

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3891051

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NAZURA BIOHEALTH, INC.	11/28/2014
RECEIVING PARTY DATA	
Name:	ELCELYX THERAPEUTICS, INC.
Street Address:	11975 EL CAMINO REAL
Internal Address:	SUITE 305
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92130
PROPERTY NUMBERS Total: 6	
Property Type	Number
Application Number:	61170657
Patent Number:	8828953
Application Number:	12763926
Application Number:	14480399
Application Number:	61394716
Application Number:	13276177
CORRESPONDENCE DATA	
Fax Number:	(415)471-0034
<i>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.</i>	
Email:	sf.docketing@aporter.com
Correspondent Name:	TODD A. LORENZ
Address Line 1:	3 EMBARCADERO CENTER
Address Line 4:	SAN FRANCISCO, CALIFORNIA 94111
ATTORNEY DOCKET NUMBER:	2701 & 2702
NAME OF SUBMITTER:	TODD A. LORENZ, REG. NO. 39,754
SIGNATURE:	/Todd A. Lorenz, Reg. No. 39,754/
DATE SIGNED:	05/26/2016
Total Attachments: 12	

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PATENT ASSIGNMENT

This Patent Assignment (this "Assignment") is made from NaZura BioHealth, Inc., a Delaware corporation (the "Assignor"), to Elcelyx Therapeutics, Inc., a Delaware corporation (the "Assignee").

The Assignor desires to assign to the Assignee all of the Assignor's right, title and interest in and to the patents and patent applications set forth on Exhibit A to the Reversion Agreement entered into as of November 20, 2014 (the "Agreement") and further detailed in Exhibit A attached hereto, and any and all divisional applications, continuing or continuation-in-part applications, or reissue patents related thereto or based thereon, any and all patents issuing thereon, and any and all foreign patents and patent applications corresponding thereto or relying thereon for its filing or convention date (the "Patents").

In consideration for the Assignee's obligations under the Agreement and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Assignor does hereby sell, assign, transfer, convey and deliver to the Assignee all of the Assignor's right, title and interest in and to the Patents, including all common law rights therein, applications to register therefor and all claims for damages by reason of past infringements of the Patents with the right to sue for and collect the same for its own use and benefit, and for the use and on behalf of its successors, assigns and other legal representatives. The Assignor authorizes the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all such patents and patent applications to the Assignee, as assignee thereof, or otherwise as the Assignee may direct.

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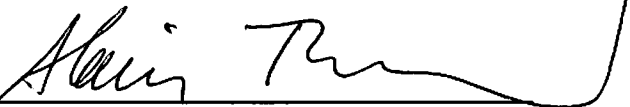
IN WITNESS WHEREOF, the undersigned has caused this Assignment to be executed as of the date written below.

Dated: November 20 2014

ASSIGNOR:

NAZURA BIOHEALTH, INC.

a Delaware corporation

By: 

Name: Alain Baron

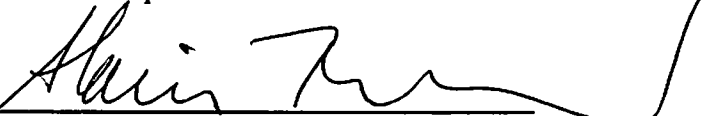
Title: President and CEO

ACKNOWLEDGED AND ACCEPTED:

ASSIGNEE:

ELCELYX THERAPEUTICS, INC.

a Delaware corporation

By: 

Name: Alain Baron

Title: President and CEO

[SIGNATURE PAGE TO PATENT ASSIGNMENT]

PATENT
REEL: 038727 FRAME: 0583

State of California County of San Diego

Notary Public

Before me, Kenneth C Shook, on this day personally appeared Alain Barr, ~~known to me~~ (or ~~proved to me on the oath of~~ _____) or through (description of identity card or other document) to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office this 28th day of November 2014.

