## 506907578 10/06/2021

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date	
KEITH CENGEL	03/02/2021	
ERIC STANTON DIFFENDERFER	03/02/2021	

#### **RECEIVING PARTY DATA**

Name:	TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA
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Internal Address:	9TH FLOOR
City:	PHILADELPHIA
State/Country:	PENNSYLVANIA
Postal Code:	19104

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17486499

## **CORRESPONDENCE DATA**

**Fax Number:** (877)769-7945

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Correspondent Name: ELIZABETH N. KAYTOR
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Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	38952-0010002
NAME OF SUBMITTER:	KARISSA ROBINSON
SIGNATURE:	/Karissa Robinson/
DATE SIGNED:	10/06/2021

## **Total Attachments: 6**

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PATENT 506907578 REEL: 057711 FRAME: 0617

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> PATENT REEL: 057711 FRAME: 0618

DOCKET NO.: 38952-0010001

Penn Docket: 19-8782

#### ASSIGNMENT

WHEREAS, I, Keith Cengel, a citizen of United States, residing at 24 Levering Circle, Bala Cynwyd, Pennsylvania, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number 38952-0010001 ("the invention"), assigned application number 16/145,787 filed September 28, 2018, which is entitled "SENSITIZING CELLS TO PROTON RADIATION" ("the subject application"), and which claims priority to patent application number 62/565,970 filed September 29, 2017 ("the priority application").

AND WHEREAS, The Trustees of the University of Pennsylvania, ASSIGNEE, having a place of business at 3600 Civic Center Boulevard, 9th Floor, Philadelphia, PA 19104, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/ or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

# DOCKET NO.: 38952-0010001

IN TEST my signature.	TIMONY W	HEREOF,	I have signed	my name be	elow on the date indicated above
Executed this	2nd	day of	March	, year of _	2021
KothCe	wS_				
Signature - Keitl	h Cengel				
*****	*****	*****	*****	******	**********
WITNESS					
Bala Cyı	nwyd, P	Ą			
Signed At (City/	(State)				
Maria Car	inato Ce	engel			
Name					
Signature					
March 2,	2021				
Date			-		

This assignment is accepted on behalf of The Trustees of the University of Pennsylvania by:

March 12, 2021

Date

Jennifer Langenberger

Director, Intellectual Property

DOCKET NO.: 38952-0010001

Penn Docket: 19-8782

#### ASSIGNMENT

WHEREAS, I, Eric Stanton Diffenderfer, a citizen of United States, residing at 628 Wallace Drive, Wayne, Pennsylvania, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number 38952-0010001 ("the invention"), assigned application number 16/145,787 filed September 28, 2018, which is entitled "SENSITIZING CELLS TO PROTON RADIATION" ("the subject application"), and which claims priority to patent application number 62/565,970 filed September 29, 2017 ("the priority application").

AND WHEREAS, The Trustees of the University of Pennsylvania, ASSIGNEE, having a place of business at 3600 Civic Center Boulevard, 9th Floor, Philadelphia, PA 19104, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal

DOCKET NO.: 38952-0010001					
Penn Docket: 19-8782					
representatives, and assigns, to obtain countries.	and enforce	proper pro	tection for	the inven	tion in all
IN TESTIMONY WHEREOF, I my signature.	I have signed	my name be	elow on the	date indic	ated above
Executed this day of	March	, year of _	2021		
Signature - Eric Stanton Diffenderfer					
**********	*****	*****	*****	******	******
WITNESS					
Wayne, PA					
Signed At (City/State)	•				
Peiyu Wu					
Name ( ( )	-				
Signature					
03/02/2021	_				
Date					

Penn Docket: 19-8782

This assignment is accepted on behalf of The Trustees of the University of Pennsylvania by:

March 12, 2021

Date

Jennifer Langenberger

DOCKET NO.: 38952-0010001

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**Director, Intellectual Property**