12/13/2018 505234908

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHARI MATZNER	12/05/2018

RECEIVING PARTY DATA

Name:	BATTELLE MEMORIAL INSTITUTE
Street Address:	P.O. BOX 999, K1-53
City:	RICHLAND
State/Country:	WASHINGTON
Postal Code:	99352

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16203115

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ATTORNEY DOCKET NUMBER:	31418-E
NAME OF SUBMITTER:	ALLAN C. TUAN
SIGNATURE:	/ ALLAN C. TUAN, REG. NO. 55,689 /
DATE SIGNED:	12/13/2018

Total Attachments: 4

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> **PATENT REEL: 047765 FRAME: 0975**

505234908

ASSIGNMENT OF PATENT RIGHTS

Shari Matzner

To Battelle Memorial Institute

WHEREAS, I, Shari Matzner of Sequim, County of Clallam, State of Washington; hereinafter INVENTOR, am the original inventor of certain inventions related to, SENSORS AND METHOS FOR MONITORING FLYING OBJECTS including those, described and claimed in various disclosures and patent applications including:

U.S. Patent Application No. 16/203,115, filed November 28, 2018, Entitled: Sensors and Methods for Monitoring Flying Objects

; collectively referred to hereinafter as INVENTIONS.

For which I hereby authorize to be made any and all applications for Patent in the United States and any other country for such INVENTIONS.

WHEREAS Battelle Memorial Institute, a corporation of Ohio, organized and existing under the laws of the State of Ohio, and having a place of business in the City of Richland, Washington, has by prior agreement acquired all right, title, and interest in the said INVENTIONS and in all patents or patent applications sought or obtained therefor;

NOW, THEREFORE, be it known to all those who may be concerned, that for and in consideration of the sum of One Dollar (\$1.00) each, and other good and valuable considerations, the receipt of which is hereby acknowledged, I the INVENTOR do hereby reaffirm said assignment and do hereby confirm by these presents the sale, assignment and transfer unto the said Battelle Memorial Institute, the entire right, title, and interest in and to the INVENTIONS shown, described, or claimed herein, and the full and exclusive right, title, and interest to any and all patents and patent applications that show, describe or claim said INVENTIONS including but

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not limited to those applications referenced herein, and in and to any extensions, continuations, including continuations in part, reissues, divisions, or renewals thereof; and I do hereby authorize and request the Commissioner of Patents or other proper Officer, to issue such Letters Patent, or any of them to the said Battelle Memorial Institute, as the assignee of my entire right, title, and interest in and to the same for the sole use and benefit of the said Battelle Memorial Institute, and its successors or assigns.

I each further covenant and agree that I each will, at the request and expense of the said Battelle Memorial Institute, execute such other and further assurances of title as may be necessary or proper to fully convey the interest herein sought to be conveyed; and that each of us will, at the request and expense of the said Battelle Memorial Institute, execute such application papers as may be desired by the said Battelle Memorial Institute, for the filing of any division or renewal of the application herein conveyed, or for reissues or extensions (including continuations or continuations in part applications), or any Letters Patent that may be granted upon said application, and will execute such Supplemental Oaths and Preliminary Statements, or other papers as desired by the said Battelle Memorial Institute.

I further reaffirm the assignment unto the said Battelle Memorial Institute, the whole right, title, and interest to the invention disclosed in all patent applications, and priority document throughout all countries including but not limited to those foreign to the United States, and do hereby authorize the said Battelle Memorial Institute to apply for any and all patents therefor in its own name in any such countries where such procedure is proper and to claim the benefit of International Conventions and agree to execute applications of the said invention in the several countries where it is necessary that the same be executed by the inventors, and to execute assignments of such applications and the patents to be obtained therefor to the said Battelle Memorial Institute, the assignee herein, as well as all other necessary papers.

I do further hereby acknowledge that any willful false statements made in this assignment is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years or both.

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Accepted by Battelle Memorial II	astitute:
Executed at Richland, State of W	ashington, this 15 day of December, 2018.
	Mac
	Allan Č. Tuan
	Senior Patent Agent
	Intellectual Property Legal Services
STATE OF Washington)
COUNTY OF Benton) SS.

This <u>13th</u> day of December, 2018, before me personally came the above-named Allan C. Tuan, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.

[SEAL] SEAL OF WASHINGTON OF W

Notary Public for the State of Washington
My commission expires: 1/29/20

Executed at Seguin, State of Washington, this 5 day of December, 2018.
Shari Matzner Shari Matzner
STATE OF Washington) ss. COUNTY OF Clallam)
This 5 day of December, 2018, before me personally came the above-named Shari Matzner, who executed the foregoing instrument in my presence, and who acknowledged to me that she executed the same of her own free will for the purposes set forth therein.
NOTARY PUBLIC State of Washington REBEKAH ASIN My Appointment Expires 6/19/21 [SEAL]

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