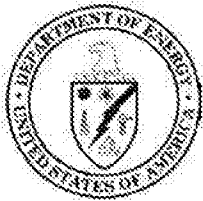


## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6980796

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| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                             |
| <b>NATURE OF CONVEYANCE:</b>  | EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE |
| <b>CONVEYING PARTY DATA</b>   |  |
| <b>Name</b>   | <b>Execution Date</b>                      |
| APPLIED RESEARCH ASSOCIATES, INC.   | 10/05/2021                                 |
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| <b>PROPERTY NUMBERS Total: 1</b>  |  |
| <b>Property Type</b>  | <b>Number</b>                              |
| Application Number:   | 15642388                                   |
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| <b>DATE SIGNED:</b>   | 10/21/2021                                 |
| <b>Total Attachments: 1</b>   |  |
| source=Confirmatory License CIP01#page1.tif   |  |



**SECTION H. CONFIRMATORY LICENSE**

**Title of Invention: DRY COOLING SYSTEM USING THERMALLY INDUCED VAPOR POLYMERIZATION**

**Inventor(s): ALY H. SHAABAN, GONG ZHOU, SERGIO ESCOBAR, JOSHUA J. MORMILE, DESIREE A. KETTEL**

**Patent Application Serial No: 15/642,388**

**Filing Date : July 6, 2017**

**Patent Number: 9,920,658 B2**

**Issue Date: MARCH 20, 2018**

**Name of Organization: APPLIED RESEARCH ASSOCIATES, INC.**

**ARPA-E Award / Contract No.: DE-AR0000579**

The named Organization has reported the above-identified invention as a Subject Invention to DOE and has elected to retain title thereto.

This document is confirmatory of (1) the nonexclusive, nontransferable, irrevocable, paid-up, World-wide license in this subject invention, patent application, and any resulting patent (including any continuation, divisional, reissue, or supplemental application thereof) to practice or to have practiced for or on behalf of the United States throughout the world; (2) all other rights acquired by the Government through the intellectual property provisions of the above-identified contract/award; and (3) all intellectual property, licensing, and manufacturing requirements imposed by the above-identified contract/award.

It is understood and agreed that this license does not preclude the Government from (1) asserting rights under the provisions of the above-identified contract/award or any other agreement between the Government and the named Organization, or (2) asserting any other Government rights with respect to the above-identified subject invention.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this 5 day of October, 2021

Authorized Representative's Name and Title (Typed)

Jason A. Janet, CTO

Authorized Representative's Signature