504861592 04/10/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4908331

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY D	ΑΤΑ				
		Name Execution	on Date		
BERNARD L. BALLOU	JR.	10/11/201	12		
MARK PACKER		10/17/201	12		
RUSSELL JOHN MUMF	PER	10/11/201	10/11/2012		
TSONTCHO INACHULE	EV	10/22/201	12		
RECEIVING PARTY DA					
Name:	CORIN	ITHIAN OPHTHALMIC, INC.			
Street Address:	8601 S	IX FORKS ROAD			
Internal Address:	SUITE	400			
City:	RALEIC	GH			
State/Country:		NORTH CAROLINA			
State/Country.	1				
Postal Code:	27615				
-	27615				
Postal Code:	27615				
Postal Code: PROPERTY NUMBERS Property Type	27615 5 Total: 1	Number			
Postal Code: PROPERTY NUMBERS Property Type Application Number:	27615 5 Total: 1	Number			
Postal Code: PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE I Fax Number: Correspondence will b	27615 Total: 1 DATA	Number 15459529	sent		
Postal Code: PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE I Fax Number: Correspondence will b	27615 Total: 1 DATA	Number 15459529 (303)572-7883 o the e-mail address first; if that is unsuccessful, it will be	sent		
Postal Code: PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE E Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Email: Correspondent Name:	27615 Total: 1 DATA	Number 15459529 (303)572-7883 o the e-mail address first; if that is unsuccessful, it will be sent via US Mail. uspt@polsinelli.com POLSINELLI PC	sent		
Postal Code: PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE I Fax Number: Correspondence will b using a fax number, if Email: Correspondent Name: Address Line 1:	27615 Total: 1 DATA	Number 15459529 (303)572-7883 o the e-mail address first; if that is unsuccessful, it will be sent via US Mail. uspt@polsinelli.com POLSINELLI PC 1401 LAWRENCE STREET	sent		
Postal Code: PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE E Fax Number: Correspondence will b using a fax number, if Email: Correspondent Name: Address Line 1: Address Line 2:	27615 Total: 1	Number 15459529 (303)572-7883 o the e-mail address first; if that is unsuccessful, it will be sent via US Mail. uspt@polsinelli.com POLSINELLI PC 1401 LAWRENCE STREET SUITE 2300	sent		
Postal Code: PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE I Fax Number: Correspondence will b using a fax number, if Email: Correspondent Name: Address Line 1:	27615 Total: 1	Number 15459529 (303)572-7883 o the e-mail address first; if that is unsuccessful, it will be sent via US Mail. uspt@polsinelli.com POLSINELLI PC 1401 LAWRENCE STREET	sent		
Postal Code: PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE E Fax Number: Correspondence will b using a fax number, if Email: Correspondent Name: Address Line 1: Address Line 2:	27615 Total: 1	Number 15459529 (303)572-7883 o the e-mail address first; if that is unsuccessful, it will be sent via US Mail. uspt@polsinelli.com POLSINELLI PC 1401 LAWRENCE STREET SUITE 2300	sent		
Postal Code: PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE I Fax Number: Correspondence will b using a fax number, if Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	27615 Total: 1	Number 15459529 (303)572-7883 o the e-mail address first; if that is unsuccessful, it will be sent via US Mail. uspt@polsinelli.com POLSINELLI PC 1401 LAWRENCE STREET SUITE 2300 DENVER, COLORADO 80202	sent		
Postal Code: PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE E Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: TTORNEY DOCKET N	27615 Total: 1	Number 15459529 (303)572-7883 <i>o the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> uspt@polsinelli.com POLSINELLI PC 1401 LAWRENCE STREET SUITE 2300 DENVER, COLORADO 80202 P235204.US.19C	sent		

source=P235204_InventorsCorinthian#page1.tif

source=P235204_InventorsCorinthian#page2.tif	
source=P235204_InventorsCorinthian#page3.tif	
source=P235204_InventorsCorinthian#page4.tif	
source=P235204_InventorsCorinthian#page5.tif	

ASSIGNMENT

WHEREAS, we, Bernard L. Ballou Jr., of Raleigh, North Carolina, Mark Packer, of Eugene, Oregon, Russell John Mumper, of Chapel Hill, North Carolina, and Tsontcho Inachulev, of San Mateo, California (hereinafter, individually and collectively the "Assignor"), have invented certain new and useful systems, devices, and methods disclosed and described in a utility application for Letters Patent in the United States ("U.S."), titled "Ophthalmic Drug Delivery," which can be identified in the United States Patent and Trademark Office ("USPTO") by Application No. 13/184,446, filed on July 15, 2011 (the "Utility Application"); and