Kenneth C Shook
(Personalized Seal) Notary Public's Signature



EXHIBIT A

Patents and Patent Applications

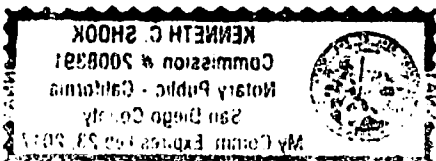


Exhibit A

Case Ref.	File Reference	Family	Country	Application No.	Application Date	Title	Case Status	Issue Information and Status Notes
0027436.00119	2701/US/CIP/2	2701	United States of America	14/480,399	9/8/2014	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	
0027436.00003	2701/US/2	2701	United States of America	12/763,926	4/20/2010	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	
0027436.00002	2701/US	2701	United States of America	61/170,657	4/20/2009	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Expired at end of life	
0027436.00004	2701/US/CIP	2701	United States of America	12/907,909	10/19/2010	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Granted	Patent No. 8,828,953 issued 9/9/14
0027436.00007	2701/AR	2701	Argentina	20100101302	4/20/2010	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	
0027436.00008	2701/AR/CIP	2701	Argentina	2010-0103817	4/20/2010	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	
0027436.00006	2701/PCT/CIP	2701	Patent Cooperation Treaty	PCT/US2010/053257	10/19/2010	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	National Phase Completed	
0027436.00005	2701/PCT	2701	Patent Cooperation Treaty	PCT/US2010/031793	4/20/2010	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	National Phase Completed	
0027436.00014	2701/PCT/EP	2701	European Patent Office	10767661.1	4/20/2010	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	
0027436.00011	2701/PCT/CA	2701	Canada	2,758,976	4/20/2010	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Application allowed	Grant fee due 11/20/14

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Case Ref.	File Reference	Family	Country	Application No.	Application Date	Title	Case Status	Issue Information and Status Notes
0027436.00009	2701/PCT/AU	2701	Australia	2010239311	4/20/2010	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Granted	Patent No. 2010239311 issued 9/4/14
0027436.00016	2701/PCT/JP	2701	Japan	2012-507328	4/20/2010	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	
0027436.00012	2701/PCT/CN	2701	China	201080028729.X	4/20/2010	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	
0027436.00013	2701/PCT/EA	2701	Eurasian Patent Organization	201101524	4/20/2010	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	
0027436.00010	2701/PCT/BR	2701	Brazil	PI1013856-0	4/20/2010	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	
0027436.00015	2701/PCT/IN	2701	India	9045/DELNP/2011	4/20/2010	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	
0027436.00041	2701/PCT/EP/HK	2701	Hong Kong	12108430.7	4/20/2010	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	
0027436.00042	2701/PCT/CIP/AU	2701	Australia	2010351565	10/19/2010	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	
0027436.00043	2701/PCT/CIP/BR	2701	Brazil	1120120268384	10/19/2010	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	
0027436.00044	2701/PCT/CIP/CA	2701	Canada	2,800,470	10/19/2010	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Suspended	Renewal fee due 10/19/14 not paid. Can be reinstated within one year.
0027436.00045	2701/PCT/CIP/CN	2701	China	201080067558.1	10/19/2010	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	
0027436.00046	2701/PCT/CIP/EA	2701	Eurasian Patent Organization	201270767	10/19/2010	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	

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Case Ref.	File Reference	Family	Country	Application No.	Application Date	Title	Case Status	Issue Information and Status Notes
0027436.00047	2701/PCT/CIP/E P	2701	European Patent Office	10850399.6	10/19/2010	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	
0027436.00049	2701/PCT/CIP/I N	2701	India	9147/DELNP/20 12	10/19/2010	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	
0027436.00048	2701/PCT/CIP/IL	2701	Israel	222586	10/19/2010	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	
0027436.00050	2701/PCT/CIP/J P	2701	Japan	2013-506126	10/19/2010	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	
0027436.00052	2701/PCT/CIP/M X	2701	Mexico	MX/a/2012/0121 57	10/19/2010	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	
0027436.00053	2701/PCT/CIP/N Z	2701	New Zealand	603163	10/19/2010	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	11/24/14 extended acceptance deadline
0027436.00051	2701/PCT/CIP/K R	2701	Republic of Korea	2012-7030417	10/19/2010	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	
0027436.00054	2701/PCT/CIP/S G	2701	Singapore	201207755-8	10/19/2010	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Suspended	goes abandoned 4/20/2015 OR via option IIC can rely on corresponding granted or allowed claims, (2701/US/CIP is granted)
0027436.00055	2701/PCT/CIP/Z A	2701	South Africa	2012/08277	10/19/2010	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Application allowed	awaiting grant notification
0027436.00062	2702/PCT/BR	2702	Brazil	1120130096357	10/18/2011	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Expired	Request for examination deadline 10/18/14 has passed
0027436.00063	2702/PCT/CA	2702	Canada	2,815,024	10/18/2011	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	
0027436.00064	2702/PCT/CL	2702	Chile	1085-2013	10/18/2011	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Oppn: Opposition filed	response to opposition not filed, but still pending

