506777605 07/21/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6824422

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JASON MCNEILL	01/10/2018
JIANGBO YU	01/12/2018

RECEIVING PARTY DATA

Name:	CLEMSON UNIVERSITY	
Street Address:	230 KAPPA STREET	
City:	CLEMSON	
State/Country:	SOUTH CAROLINA	
Postal Code:	29634	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16209729

CORRESPONDENCE DATA

Fax Number: (206)224-0779

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: 2066828100

Email: rosanne.chow@cojk.com

Correspondent Name: CHRISTENSEN O'CONNOR JOHNSON KINDNESS PLLC

Address Line 1: 1201 THIRD AVENUE

Address Line 2: SUITE 3600

Address Line 4: SEATTLE, WASHINGTON 98101-3029

ATTORNEY DOCKET NUMBER:	3915-P965US.CON.UW
NAME OF SUBMITTER:	ROSANNE F. CHOW
SIGNATURE:	/Rosanne F. Chow/
DATE SIGNED:	07/21/2021

Total Attachments: 3

source=68871_Parent_Assignment_McNeill_Yu#page1.tif source=68871_Parent_Assignment_McNeill_Yu#page2.tif source=68871_Parent_Assignment_McNeill_Yu#page3.tif

PATENT 506777605 REEL: 056932 FRAME: 0516

PATENT ASSIGNMENT

Docket Number: 41299-737.831

WHEREAS, the undersigned:

Jason MCNEILL
 Clemson, South Carolina
 US

Jiangbo YU
 24229 3rd Place West
 Bothell, Washington 98021

(hereinafter "Inventor(s)"), have invented certain new and useful improvements in

FUNCTIONALIZED CHROMOPHORIC POLYMER DOTS AND BIOCONJUGATES THEREOF

for which U.S. National Phase Application Serial Number 13/508,981 was filed on July 18, 2012, in the United States Patent and Trademark Office (hereinafter, "Application(s)"). The term "Application(s)" also includes all patent applications that share or claim priority to or from the above application(s).

WHEREAS, Clemson University, a university of the State of South Carolina, having a place of business at 230 Kappa Street, Clemson, South Carolina 29634, United States of America (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said Application(s), and the inventions disclosed therein, and in and to all embodiments of the inventions, heretofore conceived, made or discovered, whether jointly or severally, by said Inventor(s) (hereinafter collectively referred to as "Inventions"), and in and to any and all patents, inventor's certificates and other forms of protection thereon granted in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, including those filed under the Paris Convention for the Protection of Industrial Property, The Patent Cooperation Treaty or otherwise (hereinafter "Patent(s)").

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor(s) to have been received in full from said Assignee:

- 1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said Inventions; (b) in and to said Applications, including the right to claim priority to and from said Application(s); (c) in and to each and every application that is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s); (d) in and to said Patent(s) and each and every patent issuing or reissuing from any of the foregoing; (e) in and to each and every reissue, reexamination, renewal or extension of any kind of any of the foregoing; (f) in and to each and every patent and application filed outside the United States and corresponding to any of the foregoing; and (g) in and to all claims for past, present and future infringement of the Patent(s), including all rights to sue for and to receive and recover for Assignee's own use all past, present, and future lost profits, royalties, and damages of whatever nature recoverable from an infringement of the Patent(s).
- Said Inventor(s) hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any applications covering said Inventions; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Inventions; (d) for filing and prosecuting applications for reissuance of any said Patent(s); (e) for interference or other priority proceedings involving said Inventions; and (f) for legal proceedings involving said Inventions and any applications therefor and any Patent(s) granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that reasonable expenses incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.
- 3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns.
- 4. Said Inventor(s) hereby warrant, represent and covenant that said Inventor(s) have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.
- 5. Said Inventor(s) hereby request that any Patent(s) issuing in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, be issued in the name of the Assignce, or its successors and assigns, for the sole use of said Assignee, its successors, legal representatives and assigns.
- 6. This instrument will be interpreted and construed in accordance with the laws of the State of California, without regard to conflict of law principles. If any provision of this instrument is found to be illegal or unenforceable, the other provisions shall remain effective and enforceable to the greatest extent permitted by law. This instrument may be executed in counterparts, each of which is deemed an original, but all of which together constitute one and the same agreement.

IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below:

Page 1 of 2

PATENT REEL: 056932 FRAME: 0517

	PATENT ASSIGNMENT	Docket Number: 41299-737.831
Ome: <u>//////</u> //	Jason MCNERL	
A notary public or other officer accuracy, or validity of that doc	completing this certificate verifies only the identity of the individual summent.	who signed the document to which this certificate is attached, and not the trustifulness,
State of 7 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		. 1 l. t
0n <u>(10,80,074,10</u> Date	<u>, 208</u> before mo, <u>XVYC 0,00</u>	Here Inser: Name and Title of the Officer
	NE LL	
	Name(s) of Si	
who proved to me on the bosis same in his/her/their authorized instrument.	of satisfactory evidence to be the person(s) whose name(s) is/are subset I capacity(ies), and that by his/her/their signature(s) on the instrument	ribed to the within instrument and acknowledged to me that he/she/they executed the the person(s), or the entity upon behalf of which the person(s) acied, executed the
		I certify under PANALTY OF PERSURY under the laws of the State of State of Comments of the foregoing paragraph is true and comee.
		WITMESS my hand and official seal.
		Signature Signature of Natury Public
	<u></u>	
Oate:	Jiangbo YU	
A notary public or other officer occuracy, or validity of that does	completing this certificate verifies only the identity of the individual unnest.	the signed the document to which this scrifficate is attrohed, and not the truthfulness,
itate ofCounty of		
On	before me,	Nightary Public
personally appeared <u>Hangba Y</u>	60	Here Insert Name and Title of the Officer
seisonady opposited <u>riedenas</u>	Nome(s) of Su	pier(s)
vito proved to me on the basis same in his/her/thoir authorized narrument.	of satisfactory evidence to be the person(s) whose name(s) is/are subset I capacity(les), and that by his/her/their signature(s) on the instrument	ribed to the within instrument and acknowledged to me that he/she/they executed the the person(s), or the entity upon behalf of which the person(s) acted, executed the
		I certify under PENALTY OF PERSURY under the laws of the State of
		WITNESS my hand and official seal.
		SignatureSignature of Notary Public
RECEIVED AND AGREE	ED TO BY ASSIGNEE: Clemson University	
Date: 1//8/18	Signature: Name: Tanju Agranfil Title: VP for Rescarch	

9641071_I.DOC

Page 2 of 2

PATENT REEL: 056932 FRAME: 0518

· · · · · · · · · · · · · · · · · · ·				<u> </u>
	PATENT ASSIGNMENT	,		Docket Number: 41299-737.831
Oste: Jason	MCNESLL	······		
A notary public or other officer comple accuracy, or validity of that decement.	ting this certificate verifies only the idea	only of the individual who	r signed the documer	n to which this certificate is attached, and not the truthfulness,
Brisin of County of	, , , , , , , , , , , , , , , , , , ,			
Da Dass	ребие же.		Same Incort Manage	Notice Earlies
personally appeared Jason MCSEHLL				The specific control of the sp
Second Management		Name(s) of Sign	(r(b)	
			te person(s), or the r	rement and acknowledged in me that hershelling executed the softly upon behalf of which the person(a) acted, executed the titly under PENALTY OF PERSURY saider the laws of the
			State	of
			WIT	NESS my hand and official scal.
			Simo	Nime
				Signiture of Notary Public
A notary public or other officer comple	bo Yill and this certificate verifies only the ide	othy of the radividual wh	o signad the docume	n) to which this conditions is attented and not the trashfulness.
Economy of WASH/19478 VI		3		
Con 01-12-2018	pripis nos	ANDECH	LEE	nid Title of the Offices
			a a	
personally appeared <u>Hisogho VII</u>	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Name(s) of Sign		
who proved to me on the basis of satisf same in his/her/their authorized capacitinstrument. RECEIVED AND AGREED TO	NOTARY PUBLIC BY ASSIGNEE Gallon Univ		he person(s), or the I set State person WYT	trument and acknowledged to see that he/sherihey executed the entity upon behalf of which the person(s) acted, executed the fifty under PENALTY OF PERIURY under the laws of the of NABA112 218 82 that the foregoing graph is frue and correct. Of RESS my band and official seal state of Nature of Nature Public
Date: Strott a	Signature: Name: Tanju Kasanfil Title: Vice President for Re	esearch		

9641071_1.DOC

RECORDED: 07/21/2021

Page 2 of 2

PATENT REEL: 056932 FRAME: 0519