRIPTION	ITEM PRICE(\$)	QUANTITY	ITEM TOTAL(\$)
2111	UTILITY PATENT APPL. SEARCH FEE	280.00	1	280.00
4011	BASIC FILING FEE- UTILITY	64.00	1	64.00
2311	EXAMINATION OF ORIGINAL PATENT APPLICATION	320.00	1	320.00
2054	Non-DOCX Filing Surcharge	160.00	1	160.00
TOTAL AMOUNT:				\$824.00

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National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

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POWER OF ATTORNEY BY APPLICANT

I hereby revoke all previous powers of attorney given in the application identified in either the attached transmittal letter or the boxes below.

Application Number	Filing Date

(Note: The boxes above may be left blank if information is provided on form PTO/AIA/82A.)

- ☒ I hereby appoint the Patent Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above: 26629
- OR
- ☐ I hereby appoint Practitioner(s) named in the attached list (form PTO/AIA/82C) as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the patent application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above. (Note: Complete form PTO/AIA/82C.)

Please recognize or change the correspondence address for the application identified in the attached transmittal letter or the boxes above to:

- ☒ The address associated with the above-mentioned Customer Number
- OR
- ☐ The address associated with Customer Number:
- OR

☐ Firm or Individual Name				
Address				
City		State		Zip
Country				
Telephone		Email		

I am the Applicant (if the Applicant is a juristic entity, list the Applicant name in the box):

--

- ☐ Inventor or Joint Inventor (title not required below)
- ☐ Legal Representative of a Deceased or Legally Incapacitated Inventor (title not required below)
- ☒ Assignee or Person to Whom the Inventor is Under an Obligation to Assign (provide signer's title if applicant is a juristic entity)
- ☐ Person Who Otherwise Shows Sufficient Proprietary Interest (e.g., a petition under 37 CFR 1.46(b)(2) was granted in the application or is concurrently being filed with this document) (provide signer's title if applicant is a juristic entity)

SIGNATURE of Applicant for Patent

The undersigned (whose title is supplied below) is authorized to act on behalf of the applicant (e.g., where the applicant is a juristic entity).

Signature	<u>Dennis Trine</u>	Date (Optional)	<u>01-05-2019</u>
Name	Dennis Trine		
Title	Chief Executive Officer, Champion Power Equipment, Inc.		

NOTE: Signature - This form must be signed by the applicant in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. If more than one applicant, use multiple forms.

☒ Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.131, 1.32, and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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APPLICATION #
18/443,530

RECEIPT DATE / TIME
02/16/2024 11:28:28 AM Z ET

ATTORNEY DOCKET #
CET1090.124

Title of Invention

DUAL FUEL SELECTOR SWITCH

Application Information

APPLICATION TYPE Utility - Nonprovisional Application
under 35 USC 111(a)

PATENT # -

CONFIRMATION # 3492

FILED BY Robyn Templin

PATENT CENTER # 64347307

FILING DATE -

CUSTOMER # 26629

FIRST NAMED INVENTOR Mark J. Sarder

CORRESPONDENCE ADDRESS -

AUTHORIZED BY Jacob Fritz

Documents

TOTAL DOCUMENTS: 8

DOCUMENT		PAGES	DESCRIPTION	SIZE (KB)
2024.02.16 ADS.pdf		9	Application Data Sheet	1196 KB
2024.02.16 Pat App.pdf		16	-	119 KB
2024.02.16 Pat App-SPEC.pdf	(1-13)	13	Specification	112 KB
2024.02.16 Pat App-CLM.pdf	(14-15)	2	Claims	49 KB
2024.02.16 Pat App-ABST.pdf	(16-16)	1	Abstract	47 KB
2024.02.16 Declaration.pdf		3	Oath or Declaration filed	909 KB
2024.02.16 Drawings.pdf		6	Drawings-only black and white line drawings	8294 KB

2024.02.16 POA Transmittal.pdf	1	Power of Attorney	161 KB
2024.02.16 General POA.pdf	1	Power of Attorney	532 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
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TRANSMITTAL FOR POWER OF ATTORNEY TO ONE OR MORE REGISTERED PRACTITIONERS

NOTE: This form is to be submitted with the Power of Attorney by Applicant form (PTO/AIA/82B) to identify the application to which the Power of Attorney is directed, in accordance with 37 CFR 1.5, unless the application number and filing date are identified in the Power of Attorney by Applicant form. If neither form PTO/AIA/82A nor form PTO/AIA/82B identifies the application to which the Power of Attorney is directed, the Power of Attorney will not be recognized in the application.

Application Number

Filing Date

First Named Inventor

Mark J. Sarder

Title

DUAL FUEL SELECTOR SWITCH

Art Unit

Examiner Name

Attorney Docket Number

CET1090.124

SIGNATURE of Applicant or Patent Practitioner

Signature

/Jacob M. Fritz/

Date (Optional)

2024-02-16

Name

Jacob M. Fritz

Registration
Number

71459

Title (if Applicant is a
juristic entity)

Patent Practitioner

Applicant Name (if Applicant is a juristic entity)

Champion Power Equipment, Inc.

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. If more than one applicant, use multiple forms.



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