505904375 02/06/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MR GEORGE W BRALY	02/06/2020

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	10260016

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ATTORNEY DOCKET NUMBER:	GA4-3612-U1-C1
NAME OF SUBMITTER:	VALERIE MCMANUS
SIGNATURE:	/VALERIE MCMANUS/
DATE SIGNED:	02/06/2020

Total Attachments: 5

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PATENT 505904375 REEL: 051840 FRAME: 0555

Attorney Docket No.: GA4-3612-U1-U
For: 0.8. and/or Foreign Rights For: 0.8. Application or 0.8. Provisional Application For: 0.8. PATENT Fort PCT Application By: 1nventor(s) or Present Owner
ASSIGNMENT OF PATENT
THIS ASSIGNMENT OF PATENT is made effective as of the $16^{\rm th}$ day of April, 2019.
In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of TEN US (US \$10.00) DOLLARS, and for other good and valuable consideration, the receipt of which is hereby acknowledged,
ASSIGNOR:
Inventor(s) or person(s) or entit(ies) who own the patent
GEORGE W. BRALY type or print name of ASSIGNOR
2800 Airport Road ADA, Oklahoma, 74820 Address US Nationality
HEREBY ASSIGNS AND TRANSFERS TO
ASSIGNEE: GENERAL AVIATION MODIFICATIONS, INC. type or print name of ASSIGNEE
2800 Airport Road ADA, Oklahoma, 74820 Address An Oklahoma Corporation Nationality
and the successors, assigns and legal representatives of the ASSIGNEE,
★ the entire right, title and interest
and in all foreign countries, including all rights to claim priority,

1 of 2

PATENT REEL: 051840 FRAME: 0556

ASSIGNMENT OF PATENT Attorney Docket No.: GA4-3612-U1-C1

in U.S. Patent No.: 10,260,016 B2 issued April 16, 2019, (the face page of which is attached hereto as Exhibit 1), and in and to any and all improvements which are disclosed therein, for the invention entitled:

HIGH OCTANE UNLEADED AVIATION GASOLINE

Name of Inventor: George W. BRALY

- (1) ASSIGNOR hereby warrants, represents, and covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.
- (2) This Assignment includes all of the ASSIGNOR'S right to all income, royalties, damages, and payments now or hereafter due and payable, and in and to all causes of action, either in law or in equity, and the right to sue, counterclaim and recover for past, present, and future infringement of the rights assigned under this Assignment, as fully and entirely as the same would have been held and enjoyed by the ASSIGNOR if this sale and assignment had not been made.
- (3) ASSIGNOR further covenants that ASSIGNOR will, upon ASSIGNEE'S request, promptly provide all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR, and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all proper papers, instruments, or affidavits required (1) to maintain and enforce said Letters Patent, (2) to apply for, obtain, issue, and maintain any continuation, division, renewal, reissue, re-examination, or substitute thereof, and (3) maintain and enforce any Letters Patent on any reissue or re-examination thereof, or which may otherwise be necessary or desirable to carry out the purposes hereof.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on the date shown below.

Date:
FA, 161207() GRORGE/W. BRALY
ASSIGNOR

Notarization or Legalization Page added.

EXHIBIT 1



(12) United States Patent Braly

(10) Patent No.: US 10,260,016 B2 (45) Date of Patent: Apr. 16, 2019

(54)	HIGH OCTANE UNLEADED AVIATIO	S
66 55 55	GASOLINE	

- (71) Applicant George W. Bruly, Ada, OK (US)
- (72) Inventor George W. Brah, Ada. OK (US)
- (*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. (\$4(s) by 514 days.
- (21) Appl. No.: 13/841,560
- (22) Filed: Mar. 15, 2013
- (65) Prior Publication Data US 2014/0116367 At May 1, 2014

Related U.S. Application Data

- (63) Continuation-in-part of application No. 12/958,390, filed on Exc. 1, 2010, now Pat. No. 8,628,594.
- (60) Provisional application No. 61/265,606, filed in Dec. 1, 2009, provisional application No. 61/316,158, fited on Mar. 22, 2010, provisional application No. 61/319,255, filed on Mar. 30, 2010.

(\$1) Int. Cl, Cl91. 10/10 (2006.01) Cl92. 1/22 (2006.01) Cl91. 1/14 (2006.01) Cl91. 1/14 (2006.01) Cl91. 1/16 (2006.01)

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(Coallaued)

Firmary Examiner - Vivos M McArvey Assistant Filaminer -- Ming Cheving Po (74) Attorney Agent or Firm -- R Reams Gooding Ac

(57) ABSTRACT

Unleaded aviation gasoline. An aviation gasoline fuel blend includes on unleaded aviation gasoline base fuel, with an effective amount of selected alkyl henzenes to improve the functional engine performance to avoid bannful detention sufficient to meet or exceed selected standards for determinenperformance requirements in full scale aircraft biston spork ignition engines designed for use with Grade 1901 Ulavgas. Selected alkyl benzenes such as 1.3-dimethylbenzene, and/ or 1,3,5-trimethylbenzene, or other mixtures thereof, may be used. Suitable alkylated benzenes may include a mixture of xylene isomers. Arguatic amines, such as m-tohulding, may also be added to increase MON. Base fucls may be a high quality aviation alkylate, or may be a commercial isonotions, or a mixture of high quality aviation alkylate enhanced by commercial iso-octane, and may include isopentane or butane or both iso-pentane and butane in sufficlear quantity to provide appropriate vapor pressure for the final feel blend.

5 Claims, No Drawings

PATENT REEL: 051840 FRAME: 0558

INSTRUMENT: ASS U.S. PATENT NO.: 10 ISSUE DATE: APRIL	
STATE OF OKLAHOM	
COUNTY OF Res I.) **. **********************************
Rolling mo this Ago	of 2020, personally appeared GEORGE W
BRALY to me dersonal	ly known to be the person who is described in and who executed th
	knowledged to me that he executed the same of his own free will fo
the purpose therein set for	
Dated: ££	(2 (2 <u>2020</u>)
(Seal or Stamp)	Same Simple ACT STATE OF THE ST
:xaxa	Sinity With
www.	Print Name
	Notary Public in and for the State of Oklahoma,
*** NOTARY ***	Notary Public in and for the State of Oklahoma, residing at いんしょくいい せんしん My appointment expires タールチン
Asional Control	My appointment expires
WALAHOMAN .	治疗治疗治疗治疗者治疗治疗治疗治疗治疗治疗治疗治疗治疗治疗治疗治疗治疗治疗治疗

PATENT REEL: 051840 FRAME: 0559 GENERAL AVIATION MODIFICATIONS, INC.

(An Oklahoma Corporation)

Signature

By: George W. Braly Its: Vice President Date:

2020

STATE OF OKLAHOMA

I certify that I know or have satisfactory evidence that George W. Braly is the person who appeared before me, and said person acknowledged that he signed this instrument, on oath stated that he was authorized to execute the instrument and acknowledged it as the Vice President of GENERAL AVIATION MODIFICATIONS, INC., to be the free and voluntary act of such party, for the uses and purposes mentioned in the instrument.

(Seal or Stamp)

Notary Public in and for the State of Oklahoma, residing at 14.26 for the Co.

My appointment expires 9-11

PATENT

REEL: 051840 FRAME: 0560

RECORDED: 02/06/2020