505757530 11/05/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5804344

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JONATHAN REUBEN WALDSTREICHER	02/06/2019
WILLIAM SANFORD KRIMSKY	01/31/2019
DENISE MARIE ZARINS	02/17/2019
ROBERT J. BEETEL III	02/06/2019
PAUL BRIAN FRIEDRICHS	02/01/2019
KEVIN JAMES TAYLOR	01/31/2019
ROMAN TUROVSKIY	01/31/2019
GARY L. LONG	02/02/2019

RECEIVING PARTY DATA

Name:	GALA THERAPEUTICS, INC.
Street Address:	155 JEFFERSON DRIVE, SUITE 100
City:	MENLO PARK
State/Country:	CALIFORNIA
Postal Code:	94025

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16381745

CORRESPONDENCE DATA

Fax Number: (650)493-6811

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.

Email: jroeder@wsgr.com, patentdocket@wsgr.com

Correspondent Name: JOY ROEDER

Address Line 1: 650 PAGE MILL ROAD

Address Line 4: PALO ALTO, CALIFORNIA 94304

ATTORNEY DOCKET NUMBER:	54150-703.301
NAME OF SUBMITTER:	JOY A. ROEDER
SIGNATURE:	/Joy A. Roeder/
DATE SIGNED:	11/05/2019

PATENT REEL: 050917 FRAME: 0396

Total Attachments: 11 source=Assignment#page1.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif source=Assignment#page7.tif source=Assignment#page8.tif source=Assignment#page9.tif source=Assignment#page9.tif source=Assignment#page11.tif

PATENT REEL: 050917 FRAME: 0397

ASSIGNMENT

Jonathan Reuben WALDSTREICHER, residing at 91 Carteret Street, West Orange, NJ 07052; William Sanford KRIMSKY, residing at 1615 Boggs Road, Forest Hill, MD 21050; Denise Marie ZARINS, residing at 20746 Verde Vista Lane, Saratoga, CA 95070; Robert J. BEETEL, III residing at 1090 Butte Court, Sunnyvale, CA 94087; Paul Brian FRIEDRICHS, residing at 1518 Escondido Way, Belmont, CA 94002; Kevin James TAYLOR, residing at 238 23rd Avenue, San Mateo, CA 94403; Roman TUROVSKIY, residing at 240 North Lake Merced Hills, San Francisco, CA 94132; and Gary L. LONG, residing at 7022 Hiawatha Avenue, Cincinnati, OH 45227 (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent entitled METHODS, APPARATUSES, AND SYSTEMS FOR THE TREATMENT OF PULMONARY DISORDERS, and which is a:

(1)	provisional application (a) to be filed herewith; or
	(b) bearing Application No., and filed on;
(2)	x non-provisional application (a) to be filed herewith; or
	(b) x bearing Application No. 16/227,796, and filed on December 20, 2018 and/or
(3)	x PCT application (a) x bearing Application No. PCT/US2017/039527, and filed on June 27, 2017
	and/or
(4)	attached hereto.

WHEREAS, Gala Therapeutics, Inc., a company having its principal place of business at 230 Park Avenue, Suite 2800, New York, NY 10169, its successors, legal representatives and assigns, (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention(s); the application(s) for patent identified above; the right to file applications for patent of the United States or other countries on the Invention(s); any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, these applications; any provisional or other right to recover any and all past, present, and future damages, including royalties, for any and all past, present, and future infringements of these application(s); and any and all patent(s) of the United States or other countries that may be granted therefor or thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee or a predecessor in interest of the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee or a predecessor in interest of the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

- (a) the Invention(s);
- (b) the application(s) for patent identified above;
- (c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Hague Convention, the Paris Convention for the Protection of Industrial Property, and under the Patent Cooperation Treaty, and all rights of claiming priority in any country of the world;
- (d) any application(s) for patent of the United States or other countries claiming the Invention(s);
- (e) any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, at least one of the application(s) for patent identified above or any application(s) for patent claiming the Invention(s), including any priority application(s), substitute application(s), division(s), continuation(s), and continuation(s)-in-part;
- (f) any provisional or other right to recover any and all past, present, and future damages, including royalties, for any and all past, present, and future infringements of any application for patent identified in the preceding paragraphs (b)-(e) and of any and all patent(s) granted based thereon in the United States and in all other countries; and
- (g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b)-(e), including any reissue(s), reexamination(s), revival(s), renewal(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful

owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein, and that Assignor will not make or enter into any assignment, sale, agreement or encumbrance which would conflict with these presents.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said application(s), and said patent(s), including interference and derivation proceedings, and any post-grant proceedings (e.g., opposition proceedings, post-grant reviews, *Inter partes* reviews, supplemental examinations, etc.) without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

The Assignor hereby authorizes and requests the attorneys of COOLEY LLP to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application(s) identified above when known.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

2/6/19 Date ///9	Jonathan Reuben Waldstreicher
Witness:	
2/6/19	Shira E. Margolies
Date	Shira E. Margolies
Date	
Date	William Sanford Krimsky
Witness:	
Dàte	
Date	
Date	Denise Marie Zarins
Witness:	
Date	
Date	

Date	Jonathan Reuben Waldstreicher
Witness:	
Date	
Date	
1 31 18 Date	William Sanford Krimsky
Witness: February 1, 2019	Chanotte Grisus
Date U	
Date	
Date	Denise Marie Zarins
Witness:	
Date	
Date	

198333350 v2

PATENT --- REEL: 050917 FRAME: 0402

Page 4 of 7 Attorney Docket No. GATH-001/02US 325764-2013

Date	Jonathan Reuben Waldstreicher
Witness:	
Date	
Date	
Date	William Sanford Krimsky
Witness:	
Date	
Date	
February 17, 2019 Date	Denise Marie Zarins
Witness:	11 95
Feb 17, 2019 Date	Shashann O'Garey
Date	

2/6/19	30 D 400
Date	Robert J. Reetel. III
Witness:	.
2/6/19	Spechii GAd
Date	Smuchit Gad
Date	
D	14. 173. 7
Date	Paul Brian Friedrichs
Witness:	
Date	
Date	· · · · · · · · · · · · · · · · · · ·
335.4 San	
Date	Kevin James Taylor
Witness:	
Ditte	
Date	

198111-5749

Date	Robert J. Beetel, III
Witness:	
Date	
Date	
→ / 1 / / / / Date	Paul Brian Friedrichs
Vitness:	and the second s
<u> </u>	
Date	
//3//19 Date	Kevin James Jaylor
Witness:	
/	- Andlong
Date	

1312019 Date	Roman Turovskiy
Witness:	
Date .	
Date Witness:	Gary L. Long
Date	
Date	

Date	Roman Turovskiy	
Witness:		
Date		<u> </u>
Date		
2 FEB 2(19	AJJANI	
Date	Gary L. Long	
Witness:		
2/2/2019 Date	- gell	Lynn Long
Date	CATALON AND AND AND AND AND AND AND AND AND AN	

Attorney Docket No.: GATH-001/02US 325764-2013

For and on behalf, of ASSIGNEE:

Ву:

Company: Gala Therapeutics, Inc.

Witness:

Signature

Shira E. Margolics Printed name

198333350 v2

PATENT REEL: 050917 FRAME: 0408

RECORDED: 11/05/2019