502492728 09/12/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------|----------------|
| John Dwight England | 11/07/2011 |
| Anthony R. Kelley | 11/07/2011 |
| Raymond J. Cronise | 11/16/2011 |

RECEIVING PARTY DATA

| Name: | United States of America as Represented by the Administrator of the National Aeronautics and Space Administration | |
|-----------------|---|--|
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| City: | Washington | |
| State/Country: | DISTRICT OF COLUMBIA | |
| Postal Code: | 20546 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13302773 |

CORRESPONDENCE DATA

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| MFS-32865-2 |
|---------------------|
| James J. McGroary |
| /James J. McGroary/ |
| |

REEL: 031191 FRAME: 0694

PATENT

| Date: | 09/12/2013 |
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PATENT REEL: 031191 FRAME: 0695



Assignment to the Government (by Government Employee)

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|--|--|---|---|---|--|
| | Measurements | | 11-8 | | 77.000000000000000000000000000000000000 |
| Inventor(s): | John Dwight Engl | and and Anthony R. K | Celley | TRANSPORTED OF L | |
| NASA Case No.: | MFS-32865-2 | _ Application No.*: | 13/302,773 | Filing Date*: | 11/2 3 /2011 |
| | | | e the undersigned inve Administrator of the Na | | |
| WHEREAS, the ma | king of this Assignm | ent and Agreement is | in accordance with 37 | 7 CFR Part 501; | and |
| | lersigned inventor(se above-entitled inve | | , on the date(s) indicat | ted below, an ar | oplication for United |
| Assign to the America, its territorical | Government my (or as and possessions | ur) full and exclusive r , and my (our) entire r | Sovernment, the under ight in and to said inve ight, title and interest in y patent(s) that may is | ention within the n and to said ap | |
| with 37 CFR 501.9(Government choose accordance with 37 irrevocable, royalty- | d), including rights o es not to file an appli CFR 501.9(d), and a free license in the in | if priority under the Intelection in any foreign of such rights will be sub wention with power to | clusive foreign rights in ernational Convention country, I (we) may req iject to the reservation grant licenses for all g n patent which may iss | of Paris (1883), juest rights in th to the Governm jovernmental pu | as amended. If the at country, in ent of a nonexclusive, rposes. The terms of |
| information to, and (| | ny manner with the Go | ite any document for, (overnment in order to a | | |
| *4. Authorize an above when require | | eys of record in the ap | oplication to insert the | application num | ber and filing date |
| Jahn. | Diel & | -le-D | // //) - // ate Assignment Executed | // | -07-11 |
| (Signatiure of Inventor, |) 8 | (De | ate Assignment Executed | (Date App | lication Executed) |
| John Dwight Englar | nd | | mn Creek Drive, Arab, | | USA |
| (Inventor's Typed Nag | ng) /~ | (Mailing Add | ress - Including Country) | | , , , , , , , , , , , , , , , , , , , |
| / The A | | > | 11/ 10-11 | , | 1/7/1011 |
| (Signature of Inventor | · American | (Da | ate Assignment Executed | (Date App | (/ * / &\signal \(\) (/ |
| Anthony R. Kelley | | 214 Compte | on Curry Road, Somm | , , , , , , | , |
| (Inventor's Typed Nan | ne) | | ress - Including Country) | erame, al 330 | OBA. |
| | | | | | |
| (Signature of Inventor, |) | (De | ate Assignment Executed | (Date App | lication Executed) |
| (Inventor's Typed Nan | ne) | (Mailing Add | ress - Including Country) | nnnnnn | |

NASA FORM 430 DEC 2000 PREVIOUS EDITIONS ARE OBSOLETE.

PATENT REEL: 031191 FRAME: 0696



Attorney Docket No. MFS-32865-2

ASSIGNMENT and AGREEMENT

Title of Invention: Self-Contained Tubular Compressed-Flow Generation Device for Use in

Making Differential Measurements

Inventor(s): Raymond J. Cronise

NASA Case No.: <u>MFS-32865-2</u>

Application No.*: 13/302,773

Application Filing Date*: 11/23/2011

WHEREAS, the parties to this ASSIGNMENT and AGREEMENT are: (1) the undersigned Inventor(s) and (2) and the United States Government, as represented by the Administrator of the National Aeronautics and Space Administration, Washington, D.C. 20546 (hereafter, the Government);

WHEREAS, the undersigned Inventor(s) is (are) desirous of sharing in any royalties that may be derived from licensing the above identified Invention (hereinafter, the Invention) and has (have) executed, in the date indicated below, an application for a United States Patent on the Invention or is (are) desirous of having such a patent application filed; and

WHEREAS, the Government is desirous of acquiring the entire right, title and interest in the Invention and the patent application filed, or to be filed, thereon.

NOW THEREFORE, in consideration of the payment of royalties, pursuant to NASA Policy Directive, NPD 2092.1, "Royalties and Other Payments Received by NASA from the Licensing of Patents and Patent Applications" (incorporated herein by reference), that may result from licensing the Invention, the undersigned hereby:

- 1. Assigns to the Government my (our) full right in and to the Invention within the United States of America, its territories and possessions, and my (our) entire right, title and interest in and to said patent application, and any corresponding continuation or divisional application(s) and any patent(s) that may issue therefrom.
- 2. Grant to the Government the option to acquire, upon request, all my (our) foreign rights in and to the Invention.

Assignment individual inventor to NASA June 2000

Page 1 of 2

MFS-32865-2 Assign Individual to NASA.docx

- 3. Agrees, at the expense of the Government, to: (a) execute any document, (b) deliver any requested information, and (c) cooperate in any manner with the Government in order to allow the Government to protect any interest transferred by this ASSIGNMENT and AGREEMENT.
- 4. Warrants that I have the authority to execute this ASSIGNMENT and AGREEMENT.
- *5. Authorizes and requests the attorneys of record in the application to insert the patent application number and filing date above when required.

| Zozna Clare | | |
|--------------------------------------|--------------------------|---------------------------|
| (Signature of Inventor) | Date Assignment Executed | |
| Raymond J/ Cronise | Date Assignment Executed | Date Application Executed |
| (Inventor's Typed Name) | | |
| 1039 Branscomb Circle, Hur | iteville AT 35803 HSA | |
| (Post Office Address - Including Co | | |
| (Signature of Inventor) | Date Assignment Executed | Date Application Executed |
| (Inventor's Typed Name) | | |
| (Post Office Address - Including Co | untry) | |
| (Signature of Inventor) | Date Assignment Executed | Date Application Executed |
| (Inventor's Typed Name) | | |
| (Post Office Address - Including Con | untry) | |