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Case Ref.	File Reference	Family	Country	Application No.	Application Date	Title	Case Status	Issue Information and Status Notes
0027436.00065	2702/PCT/CN	2702	China	201180061007.9	10/18/2011	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	
0027436.00066	2702/PCT/EA	2702	Eurasian Patent Organization	201370099	10/18/2011	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	
0027436.00068	2702/PCT/IL	2702	Israel	225845	10/18/2011	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	
0027436.00070	2702/PCT/JP	2702	Japan	2013-535013	10/18/2011	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Expired	Request for examination deadline 10/18/14 has passed
0027436.00072	2702/PCT/MX	2702	Mexico	MX/a/2013/0043 64	10/18/2011	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	
0027436.00074	2702/PCT/SG	2702	Singapore	201302905-3	10/19/2010	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	
0027436.00017	2702/US	2702	United States of America	61/394,716	10/19/2010	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Expired at end of life	
0027436.00018	2702/US/2	2702	United States of America	13/276,177	10/18/2011	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	Notice of Appeal filed 9/11/14
0027436.00019	2702/PCT	2702	Patent Cooperation Treaty	PCT/US2011/05 6766	10/18/2011	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	National Phase Completed	
0027436.00067	2702/PCT/EP	2702	European Patent Office	11835018.0	10/18/2011	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	
0027436.00118	2702/PCT/EP/H K	2702	Hong Kong	14102037.5	10/18/2011	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	
0027436.00075	2702/PCT/ZA	2702	South Africa	2013/03335	10/18/2011	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	
0027436.00071	2702/PCT/KR	2702	Republic of Korea	2013-7012695	10/18/2011	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	

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Case Ref.	File Reference	Family	Country	Application No.	Application Date	Title	Case Status	Issue Information and Status Notes
0027436.00069	2702/PCT/IN	2702	India	4111/DELNP/2013	10/18/2011	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Expired	Request for examination deadline 10/19/14 has passed
0027436.00061	2702/PCT/AU	2702	Australia	2011317140	10/18/2011	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	
0027436.00073	2702/PCT/NZ	2702	New Zealand	610364	10/18/2011	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	
0027436.00080	2703/PCT/EP	2703	European Patent Office	11835020.6	10/18/2011	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	2/22/15 Non-extendable deadline to response to EESR
0027436.00076	2703/PCT/AU	2703	Australia	2011317143	10/18/2011	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	
0027436.00085	2703/PCT/ZA	2703	South Africa	2013/03334	10/18/2011	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	
0027436.00082	2703/PCT/IN	2703	India	4151/DELNP/2013	10/18/2011	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Expired	Request for examination deadline 10/19/14 has passed
0027436.00020	2703/US	2703	United States of America	61/394,720	10/19/2010	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Expired at end of life	
0027436.00021	2703/PCT	2703	Patent Cooperation Treaty	PCT/US2011/056769	10/18/2011	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	National Phase Completed	
0027436.00084	2703/PCT/US	2703	United States of America	13/880,717	10/18/2011	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	Instructed not to respond to Restriction Requirement due 1/17/15 (extendable to 5/17/15)
0027436.00077	2703/PCT/BR	2703	Brazil	11 2013 0096365	10/18/2011	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Expired	Request for examination deadline 10/18/14 has passed
0027436.00078	2703/PCT/CA	2703	Canada	2,815,025	10/18/2011	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Expired	Renewal fee due 10/18/14 not paid