WHEREAS, Assignor desires to assign any and all right, title and interest to said Utility Application, and any provisional, non-provisional, continuation, continuation-in-part, divisional, international, foreign, regional and convention applications corresponding thereto, and any and all Letters Patent of the United States and countries and regions foreign thereto which may grant or have granted thereto or be lodged in relation thereto, any reissue or reexamination thereof or to be obtained therefor, any renewals, or substitutes thereof, and any and all priority rights or priority claims, International Convention rights, any and all rights to collect past damages for infringement of any and all Letters Patent of the United States and countries and regions foreign thereto which may be published, which may grant, or have granted thereto or be lodged in relation thereto, and other benefits accruing to or to accrue to Assignor with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto (the "Patent Rights");

WHEREAS, Corinthian Ophthalmic, Inc., a corporation organized and existing under the laws of the State of North Carolina, and having its principal place of business at 8601 Six Forks Road, Suite 400, Raleigh, North Carolina (the "Assignee"), desires to acquire any and all, right, title, and interest of Assignor in and to the invention(s), the Patent Rights, and in, to, and under any and all Letters Patent to be obtained therefor;

NOW THEREFORE, for the sum of \$1.00 and other good and valuable consideration to Assignor in hand paid, the receipt and sufficiency of which are hereby acknowledged, Assignor has sold, assigned, and transfer and by these presents does hereby sell, assign and transfer to the said Assignee, and said Assignee's legal representatives, successors and assigns, any and all of the entire right, title and interest in and to the invention(s), Patent Rights, and any and all Letters Patent to be obtained therefor;

UPON SAID CONSIDERATION, the Assignor hereby covenants and agrees with the said Assignee that it will not execute any writing or do any act whatsoever conflicting with these presents, and that it will, at any time upon request, without further or additional consideration, but at the expense of the said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, provisionals, non-provisionals, continuations, continuations-in-part, continuing prosecutions, divisionals, renewals, reissues, reexamined or extended Letters Patent of the United States, or of any and all foreign countries, on said Patent Rights, and execute confirmatory assignments or acknowledgments of this assignment as necessary for full enjoyment of the Patent Rights and for recording in foreign patent offices, and in enforcing any rights or choses in action accruing as a result of such Patent Rights, by giving testimony in any proceedings or transactions involving such Patent Rights, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and

1 of 4

PATENT REEL: 045494 FRAME: 0902 agreement shall bind, and inure to the benefit of, the assigns and legal representatives of both parties;

UPON SAID CONSIDERATION, Assignor represents and warrants that Assignor has the right, title, and authority to execute this Assignment and to convey any and all right, title, and interest in the Patent Rights, and that Assignor has not conveyed nor will convey hereafter all or part of the Patent Rights to a third party;

ASSIGNOR HEREBY AUTHORIZES said Assignee, its successors, and assigns, or anyone it may properly designate, to apply for Letters Patent in the U.S. and any and all foreign countries and regions, in its own name if desired, and additionally to claim priority to the filing date of the Utility Application and otherwise take advantage of the provisions of any international conventions.

IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment-upon the date indicated below.

Date:

Bernard L. Ballou Jr

STATE OF 88. COUNTY OF MARCE

My commission expires: 4-12-13

On this 11th day of Ortobar , 2012, before me a Notary Public in and for said county, personally appeared Bernard L. Ballou Jr. who executed the foregoing instrument and acknowledged that he signed, sealed and delivered the same instrument as a free and voluntary act for the purposes and considerations therein expressed.

