505411365 04/04/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5458155

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARK OLDHAM	11/21/2017
JUSTUS ADAMSON	02/06/2018
PAUL YOON	03/05/2018

RECEIVING PARTY DATA

Name:	DUKE UNIVERSITY
Street Address:	2020 WEST MAIN ST.
Internal Address:	SUITE 10
City:	DURHAM
State/Country:	NORTH CAROLINA
Postal Code:	27705

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15819130

CORRESPONDENCE DATA

Fax Number: (703)413-2220

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: (703) 413-3000

Email: atrumpler@oblon.com

Correspondent Name: OBLON, ET AL.

Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER: 509123US

NAME OF SUBMITTER: ANDREW TRUMPLER

SIGNATURE: /Andrew Trumpler/

DATE SIGNED: 04/04/2019

Total Attachments: 3

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PATENT 505411365 REEL: 048794 FRAME: 0422

Attorney Docket Number: 509123US

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of PHOSPHOR-CONTAINING DRUG ACTIVATOR ACTIVATABLE BY A MONTE CARLO DERIVED X-RAY EXPOSURE, SYSTEM CONTAINING THE ACTIVATOR, AND METHODS FOR USE		
As the below named inventor, I hereby declare that: This declaration The attached application, or		
•••		
is directed to: United States application or PCT international application number 15/819,130 filed on November 21, 2017.		
The above-identified application was made or authorized to be made by me.		
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.		
WHEREAS, DUKE UNIVERSITY (hereinafter referred to as "ASSIGNEE") having places of business at: 2020 West Main St., Suite 10, Durham, NC 27705, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;		
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.		
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.		
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.		
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.		
LEGAL NAME OF INVENTOR		
Inventor: Mark OLDHAM Date: 11/21/2017		
Signature: Work Newon		

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

PATENT REEL: 048794 FRAME: 0423 Attorney Docket Number: 509123US

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	PHOSPHOR-CONTAINING DRUG ACTIVATOR ACTIVATABLE BY A MONTE CARLO DERIVED X-RAY EXPOSURE, SYSTEM CONTAINING THE
***************************************	ACTIVATOR, AND METHODS FOR USB
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	The attached application, or
is directed to:	United States application or PCT international application number 15/819,130 filed on November 21, 2017
The above-identifie	d application was made or authorized to be made by mc.
I believe that I am t	he original inventor or an original joint inventor of a claimed invention in the application.
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respecting said inv continuation, substi all of said Letters Pe to aid said ASSIGN	that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me rention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, tute, renewal and reissue applications, execute all necessary assignment papers to cause any and stent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible EE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in d its territorial possessions and in any and all foreign countries.
	ledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 nent of not more than five (5) years, or both.
LEGAL NAME OF	g g
Inventor: Justus A	DAMSON / Date: 2/6/18
Signature:	Test A
Canada de Canada	ORLON McCLELLAND, MAIER & NEUSTADT, L.L.P.

OBLON, MCCLELLAND, MAIER & NEUSTADT, L.I ATTORNEYS AT LAW 1940 DUKE STREET

ALEXANDRIA, VIRGINIA 22314

Attorney Docket Number: 509123US

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	PHOSPHOR-CONTAINING DRUG ACTIVATOR ACTIVATABLE BY A MONTE CARLO DERIVED X-RAY EXPOSURE, SYSTEM CONTAINING THE	
As the below name	ACTIVATOR, AND METHODS FOR USE inventor, I hereby declare that:	
	The attached application, or	
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	filed on November 21, 2017	
The above-identifie	i application was made or authorized to be made by me.	
I believe that I am t	ne original inventor or an original joint inventor of a claimed invention in the application.	
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Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.		
I hereby acknow by fine or imprisons	edge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 nent of not more than five (5) years, or both.	
LEGAL NAME OF		
Inventor: Paul YC	ON Date: 03/05/2018	
Signature:	5 L 400 IL	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
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PATENT REEL: 048794 FRAME: 0425

RECORDED: 04/04/2019