PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7292887

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRIAN P. WILLIAMS	04/21/2022

RECEIVING PARTY DATA

Name:	UT-Battelle, LLC
Street Address:	One Bethel Valley Road
Internal Address:	4500N, MS-6258
City:	Oak Ridge
State/Country:	TENNESSEE
Postal Code:	37831-6258

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16998678

CORRESPONDENCE DATA

Fax Number: (865)574-0381

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.

Phone: (865) 341-0393 Email: vanceke@ornl.gov Correspondent Name: DAN VACAR

Address Line 1: ONE BETHEL VALLEY ROAD

Address Line 2: 4500N, MS-6258

Address Line 4: OAK RIDGE, TENNESSEE 37831-6258

ATTORNEY DOCKET NUMBER:	4393.1
NAME OF SUBMITTER:	KAREN E. VANCE
SIGNATURE:	/KE Vance/
DATE SIGNED:	04/22/2022

Total Attachments: 3

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PATENT REEL: 059674 FRAME: 0181 507245967

RECORDATION FORM COVER SHEET							
PATENTS ONLY							
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.							
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)						
Brian P. Williams	Name: UT-Battelle, LLC						
	Internal Address: 4500N, MS-6258						
Additional name(s) of conveying party(ies) attached? Yes V No							
3. Nature of conveyance/Execution Date(s):	Street Address: One Bethel Valley Road						
Execution Date(s) 04/21/2022							
Assignment Merger							
Security Agreement Change of Name	City: Oak Ridge						
Joint Research Agreement	State: TN						
Government Interest Assignment							
Executive Order 9424, Confirmatory License	Country: <u>USA</u> <u>Zip: 37831-6258</u>						
Other	Additional name(s) & address(es) attached? Yes Vo						
A. Patent Application No.(s) 16/998,678 Additional numbers at	B. Patent No.(s)						
5. Name and address to whom correspondence	6. Total number of applications and patents						
concerning document should be mailed:	involved:_1						
Name: Dan Vacar	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00						
Internal Address: UT-Battelle, LLC	Authorized to be charged by credit card						
	Authorized to be charged to deposit account						
Street Address: One Bethel Valley Road	Enclosed						
4500N, MS-6258	None required (government interest not affecting title)						
City: Oak Ridge	8. Payment Information						
State: TN Zip:37831-6258	a. Credit Card Last 4 Numbers Expiration Date						
Phone Number: (865) 341-0393							
Fax Number: (865) 574-0381	b. Deposit Account Number 13-1958						
Email Address: vacardv@ornl.gov	Authorized User Name Karen E. Vance						
9. Signature: /Dan Vacar/	04/22/2022						
Signature	Date						
Dan Vacar, Reg. No. 63579 Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:						

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

REEL: 059674 FRAME: 0182

ASSIGNMENT

WHEREAS, I the below-named inventor whose residence is as stated below, have an interest in an invention entitled:

BALANCED LIGHT DETECTOR

(hereinafter referred to as "Subject Invention") for which are described in United States Patent Application No. 16/998,678 filed on August 20, 2020, and

WHEREAS, UT-BATTELLE, LLC, a limited liability company of the State of Tennessee, having an office at One Bethel Valley Road, P. O. Box 2008, Oak Ridge, Tennessee 37831-6258, hereinafter referred to as "ASSIGNEE," is desirous of acquiring my entire right, title and interest of the undersigned in the same;

NOW, THEREFORE, in accordance with the terms of my employment agreement with ASSIGNEE and for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby assign and transfer to ASSIGNEE and its successors in interest my entire right, title and interest in the Subject Invention to all rights of priority thereto pursuant to the International Convention for the Protection of Industrial Property, and in any Letters Patent on the Subject Invention that may be granted in the United States of America and in any and all foreign countries, including any and all Letters Patent that are divisions, reissues, continuations, substitutions or extensions of any Letters Patent or patent applications therefor on the Subject Invention.

I hereby authorize and request the Commissioner of the United States Patent and Trademark Office and the officials of all foreign countries to issue all said Letters Patent, when granted, to the ASSIGNEE.

Further, I hereby agree to communicate to said ASSIGNEE or its representatives any facts known to me respecting said Subject Invention, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, to execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, and to make all rightful oaths and generally do everything possible to aid said ASSIGNEE and its representatives to obtain and enforce proper protection for said Subject Invention in the United States of America and in any and all foreign countries.

I further agree that the terms, covenants, and conditions of this assignment shall inure to the benefit of ASSIGNEE, its successors, assigns, and legal representatives, and shall be binding on me, my heirs, legal representatives, and assigns.

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Name of Inventor:	Brian P. Williams		
Signature: / D/Z	ia Dilli-	 Date:	4/21/22

612 Edwards Drive, Knoxville, Tennessee 37920

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Residence: