505081924 09/06/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5128682

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DOUGLAS MICHAEL ACKERMANN	01/26/2012
DANIEL PALANKER	01/26/2012
JAMES DONALD LOUDIN	02/03/2012
GARRETT CALE SMITH	02/01/2012
VICTOR WAYNE MCCRAY	01/27/2012
BRANDON MCNARY FELKINS	01/13/2012

RECEIVING PARTY DATA

Name:	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY	
Street Address:	BUILDING 170, THIRD FLOOR, MAIN QUAD, P.O. BOX 20386	
Internal Address:	OFFICE OF THE GENERAL COUNSEL	
City:	STANFORD	
State/Country:	CALIFORNIA	
Postal Code:	94305	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15828950

CORRESPONDENCE DATA

Fax Number: (650)212-7562

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: 650-212-1700

Email: info@shayglenn.com, jennifer@shayglenn.com

Correspondent Name: SHAY GLENN LLP

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ATTORNEY DOCKET NUMBER:	10220-722.302	
NAME OF SUBMITTER:	JENNIFER MARCELINO	
SIGNATURE:	/W. Benjamin Glenn, Reg. No. 44,713/	
DATE SIGNED:	09/06/2018	

PATENT 505081924 REEL: 046808 FRAME: 0518

Total Attachments: 7 source=S11-232_10220-722-302_Assignment#page1.tif source=S11-232_10220-722-302_Assignment#page2.tif source=S11-232_10220-722-302_Assignment#page3.tif source=S11-232_10220-722-302_Assignment#page4.tif source=S11-232_10220-722-302_Assignment#page5.tif source=S11-232_10220-722-302_Assignment#page6.tif source=S11-232_10220-722-302_Assignment#page7.tif

PATENT REEL: 046808 FRAME: 0519

U.S. DEPARTMENT OF COMMERCE

RECORDATION FORM COVER SHEET

PATENT AND TRADEMARK OFFICE

PATENTS	SONLY
TO THE HONORABLE DIRECTOR OF THE UNITED STATES PATENT. ORIGINAL DOCUMENTS OR COPY THEREOF.	AND TRADEMARK OFFICE. PLEASE RECORD THE ATTACHED
Name of conveying party(ies):	Name and address of receiving party(ies):
 (1) Douglas Michael ACKERMANN (2) Daniel PALANKER (3) James Donald LOUDIN (4) Garrett Cale SMITH (5) Victor Wayne McCRAY (6) Brandon McNary FELKINS Additional name(s) of conveying party(ies) attached? Yes No 	Name: THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY Office of the General Counsel Building 170, Third Floor, Main Quad P.O. Box 20386 Stanford CA 94305
3. Nature of Conveyance:	Name and address of receiving party(ies):
Assignment Merger	Name:
Security Agreement Change of Name	Street Address:
Other	City: State: Zip:
EXECUTION DATE(S): (1) 01/26/2012 (2) 01/26/2012 (3) 02/03/2012 (4) 02/01/2012 (5) 01/27/2012 (6) 01/13/2012	Country: Additional name(s) & address(es) attached? — Yes
4. Application number(s) or patent number(s):	1
If this document is being filed together with a new application, the	T
A. Patent Application No.(s) – 15/828,950	B. Patent No.(s)
Title: SYSTEMS AND METHODS FOR TREATMENT OF DRY EYE	
Additional num	bers attached? Yes No
 Name and address of party to whom correspondence concerning document should be mailed: W. Benjamin Glenn Shay Glenn LLP 	6. Total number of applications and patents involved:1
2755 Campus Drive, Suite 210	
San Mateo, CA 94403	7. Total fee (37 CFR 1.21(h)(1)): \$0.00 None required. Please charge fees to Deposit Account No. 50-4050.
DO NOT USE	THIS SPACE
Statement and signature.	
	ion is true and correct and any attached copy is a true copy of the
	Benjamin Glenn/ September 6, 2018
Name of Person Signing Total number of pages including cover sheet, attachments, and documer	Signature Date

PATENT

REEL: 046808 FRAME: 0520

ASSIGNMENT OF PATENT APPLICATION

Docket Number: 10220-722.200 Client Ref No. S11-232

This Assignment of Patent Application is between Douglas Michael Ackermann of Palo Alto, CA; Daniel Palanker of Sunnyvale, CA; James Donald Loudin of Houston, TX; Garrett Cale Smith of Palo Alto, CA; Victor Wayne McCray of Fresno, CA; and Brandon McNary Felkins of Half Moon Bay, CA; hereinafter referred to as "Inventor" and The Board of Trustees of the Leland Stanford Junior University a corporation of the State of California, having a place of business at 1705 El Camino Real, Palo Alto, CA 94306-1106, (hereinafter termed "Assignee").

WHEREAS Inventor has invented certain new and useful improvements in:

"SYSTEMS AND METHODS FOR TREATMENT OF DRY EYE"

for which an application for a United States Patent was filed on November 16, 2011, as Application No. 13/298,042, which claims benefit of U.S. Provisional Patent Application Nos.: 61/414,293 filed November 16, 2010; 61/433,645 filed January 18, 2011; 61/433,649 filed January 18, 2011; and 61/433,652 filed January 18, 2011.

WHEREAS, Assignee is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventor (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

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

- 1. Said Inventor does hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention: (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.
- 2. Said Inventor hereby covenants and agrees 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 and foreign countries. Such cooperation by said Inventor 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 of the said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contest, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor 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, his heirs, legal representatives and assigns.
- 4. Said Inventor hereby warrants and represents that he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

Page 1 of 2

ASSIGNMENT OF PATENT APPLICATION

Docket Number: 10220-722.200 Client Ref No. S11-232

IN WITNESS WHEREOF, said Inventor has executed and delivered this instrument to said Assignee:

769AN 2012	101
Date	Douglas Michael Ackermann
1/26/2012	(Jan D)
Date	Daniel Palanker
Date	James Donald Loudin
Date	Garrett Cale Smith
	Victor Wayne McCray
Date	TRIBLE TRAJECTION
Date	Brandon McNary Felkins

Page 2 of 2

ASSIGNMENT OF PATENT APPLICATION	Docket Number: 10220-722.200 Client Ref No. S11-232
IN WITNESS WHEREOF, said Inventor has ex	ecuted and delivered this instrument to said Assignee:
Date	Douglas Michael Ackermann
Date 2/3/2012	Daniel Palanker Daniel Palanker Daniel Daniel Amedian
Date	James Donald Loudin
Date	Garrett Cale Smith
Date	Victor Wayne McCray
Date	Brandon McNary Felkins
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Page 2 of 2

ASSIGNMENT OF PATENT APPLICATION

Docket Number: 10220-722.200 Client Ref No. 811-232

IN WITNESS WHEREOF, said inventor has executed and delivered this instrument to said Assignee:

Date	Douglas Michael Ackermann
Oate.	Daniel Fulgoker
Date	James Divald Landin
2/1/12.	Carrent Calle Sinfile
2000	Vicine Wayne Stelling
Date,	Blandge MkNery Felkins
	and the state of t
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PATENT REEL: 046808 FRAME: 0524

ASSIGNMENT OF PATENT APPLICATION	Docket Number: 10220-722.200 Client Ref No. \$11-232
IN WITNESS WHEREOF, said inventor has ex	ecuted and delivered this instrument to said Assignee:
)ate	Douglas Michael Ackermann
ate.	Daniel Palanker
Date.	James Donald Loudin
1/27/2012 1/27/2012	Garrett Cale Smith YMAMA Victor: Wayne McCray
bats	Brandon BioNary Fakina

Page 2 of 2

PATENT REEL: 046808 FRAME: 0525

ASSIGNMENT OF PATENT APPLICATION	Docket Number: 10220-722.200 Client Ref No. S11-232
IN WITNESS WHEREOF, said Inventor has ex	couted and delivered this instrument to said Assignee:
Date	Douglas Michael Ackermann
Date	Daniel Palanker
Date	James Donald Loudin
Date	Gafrett Cale Smith
Date Date	Victor Wayne McCray Brandor McNary Felkins
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PATENT REEL: 046808 FRAME: 0526

RECORDED: 09/06/2018