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0027436.00079	2703/PCT/CN	2703	China	201180061016.8	10/18/2011	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Expired	Restoration fee due 10/5/14 not paid
0027436.00081	2703/PCT/IL	2703	Israel	225846	10/18/2011	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	
0027436.00083	2703/PCT/JP	2703	Japan	2013-535015	10/18/2011	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Expired	Request for examination deadline 10/18/14 has passed
0027436.00023	2704/US	2704	United States of America	61/394,727	10/19/2010	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Expired at end of life	
0027436.00024	2704/PCT	2704	Patent Cooperation Treaty	PCT/US2011/05 6770	10/18/2011	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	National Phase Completed	
0027436.00087	2704/PCT/US	2704	United States of America	13/880,718	10/18/2011	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Expired	Response to office action due 11/30/14 not filed
0027436.00086	2704/PCT/EP	2704	European Patent Office	11835021.4	10/18/2011	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Expired	Rule 161 deadline passed on 11/02/14
0027436.00088	2705/PCT/EP	2705	European Patent Office	11835022.2	10/18/2011	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	2/22/15 Non-extendable deadline to response to EESR
0027436.00089	2705/PCT/US	2705	United States of America	13/880,719	10/18/2011	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	Instructed not to respond to Restriction Requirement due 11/26/14 (extendable to 3/26/15)
0027436.00025	2705/US	2705	United States of America	61/394,732	10/19/2010	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Expired at end of life	
0027436.00026	2705/PCT	2705	Patent Cooperation Treaty	PCT/US2011/05 6771	10/18/2011	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	National Phase Completed	
0027436.00027	2706/US	2706	United States of America	61/405,104	10/20/2010	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Expired at end of life	

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Case Ref.	File Reference	Family	Country	Application No.	Application Date	Title	Case Status	Issue Information and Status Notes
0027436.00028	2706/PCT	2706	Patent Cooperation Treaty	PCT/US2011/05 6773	10/18/2011	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	National Phase Completed	
0027436.00093	2706/PCT/JP	2706	Japan	2013-535016	10/18/2011	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Expired	request for exam deadline passed
0027436.00090	2706/PCT/US	2706	United States of America	13/880,720	10/18/2011	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	Awaiting examination, no deadlines
0027436.00092	2706/PCT/EP	2706	European Patent Office	11835024.8	10/18/2011	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Pending	2/22/15 Non-extendable deadline to response to EESR
0027436.00022	2712/US	2712	United States of America	61/635,132	4/18/2012	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Expired at end of life	
0027436.00091	2712/PCT	2712	Patent Cooperation Treaty	PCT/US2013/37 246	4/18/2013	CHEMOSENSORY RECEPTOR LIGAND-BASED THERAPIES	Expired	30-Mo National phase was due 10/18/14; 31-Mo countries 11/18/14
0027436.00056	2800/US	2800	United States of America	61/723,737	11/7/2012	GRAS ENTERIC COATING FORMULATIONS AND METHODS OF MAKING AND USING SAME	Expired at end of life	
0027436.00057	2800/US/2	2800	United States of America	61/738,947	12/18/2012	GRAS ENTERIC COATING FORMULATIONS AND METHODS OF MAKING AND USING SAME	Expired at end of life	
0027436.00116	2800/US/3	2800	United States of America	14/074,646	11/7/2013	GRAS ENTERIC COATING FORMULATIONS AND METHODS OF MAKING AND USING SAME	Pending	

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Case Ref.	File Reference	Family	Country	Application No.	Application Date	Title	Case Status	Issue Information and Status Notes
0027436.00117	2800/PCT	2800	Patent Cooperation Treaty	PCT/US2013/06 9006	11/7/2013	GRAS ENTERIC COATING FORMULATIONS AND METHODS OF MAKING AND USING SAME	Pending	30-Mo National phase due 05/07/15; 31-Mo countries 06/07/15