505625417 08/16/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5672220

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY DA	АТА			
		Name	Execution Date	
HAROLD WALDER			06/20/2019	
FREDERIC A. BOURKE			06/19/2019	
ZAKARYAE FATHI			06/18/2019	
WAYNE F. BEYER			06/19/2019	
RECEIVING PARTY DA	ТА			
Name:	IMMU	NOLIGHT, LLC.		
Street Address:	1901 5	ST. ANTOINE ST.		
Internal Address:	6TH FLOOR AT FORD FIELD			
City:	DETROIT			
State/Country:	MICHIGAN			
Postal Code:	48226			
PROPERTY NUMBERS	Total: 1		1	
Property Type		Number		
Application Number:		15307766		
CORRESPONDENCE D	۸۳۸			
Fax Number:		(703)413-2220		
	e sent t	o the e-mail address first; if that is uns	successful, it will be sent	
• • •	orovide	d; if that is unsuccessful, it will be sen	t via US Mail.	
Phone: Email:		(703) 413-3000 wsmith@oblon.com		
Correspondent Name:		OBLON, ET AL.		
Address Line 1:		1940 DUKE STREET		
Address Line 4:		ALEXANDRIA, VIRGINIA 22314		
ATTORNEY DOCKET NU				
ALIONNET DUCKELNU				
			WILLIAM SMITH	
SIGNATURE:		/William Smith/		
NAME OF SUBMITTER: SIGNATURE: DATE SIGNED:		/William Smith/ 08/16/2019	(Declaration (27.05D + 0.0))	
SIGNATURE:		/William Smith/	/Declaration (37 CFR 1.63).	

source=479054USAssignmentIMMUNOLIGHTLLC#page1.tif	
source=479054USAssignmentIMMUNOLIGHTLLC#page2.tif	
source=479054USAssignmentIMMUNOLIGHTLLC#page3.tif	
source=479054USAssignmentIMMUNOLIGHTLLC#page4.tif	

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

Title of	TUMOR IMAGING WITH X-RAYS AND OTHER HIGH ENERGY SOURCES
Invention	USING AS CONTRAST AGENTS PHOTON-EMITTING PHOSPHORS
	HAVING THERAPEUTIC PROPERTIES
As the below name	d inventor, I hereby declare that:
This declaration	The attached application, or
is directed to:	United States application or PCT international application number <u>15/307,766</u> filed on <u>October 28, 2016</u>
The above-identified	ad application was made or authorized to be made by me.
I believe that I am	he original inventor or an original joint inventor of a claimed invention in the application.
WHEREAS, IM	MUNOLIGHT, LLC
	d to as "ASSIGNEES") having places of business at: <u>1901 St. Antoine St., 6th Floor at Ford</u>

(hereinafter referred to as "ASSIGNEES") having places of business at: <u>1901 St. Antoine St., 6th Floor at Ford</u> <u>Field, Detroit, MI 48226</u>, respectively are desirous of jointly acquiring interests in 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 ASSIGNEES, 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 ASSIGNEES as the assignees of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, their 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 ASSIGNEES or their 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 ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their 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: Harold WALDER

Signature:

Date: 6/20/19

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

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

Title of Invention	TUMOR IMAGING WITH X-RAYS AND OTHER HIGH ENERGY SOURCES USING AS CONTRAST AGENTS PHOTON-EMITTING PHOSPHORS HAVING THERAPEUTIC PROPERTIES
As the below name	d inventor, I hereby declare that:
This declaration] The attached application, or
is directed to:	United States application or PCT international application number <u>15/307,766</u> filed on <u>October 28, 2016</u>
The above-identifie	ed 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, IM	MUNOLIGHT, LLC
Field, Detroit, MI - in and to said inve	ed to as "ASSIGNEES") having places of business at: <u>1901 St. Antoine St., 6th Floor at Ford</u> <u>48226</u> , respectively are desirous of jointly acquiring interests in the entire right, title and interest ntion and in and to any Letters Patent that may be granted therefore in the United States and its ons and in any and all foreign countries;
acknowledged, and said ASSIGNEES, and in all foreign c other relevant Inter interest in and to a	FORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby I for other good and valuable consideration, I, by these presents do sell, assign and transfer unto the full and exclusive right to the said invention in the United States and its territorial possessions countries (including the right to claim priority under the terms of the International Convention and mational Treaties and Arrangements from the aforesaid application) and the entire right, title and any and all Letters Patent which may be granted therefor in the United States and its territorial n any and all foreign countries and in and to any and all divisions, reissues, continuations, enewals thereof.
any and all foreign assignees of my e their successors an	ize and request the Patent Office Officials in the United States and its territorial possessions and a countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the ntire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, ad assigns, to the full end of the term for which said Letters Patent may be granted, as fully and e would have been held by me had this Assignment and sale not been made.
respecting said in continuation, subst all of said Letters possible to aid said	e that I will communicate to said ASSIGNEES or their representatives any facts known to me wention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, itute, renewal and reissue applications, execute all necessary assignment papers to cause any and Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything id ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said nited States and its territorial possessions and in any and all foreign countries.
	wledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 iment of not more than five (5) years, or both.
LEGAL NAME O	FINVENTOR
Inventor: Frederi	ic A. BOURKE Date: 6/19/19
Signature	Lall
	OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P. ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

PATENT REEL: 050073 FRAME: 0378

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

	TUMOR IMAGING WITH X-RAYS AND OTHER HIGH ENERGY SOURCES USING AS CONTRAST AGENTS PHOTON-EMITTING PHOSPHORS HAVING THERAPEUTIC PROPERTIES
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 <u>15/307,766</u> filed on <u>October 28, 2016</u>
The above-identified	application was made or authorized to be made by me.
I believe that I am th	e original inventor or an original joint inventor of a claimed invention in the application.
	UNOLIGHT, LLC
to said invention and	to as "ASSIGNEES") baving places of business at: <u>1901 St. Antoine St., 6[±] Floor at Ford Field</u> , respectively are desirous of jointly acquiring interests in the entire right, title and interest in and in and to any Letiers Patent that may be granted therefore in the United States and its territorial by and all foreign countries;
said ASSIGNEES, th and in all foreign con other relevant Interna interest in and to any	ORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby or other good and valuable consideration, I, by these presents do sell, assign and transfer unto e full and exclusive right to the said invention in the United States and its territorial possessions intries (including the right to claim priority under the terms of the International Convention and ational Treaties and Arrangements from the aforesaid application) and the entire right, title and y and all Leiters Patent which may be granted therefor in the United States and its territorial any and all foreign countries and in and to any and all divisions, reissues, continuations, twals thereof.
assignees of my enti- their successors and	e and request the Patent Office Officials in the United States and its territorial possessions and ountries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the re right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES. assigns, to the full end of the term for which said Letters Patent may be granted, as fully and yould have been held by me had this Assignment and sale not been made.
Further, I agree	that I will communicate to said ASSIGNEES or their 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 ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their 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 INVE	NTOR	÷		
Inventor: Zakaryae FAT		Date	6-18	19
Signature	A Been		····· \$6 ⁶ ······	

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

> PATENT REEL: 050073 FRAME: 0379

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

Title of InventionTUMOR IMAGING WITH X-RAYS AND OTHER HIGH ENERGY SOURCES USING AS CONTRAST AGENTS PHOTON-EMITTING PHOSPHORS HAVING THERAPEUTIC PROPERTIES
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 <u>15/307,766</u> filed on <u>October 28, 2016</u>
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, IMMUNOLIGHT, LLC
(hereinafter referred to as "ASSIGNEES") having places of business at: <u>1901 St. Antoine St., 6th Floor at Ford</u> <u>Field, Detroit, MI 48226</u> , respectively are desirous of jointly acquiring interests in 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 ASSIGNEES, 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 ASSIGNEES as the assignees of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, their 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 ASSIGNEES or their 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 ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their 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: Wayne F. BEYER Date: June 19, 2019
Signature: Digitally signed by Wayne F. Beyer, Jr. Ph.D. DB: cn=Wayne F. Beyer, Jr. Ph.D. DB: cn=Wayne F. Beyer, Jr. Ph.D.
1 Date: 2019.06.19 07:05:29 -04'00'
OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P. ATTORNEYS AT LAW

1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314