SEAL

Marta Notary Public

PATENT REEL: 045494 FRAME: 0903

e to see all and a second s		L .,					
				A	ttorney Do	icket No. F	235204.US
						7	
	IN WITNESS		he Assignor	hereunto has	executed	this Assig	nment upon
a second s	te indicated be			· 11	ΔI	1	-
Date:	10/17/17			By: Mark Par	sker E	\leq	Eres 19 49 10 10 10 10 10 10 10 10 10 10 10 10 10
STATI	е ор <u>ор-ево</u>	<u>×</u>)) 55.				
COUN	ITY OF LANE	Talaan ka					
ackno	On this <u>17²</u> ounty, personal wiedged that his the purposes (lly appeared I a signed, seal	Vark Packer led and delivi	who executed ered the same	the foreg	oing instru	iment and
	(SEAL		FROM SEAL	KAN.		6 .	
;		9 m			$\neg \lambda$	4	
		MY COMMISSION	LADWIES APRIL 20.	2016 Notary P	ublic	¥	ýd er á ha p er a tar ar a sea tar a sea
	My commissio	on expires:	Jony 20	2016			
			na r				
			r1¶∎1	· · · ·			
			ες ι∎	· · · · · · · ·			
t i di			τ α μο τ				,
the da	IN WITNESS	WHEREOF, 1	the Assignor	hereunto has	executed	this Assig	nment upon
	IN WITNESS	WHEREOF, 1 low.	the Assignor		1		nment upon
the da Date:	IN WITNESS	WHEREOF, 1 low.	the Assignor		1		nment upon
Date:	ite indicated be	low.	the Assignor	hereunto has By: Russell .	1		nment upon
Date:	ete indicated be	low.	the Assignor 		1		nment upon
Date:	ete indicated be E OF NTY OF	low.)) 58.)	By: Russell .	lohn Mum	рөг	
Date: STAT COUN said c and a	E OF	low. day of ily appeared i hat he signed.) 55.) 55.) Russell John sealed and	By: Russell . , 2012, befor Mumper who delivered the	Iohn Mum Pre me a N executed same Instr	per lotary Pub	lic in and fo
Date: STAT COUN said c and a	E OF TY OF On this cknowledged th	low. day of ily appeared i hat he signed.) 55.) 55.) Russell John sealed and	By: Russell . , 2012, befor Mumper who delivered the	Iohn Mum Pre me a N executed same Instr	per lotary Pub	lic in and fo
Date: STAT COUN said c and a	E OF TY OF On this county, persona cknowledged th lary act for the	low. day of ily appeared i hat he signed.) 55.) 55.) Russell John sealed and	By: Russell . , 2012, befo Mumper who delivered the ons therein exj	Iohn Mum Fre me a N executed same Instr pressed.	per lotary Pub	lic in and fo
Date: STAT COUN said c and a	E OF NTY OF On this ounty, persona cknowledged th tary act for the (S E A L)	low. day of ily appeared i hat he signed, purposes and) 55.) 55.) Russell John sealed and	By: Russell . , 2012, befor Mumper who delivered the	Iohn Mum Fre me a N executed same Instr pressed.	per lotary Pub	lic in and fo
Date: STAT COUN said c and a	E OF TY OF On this county, persona cknowledged th lary act for the	low. day of ily appeared i hat he signed, purposes and) 55.) 55.) Russell John sealed and	By: Russell . , 2012, befo Mumper who delivered the ons therein exj	Iohn Mum Fre me a N executed same Instr pressed.	per lotary Pub	lic in and fo
Date: STAT COUN said c and a	E OF NTY OF On this ounty, persona cknowledged th tary act for the (S E A L)	low. day of ily appeared i hat he signed, purposes and) 55.) 55.) Russell John sealed and	By: Russell . , 2012, befo Mumper who delivered the ons therein exj	Iohn Mum Fre me a N executed same Instr pressed.	per lotary Pub	lic in and fo
Date: STAT COUN said c and a	E OF NTY OF On this ounty, persona cknowledged th tary act for the (S E A L)	low. day of ily appeared i hat he signed, purposes and) 55.) 55.) Russell John sealed and	By: Russell . , 2012, befo Mumper who delivered the ons therein exj	Iohn Mum Fre me a N executed same Instr pressed.	per lotary Pub	lic in and fo
Date: STAT COUN said c and a	E OF NTY OF On this ounty, persona cknowledged th tary act for the (S E A L)	low. day of ily appeared i hat he signed, purposes and) 55. } 55. Russell John sealed and consideratio	By: Russell . , 2012, befo Mumper who delivered the ons therein exj	Iohn Mum Fre me a N executed same Instr pressed.	per lotary Pub	lic in and fo

PATENT REEL: 045494 FRAME: 0904

e La de grade e

IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon the date indicated below.

Date:	a a canada ang ang ang ang ang ang ang ang ang an		By: Mark Packer	ne my nikologia en antara (hispan magina katala mija politika in ingen di Part Ma
STAT	E OF	66		
COUN	NTY OF)	S S.		

On this _____ day of _____, 2012, before me a Notary Public in and for said county, personally appeared Mark Packer who executed the foregoing instrument and acknowledged that he signed, sealed and delivered the same instrument as a free and voluntary act for the purposes and considerations therein expressed.

(SEAL)

ų,

Notary Public

My commission expires:

IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon the date indicated below.

Date: $\omega/\alpha/12$

By: Russell John Mangen Russell John Mumber

STATE OF North Carolina) ss. COUNTY OF alle man

On this 11 day of October 2012, before me a Notary Public in and for said county, personally appeared Russell John Mumper who executed the foregoing instrument and acknowledged that he signed, sealed and delivered the same instrument as a free and An an and considerations therein expressed. voluntary

Notery Public EXPIRES WCE COUNTY NORTH CAROLINA impromiserion expires: <u>Quarst 29,2015</u>.

3 of 4

PATENT REEL: 045494 FRAME: 0905

IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon the date indicated below. 10-22-12

Date:

•	BV' T
	Tsontcho Inachulev

STATE OF <u>CALIFORNIA</u> COUNTY OF <u>SAN MATED</u> ss. On this <u>22</u>nd day of <u>OCTOBER</u>

, 2012, before me a Notary Public in and for said county, personally appeared Tsontcho Inachulev who executed the foregoing instrument and acknowledged that he signed, sealed and delivered the same instrument as a free and voluntary act for the purposes and considerations therein expressed.

(SEAL)**ELENA C. HERRMANN** COMM. #1888614 NROT Notary Public - California My Comm. Expires May 23, 2014 Notary Public My commission expires:

4841-5376-7953\1

PATENT **REEL: 045494 FRAME: 0906**

RECORDED: 04/10/2018