U.S. DEPARTMENT OF COMMERCE Form PTO-1595 (Rev. 6-18) OMB No. 0651-0027 (exp. 06/30/2021 United States Patent and Trademark Office JUL 06 2021 HEET To the Director of the U.S. Patent 1. Name of conveying party(ies) 2. Name and address of receiving party(ies) Name: United States of America as represented by Troy S. Newhart, Joshua D. Taylor, John W. Gawalt, Charles T. Miller, Jordan C. Lieberman, the Secretary of the Navy Internal Address: Jessica L. Hildebrand and Jonathan U. Crook Chief of Naval Research Additional name(s) of conveying party(les) attached? Yes No 1 Liberty Center 3. Nature of conveyance/Execution Date(s): Street Address: June 8 and 12, 2017 Execution Date(s) 875 N. Randolph Street | x | Assignment Merger Arlington City:_ Security Agreement Change of Name VA Joint Research Agreement State: Government Interest Assignment US 22203-1995 Country: Executive Order 9424, Confirmatory License Additional name(s) & address(es) attached? Yes 🔀 No 4. Application or patent number(s): This document serves as an Oath/Declaration (37 CFR 1.63). A. Patent Application No.(s) B. Patent No.(s)

10,207,822 Note: record reel/frame 042672/0908 for appl S/N 15/617,195 w/ only 1st inventor Additional numbers attached? Yes XNo 5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved: Gerhard W. Thielman Name: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 50.00 P NSWC Dahlgren Internal Address: Office of Counsel Authorized to be charged to deposit account **Enclosed** 17632 Dahlgren Road Street Address: None required (government interest not affecting title) Suite 158 8. Payment Information Dahlgren City: ___ 22448 VA Zip: State: 540-653-8061 Phone Number: 50-0967 Deposit Account Number Navy Case 106047 Docket Number: **NSWC Dahlgren** Authorized UserName gerhard.thielman@navv.mil Email Address: 9. Signature: July 2, 2021

Signature

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
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Gerhard W. Thielman

Name of Person Signing

ΡΔΤΕΝΤ

Total number of pages including cover

sheet, attachments, and documents:

PATENT REEL: 057440 FRAME: 0043

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ASSIGNMENT OF INVENTION

Navy Case No. 106047

WHEREAS, we, Troy S. Newhart, of 14298 Springfield Lane, King George, VA 22485 and Joshua D. Taylor of 401 Cobblestone Drive, Apt 107, Fredericksburg, VA 22401 and Jonathan U. Crook of 1504 Woodstock Road, King George, VA 22485 and John W. Gawalt of 602 Greenbrier Drive, Apt 204, Fredericksburg, VA 22401 and Jordan C. Lieberman of 822 Caroline Street, Apt 2, Fredericksburg, VA 22401 and Jessica L. Hildebrand of 11203 Springfield Drive, Fredericksburg, VA 22408 and Charles T. Miller of 1009 Princess Anne Street, Apt 2, Fredericksburg, VA 22401, while employed by the Government of the United States of America, hereinafter referred to as the Government, have made an invention entitled." Test Module Fixture for Aerial Vehicles Modules" identified as Navy Case No. 106047 and described in application for Letters Patent of the United States of America executed by us on _______, and

WHEREAS, the conditions under which the invention was made are such as to entitle the Government under Paragraph 1(a) of Executive Order 10096, to the entire right, title and interest therein, including foreign rights; and

WHEREAS, the Government is desirous of obtaining the entire right, title and interest in and to the invention disclosed in said application within the United States of America, its territories and possessions and other rights and benefits herein granted; and

WHEREAS, as to foreign rights, the Government desires an option to obtain such rights;

NOW, THEREFORE, in consideration of the premises and other good and valuable consideration, the receipt of which is hereby acknowledged, we hereby assign and transfer to the United States of America as represented by the Secretary of the Navy the entire right, title, and interest in and to said invention within the United States of America, its territories and possessions, and the entire right, title and interest in and to said application and any continuation, division or substitution thereof, and such Letters Patent as may issue therefrom and any reissue or extensions thereof, said invention, application and Letters Patent to be held by the United States of America as represented by the Secretary of the Navy to the end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by us had this assignment not been made.

We do hereby also grant unto the Government, the option to take the entire right, title and interest in and to the invention and all patent applications, patents and other forms of protection thereon in countries foreign to the United States of America within eight months of the filing date of any application for United States Letters Patent covering the invention; such option to be exercised by a written notification to me within such eight months identifying the specific foreign countries in which the Government will file or cause to be filed an application for patent or other form of protection on the invention; and that the rights in the foreign countries not exercised under the option are left to me subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent or other form of protection which may issue on the invention in any foreign country, including the power to issue sub-licenses for use on behalf of the Government and/or in furtherance of the foreign policies of the Government.

We hereby further agree to make, execute, and deliver to the Government, any and all papers, documents, affidavits, statements, or other instruments that may be necessary in the prosecution of the application and of any continuation, division or substitution of the application, or any application for reissue or extension of said Letters Patent, and to assist the Government in every way in protecting the invention as may be requested, provided that any expense arising through such efforts will be paid by the Government.

> PATENT REEL: 057440 FRAME: 0044

RECORDED: 07/06/2021