## 506159028 07/17/2020 PATENT ASSIGNMENT COVER SHEET

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CONVEYING PARTY	DATA	
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## CONFIRMATION/ASSIGNMENT

This agreement ("CONFIRMATION/ASSIGNMENT") is made and entered into by and between Gary David Warren ("ASSIGNOR"), and Science Applications International Corporation, a Delaware corporation having a place of business at 12010 Sunset Hills Road, Reston, Virginia USA 20190 ("ASSIGNEE").

ASSIGNOR has invented subject matter ("INVENTION") disclosed and/or claimed in the following patent applications ("APPLICATIONS"):

U.S. non-provisional patent application no. 16/168,184, filed October 23, 2018, titled "Projectile Accelerator with Heatable Barrel," and having attorney docket no. 008240.00024,

U.S. provisional patent application no. 62/576,316, filed October 24, 2017, titled "Thermal Gun for Hypervelocity Guided Projectile Launch and/or Use With In Situ Dust for Spacecraft Propulsion," and having attorney docket no. 008240.00013, and

International patent application no. PCT/US2018/057020, filed October 23, 2018, titled "Projectile Accelerator with Heatable Barrel," and having attorney docket no. 008240.00025.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR confirms that ASSIGNOR did (under the law of the jurisdiction(s) where the INVENTION was conceived, reduced to practice and/or made, and/or under an employment or other agreement with ASSIGNEE) sell, assign, and transfer, or else ASSIGNOR now does sell, assign, and transfer to ASSIGNEE, the entire right, title, and interest in and to the APPLICATIONS (including the right to claim priority thereto), the INVENTION, and improvements throughout the world, including the entire right, title, and interest in and to any and all patents, petty patents, and utility model patents which may be granted therefor, and all continuations, continuations-inpart, divisions, reissues, extensions, renewals, and any non-provisional based on a provisional thereof (LETTERS PATENT).

ASSIGNOR warrants and covenants that ASSIGNOR either had or does have the full right to convey the entire interest herein assigned at the time of the sale, assignment, and/or transfer. ASSIGNOR warrants and covenants that ASSIGNOR has not executed and will not execute any conflicting sale, assignment, and/or transfer.

ASSIGNOR further covenants and agrees that ASSIGNOR will without undue delay execute without further consideration all such papers as may be necessary to perfect the title to the APPLICATIONS, the INVENTION, improvements, and LETTERS PATENT in ASSIGNEE or its NOMINEES, and ASSIGNOR agrees to communicate to ASSIGNEE or its NOMINEES all known facts respecting the APPLICATIONS, the INVENTION, improvements, and LETTERS PATENT, to testify in any legal proceedings, to sign all lawful papers, and generally to do all things necessary to aid ASSIGNEE or its NOMINEES to obtain and enforce for their own benefit patent protection for the APPLICATIONS, the INVENTION, and improvements in any and all countries, all at the expense, however, of ASSIGNEE or its NOMINEES.

ASSIGNOR authorizes ASSIGNEE or its NOMINEES to file in ASSIGNOR'S name or their own, as appropriate, application for LETTERS PATENT in any and all countries of the world, and ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any proper official of any country, to issue to ASSIGNEE or its NOMINEES any and all LETTERS PATENT for the APPLICATIONS, the INVENTION, and improvements, for their sole use, to the full end of the term for which such LETTERS PATENT may be granted.

ASSIGNOR grants the attorneys at the law firm of Banner & Witcoff the power to insert into this document information sufficient to identify any other application to which this CONFIRMATION/ASSIGNMENT pertains.

5/28/2019 Gary David Gary David Warren

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