

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6760015

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DIRK B. WARNAAR PHD	05/15/2019
DAVID H. JOHNSON PHD	05/15/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	APPLIED RESEARCH ASSOCIATES, INC.
<b>Street Address:</b>	4300 SAN MATEO BOULEVARD, N.E.
<b>Internal Address:</b>	SUITE A-220
<b>City:</b>	ALBUQUERQUE
<b>State/Country:</b>	NEW MEXICO
<b>Postal Code:</b>	87110
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17346549
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(913)777-5601
<i>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.</i>	
<b>Phone:</b>	913-777-5600
<b>Email:</b>	patents@eriseip.com
<b>Correspondent Name:</b>	ERISE IP, P.A.
<b>Address Line 1:</b>	7015 COLLEGE BLVD., STE 700
<b>Address Line 4:</b>	OVERLAND PARK, KANSAS 66211
<b>ATTORNEY DOCKET NUMBER:</b>	2709-12.01
<b>NAME OF SUBMITTER:</b>	ROBIN A. SNADER
<b>SIGNATURE:</b>	/Robin A. Snader/
<b>DATE SIGNED:</b>	06/14/2021
<b>Total Attachments: 5</b>	
source=Assignment_as_Filed_12_01#page1.tif	
source=Assignment_as_Filed_12_01#page2.tif	
source=Assignment_as_Filed_12_01#page3.tif	
source=Assignment_as_Filed_12_01#page4.tif	



## ASSIGNMENT

WHEREAS, WE, Dirk B. Warnaar, PhD and David H. Johnson, PhD, both of 8537 Six Forks Rd, Suite 600, Raleigh, North Carolina 27615, (hereinafter "Assignors") have invented, developed, and conceived of, or shall invent, develop, and conceive of, the following invention, technology, and any improvements thereof: GPS-DENIED GEOLOCATION;

WHEREAS, WE are about to make or have made an Application for Letters Patent of the United States or a foreign country; and

WHEREAS, Applied Research Associates, Inc., a corporation duly organized under the laws of the State of New Mexico, and having its principal place of business at 4300 San Mateo Boulevard, N.E., Suite A-220, Albuquerque, New Mexico 87110, (hereinafter "Assignee), is desirous of acquiring an interest in, to, and under said invention, technology, and any improvements thereof, said Application, and any and all Letters Patent that may be granted for or upon said invention, technology, and any improvements thereof in the United States and all foreign countries.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, WE, Assignors, shall assign and hereby do assign to Assignee the full and exclusive right, title, and interest, throughout the world, in, to, and under the following;


(a) said invention, technology, and any improvements thereof;

(b) said invention, technology, and any improvements thereof as set forth and described in said Application for Letters Patent, which is identified by attorney Docket No. 2709-12.00;

- (c) said Application;
- (d) any and all refilings, divisionals, and continuations of said Application;
- (e) any and all Letters Patent of the United States that may issue from said Application, refilings, divisionals, and continuations;
- (f) any and all reissues of said Letters Patent of the United States;
- (g) any and all applications for Letters Patent on said invention, technology, or any improvements thereof that may hereafter be filed in any and all countries foreign to the United States, together with all rights to file and to claim priority in connection with said foreign-filed applications;
- (h) any and all refilings, divisionals, and continuations of said foreign-filed applications;
- (i) any and all Letters Patent of countries foreign to the United States that may issue from said foreign-filed applications, refilings, divisionals, and continuations;
- (j) any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States; and
- (k) any and all reexaminations, *inter partes* reviews, post-grant reviews, covered business method reviews, oppositions, or other post-issuance procedures for any said Letters Patent of the United States or countries foreign to the United States.

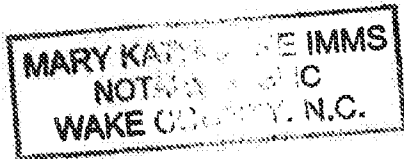
ALL of the above shall be held and enjoyed by said Assignee for its own use and for its successors, legal representatives, and assigns, to the full end of the term for which any of said Letters Patent may be granted.

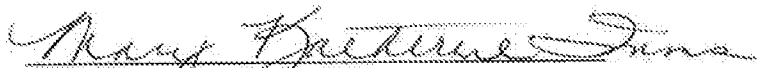
Executed this 15<sup>th</sup> day of May, 2019.

  
\_\_\_\_\_  
Dirk B. Warnaar, PhD

STATE OF )  
                  ) SS.  
COUNTY OF )

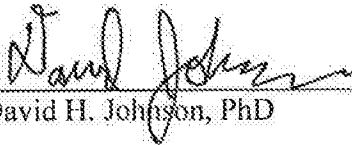
On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally appeared Dirk B. Warnaar, PhD, of 8537 Six Forks Rd, Suite 600, Raleigh, North Carolina 27615, to me known to be the person described in and who executed the foregoing instrument, and they duly acknowledged to me that they executed the same for the uses and purposes therein set forth.



  
\_\_\_\_\_  
Notary Public

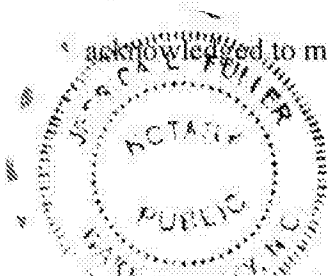
My Commission Expires 6/28/20

Executed this 15<sup>th</sup> day of May, 2019.

  
\_\_\_\_\_  
David H. Johnson, PhD

STATE OF NC )  
                  ) SS.  
COUNTY OF Wake )

On this 15<sup>th</sup> day of May, 2019, before me personally appeared David H. Johnson, PhD, of 8537 Six Forks Rd, Suite 600, Raleigh, North Carolina 27615, to me known to be the person described in and who executed the foregoing instrument, and they duly acknowledged to me that they executed the same for the uses and purposes therein set forth.

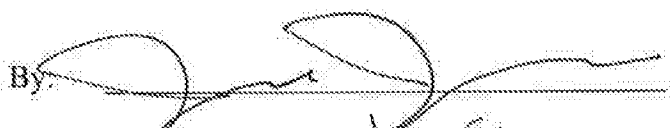


  
\_\_\_\_\_  
Notary Public

My Commission Expires Dec 6, 2019

Applied Research Associates, Inc. hereby declares it accepts the rights and property hereby assigned and transferred to it.

Applied Research Associates, Inc.

By:   
Name: Jason Janet  
Title: Dir of IP