506295237 10/08/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6341985

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JACOBS SPACE EXPLORATION GROUP	10/05/2020

RECEIVING PARTY DATA

Name:	UNITED STATES OF AMERICA AS REPRESENTED BY THE ADMINISTRATOR OF NASA
Street Address:	300 E STREET SW
City:	WASHINGTON
State/Country:	D.C.
Postal Code:	20546

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16909572

CORRESPONDENCE DATA

Fax Number: (256)544-0258

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: JAMES J. MCGROARY

Address Line 1: NASA/MARSHALL SPACE FLIGHT CENTER LS01/OFFICE OF THE GENERAL COUNSEL

Address Line 4: MSFC, ALABAMA 35812

ATTORNEY DOCKET NUMBER:	MFS-33553-1	
NAME OF SUBMITTER:	JAMES J. MCGROARY	
SIGNATURE:	/James J. McGroary/	
DATE SIGNED:	10/08/2020	

Total Attachments: 1

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PATENT 506295237 REEL: 054011 FRAME: 0634



MFS-33553-1 (NASA Case No.)

Determination of Title and Assignment in Accordance With 51 U.S.C. 20135

WHEREAS, <u>James F. Bridenstine</u>, Administrator of the National Aeronautics and Space Administration (the Administration) of Washington, District of Columbia, pursuant to the provisions of the National Aeronautics and Space Act 51 U.S.C. 20135(b), paragraphs (1)(A) or (1)(B); and pursuant to the New Technology clause in a contract between the Administration and the Contractor set forth below; and based upon a presumption which is now conclusive; HAS DETERMINED that the invention cited below is a Subject Invention in that the invention was made in the performance of work under a contract between the Administration and the Contractor and pursuant to statutory authority; the Subject Invention has become the exclusive property of the Government of the United States of America.

THEREFORE, the Government by virtue of this DETERMINATION and by operation of law has acquired an ASSIGNMENT of the entire right title and interest in and to the Subject Invention and to any patent application(s) and all Letters Patent issuing thereon and other rights and benefits herein granted including the title and/or assignment of the foreign rights in and to the invention including the Rights of Priority under the International Convention of Paris (1883), as amended.

GRANT OF LICENSE TO THE CONTRACTOR

FURTHER, the Contractor is granted, pursuant to 14 CFR 1245.108, a revocable, nonexclusive, royalty-free license in each patent application filed in any country on the invention and in any resulting patent in which the Government acquires title. The license extends to the Contractor's domestic subsidiaries and affiliates, if any, within the corporate structure of which the Contractor is a party and includes the right to grant sublicenses of the same scope to the extent the Contractor was legally obligated to do so at the time the Contract was awarded. The license and right is transferable only with the approval of the Administrator except when transferred to the successor of that part of the Contractor's business to which the invention pertains. The Contractor's domestic license may be revoked or modified by the Administrator to the extent necessary to achieve the earliest practical application of the invention under an exclusive or partially exclusive license to be granted under the Department of Commerce Patent Licensing Regulation (37 CFR Part 404). This license shall not be revoked in that field of use and/or the geographical areas in which the contractor has achieved practical application and continues to make the benefits of the invention reasonably accessible to the public. The license in any foreign country may be revoked or modified at the discretion of the Administrator to the extent the Contractor, its licensees, or its domestic affiliates have failed to achieve practical application in that foreign country. Before revocation or modification of the license, the Contractor shall be allowed 30 days (or any other time as may be allowed by the Administrator for good cause shown by the Contractor) after the notice to show cause why the license should not be revoked or modified. The Contractor shall have the right to appeal, under the Department of Commerce Patent Licensing Regulations, any decision concerning the revocation or modification of its license.

Inventor(s)/Assignors: Kevin Scott Edwards, Eric Townsend Fox

Assignee: The United States of America as represented by the Administrator, National Aeronautics and Space Administration

Title of Invention: High Flow Differential Cleaning System

Brief: Assigns the entire interest pursuant to 51 U.S.C. 20135; Contractor granted a license pursuant to 14 CFR 1245.108.

Contractor and Address: Jacobs Space Exploration Group

620 Discovery Drive NW - Bldg 2 STE 140, Huntsville, AL 35806

 Contract No.:
 NNM12AA41C
 Contract Date:
 05/29/2012

 Serial No.:
 16/909,572
 Filing Date:
 06/23/2020

Date Application Executed by the Administrator or a person officially acting on behalf of the Administrator:

RECORDABLE ASSIGNMENTS

NOW THEREFORE, this document, invoking 51 U.S.C. 20135, is tantamount to an ASSIGNMENT of the entire right, title and interest to the Government of the Subject Invention and as such is recordable as an ASSIGNMENT under 35 U.S.C. 261. Also, as set forth above, the Contractor has been granted a LICENSE to the invention. This instrument is executed by my legal representative pursuant to Delegations of Authority duly filed in the United States Patent and Trademark Office.

PREVIOUS EDITIONS ARE OBSOLETE

10/05/2020

HELEN GALUS Digitally signed by HELEN GALUS
Date

Agency Counsel for Intellectual Property

NRRS 5/18

PATENT REEL: 054011 FRAME: 0635

NASA Form 1606 08/17 (2.0)