### 503916748 07/15/2016

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3963400

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
WAYNE F. BEYER JR.	05/04/2016
HAROLD WALDER	05/03/2016

#### **RECEIVING PARTY DATA**

Name:	IMMUNOLIGHT, LLC
Street Address:	1901 ST. ANTOINE STREET
Internal Address:	6TH FLOOR AT FORD FIELD
City:	DETROIT
State/Country:	MICHIGAN
Postal Code:	48226

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14603539

#### **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.

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: (703) 413-3000
Email: dmsmith@oblon.com
Correspondent Name: OBLON, ET AL.
Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	447341US23X
NAME OF SUBMITTER:	DOROTHY SMITH
SIGNATURE:	/Dorothy Smith/
DATE SIGNED:	07/15/2016

#### **Total Attachments: 4**

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> PATENT REEL: 039164 FRAME: 0289

## **Assignment of Application**

ISERT NAMES	WHEREAS, I (W	E) Wenle XIA of Durham, Nort	h Carolina;		
ND RESIDENCE DDRESS OF HE INVENTORS:		David GOODEN of Durham	, North Carolina;		
IL INVENTORS.		Erik J. SODERBLOM of Du	rham, North Carol	ina;	1 1111111111111111111111111111111111111
		Eric J. TOONE of Durham, N	North Carolina;		
		Neil L. SPECTOR of Durhar	n, North Carolina	(all assigning to Duke	University only)
		and			
	•	Wayne F. BEYER, Jr. of Bel	ville, North Caroli	ina;	
		Harold WALDER of Belville	e, North Carolina	(both assigning to Immur	nolight only)
		***************************************	***************************************		
					, respectively,
ISERT TITLE OF	have invented cer	tain new and useful improvemen	nts in: <u>USE OF PS</u>	SORALEN DERIVATIV	ES AND COMBINATION
IVENTION:	THERAPY FOR TREATMENT OF CELL PROLIFERATION DISORDERS				
	(Application No.	14/603,539	, filedJan	uary 23, 2015	), and
ISERT NAME	WHEREAS,	1) IMMUNOLIGHT, LLC	2) DUKE UNI	VERSITY	v vytoritististo.

INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE

(hereinafter referred to as "ASSIGNEES") having places of business at: 1) 1901 St. Antoine Street, 6th Floor at Ford Field, Detroit, Michigan, 48226 2) 2020 West Main Street, Suite 10, Durham, North Carolina 27705, 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 (WE), 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(s)) 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 (WE) 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 (our) 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 (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEES or their representatives any facts known to me (us) 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.

The undersigned hereby grant(s) the firm of Oblon, McClelland, Maier & Neustadt, L.L.P. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:			
		(Signature of Inventor)	Wenle XIA
Date: _			
		(Signature of Inventor)	David GOODEN
Date: _			
		(Signature of Inventor)	Erik J. SODERBLOM
Date: _			
		(Signature of Inventor)	Eric J. TOONE
Date:			
	/ / -	(Signature of Inventor)	Neil L. SPECTOR Digitally signed by Wayne F. Beyer, Jr. Ph.D. DN: cn=Wayne F. Beyer, Jr. Ph.D., o, ou=QNS
Date:	05/04/16	oragnet for	Group, LLC, email=wbeyer@qnsgroup.com, c=US Date: 2016.05.04 11:46:37 -04'00'
		(Signature of Inventor)	Wayne F. BEYER, jr.
Date:			
		(Signature of Inventor)	Harold WALDER

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

# **Assignment of Application**

WHEREAS, I (WE) Wenle XIA of Durham, North Carolina; INSERT NAMES AND RESIDENCE David GOODEN of Durham, North Carolina; ADDRESS OF THE INVENTORS: Erik J. SODERBLOM of Durham, North Carolina: Eric J. TOONE of Durham, North Carolina; Neil L. SPECTOR of Durham, North Carolina (all assigning to Duke University only) and Wayne F. BEYER, Jr. of Belville, North Carolina; Harold WALDER of Belville, North Carolina (both assigning to Immunolight only) have invented certain new and useful improvements in: USE OF PSORALEN DERIVATIVES AND COMBINATION INSERT TITLE OF THERAPY FOR TREATMENT OF CELL PROLIFERATION DISORDERS \_\_, filed \_\_January 23, 2015 (Application No. 14/603,539 ), and WHEREAS, 1) IMMUNOLIGHT, LLC 2) DUKE UNIVERSITY

INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE

(hereinafter referred to as "ASSIGNEES") having places of business at: 1) 1901 St. Antoine Street, 6th Floor at Ford Field, Detroit, Michigan, 48226 2) 2020 West Main Street, Suite 10, Durham, North Carolina 27705, 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 (WE), 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(s)) 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 (WE) 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 (our) 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 (us) had this Assignment and sale not been made.

PATENT REEL: 039164 FRAME: 0292 Further, I (WE) agree that I (WE) will communicate to said ASSIGNEES or their representatives any facts known to me (us) 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.

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Date:		
	(Signature of Inventor)	Wenle XIA
Date:		
	(Signature of Inventor)	David GOODEN
Date:		
	(Signature of Inventor)	Erik J. SODERBLOM
Date:		
	(Signature of Inventor)	Eric J. TOONE
Date:		
	(Signature of Inventor)	Neil L. SPECTOR
Date:		
	(Signature of Inventor)	Wayne F. BryER, it
Date: 5/3/16	<u> </u>	toud lealer
	(Signature of Inverse)	Harold WALDER

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

07/09

RECORDED: 07/15/2016

PATENT REEL: 039164 FRAME: 0293