

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SETH LEDERMAN	05/26/2016
RECEIVING PARTY DATA	
Name:	TONIX PHARMACEUTICALS, INC.
Street Address:	509 MADISON AVENUE
Internal Address:	SUITE 306
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10022
PROPERTY NUMBERS Total: 1	
Property Type	Number
PCT Number:	US2015051068
CORRESPONDENCE DATA	
Fax Number:	(617)235-9492
<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>	
Phone:	212-596-9000
Email:	andrew.shiue@ropesgray.com
Correspondent Name:	ANDREW SHIUE
Address Line 1:	ROPES & GRAY LLP
Address Line 2:	1211 AVENUE OF THE AMERICAS
Address Line 4:	NEW YORK, NEW YORK 10036-8704
ATTORNEY DOCKET NUMBER:	104545-0008-WO2
NAME OF SUBMITTER:	ANDREW SHIUE
SIGNATURE:	/Andrew Shiue/
DATE SIGNED:	02/27/2017
Total Attachments: 5	
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ASSIGNMENT

I, Seth Lederman, residing at 166 E. 96th St., Apt. 17A, New York, NY 10128 USA, for good and valuable consideration, have assigned, sold and transferred to and do hereby assign, sell and transfer to TONIX PHARMACEUTICALS, INC., having an office and a place of business at 509 Madison Avenue, Suite 306, New York, NY 10022, United States of America, its successors and assigns (1) the entire right, title and interest in the United States and in all countries throughout the world in and to any and all my inventions and discoveries disclosed in the following applications:

- (i) United States Provisional Application No. 62/052,238, filed September 18, 2014 and entitled "Eutectic Formulations of Cyclobenzaprine Hydrochloride"; and
- (ii) An International Patent Application that claims priority to application (i) above, filed under the Patent Cooperation Treaty on September 18, 2015 and assigned serial number PCT/US2015/051068 entitled "Eutectic Formulations of Cyclobenzaprine Hydrochloride", designating all PCT member states, including Albania (AL), Algeria (DZ), Angola (AO), Antigua & Barbuda (AG), Armenia (AM), Australia (AU), Austria (AT), Azerbaijan (AZ), Bahrain (BH), Barbados (BB), Belarus (BY), Belgium (BE), Belize (BZ), Benin (BJ), Bosnia and Herzegovina (BA), Botswana (BW), Brazil (BR), Bulgaria (BG), Brunei Darussalam (BN), Burkina Faso (BF), Cameroon (CM), Canada (CA), Central African Republic (CF), Chad (TD), Chile (CL), China (CN), Colombia (CO), Congo (CG), Costa Rica (CR), Côte d'Ivoire (CI), Croatia (HR), Cuba (CU), Cyprus (CY), Czech Republic (CZ), Democratic People's Republic of Korea (KP), Denmark (DK), Dominica (DM), Dominican Republic (DO), Ecuador (EC), Egypt (EG), El Salvador (SV), Equatorial Guinea (GQ), Estonia (EE), Finland (FI), France (FR), Gabon (GA), Gambia (GM), Georgia (GE), Germany (DE), Ghana (GH), Greece (GR), Grenada (GD), Guatemala (GT), Guinea (GN), Guinea Bissau (GW), Honduras (HN), Hungary (HU), Iceland (IS), India (IN),

Indonesia (ID), Ireland (IE), Islamic Republic of Iran (IR), Israel (IL), Italy (IT), Japan (JP), The Comoros (KM), Kazakhstan (KZ), Kenya (KE), Kyrgyzstan (KG), Lao People's Democratic Republic (LA), Latvia (LV), Lesotho (LS), Liberia (LR), Libyan Arab Jamahriya (LY), Liechtenstein (LI), Lithuania (LT), Luxembourg (LU), Madagascar (MG), former Yugoslav Republic of Macedonia (MK), Malawi (MW), Malaysia (MY), Mali (ML), Malta (MT) Mauritania (MR), Mexico (MX), Monaco (MC), Mongolia (MN), Montenegro (ME), Morocco (MA), Mozambique (MZ), Namibia (NA), Netherlands (NL), New Zealand (NZ), Nicaragua (ND), Niger (NE), Nigeria (NG), Norway (NO), Oman (OM), Panama (PA), Papua New Guinea (PG), Peru (PE), the Philippines (PH), Poland (PL), Portugal (PT), Qatar (QA), Republic of Korea (KR), Republic of Moldova (MD), Romania (RO), Russian Federation (RU), Rwanda (RW), Saint Lucia (LC), Saint Kitts and Nevis (KN), Saint Vincent and the Grenadines (VC), San Marino (SM), São Tomé and Príncipe (ST), Saudi Arabia (SA), Senegal (SN), Serbia (RS), Seychelles (SC), Sierra Leone (SL), Singapore (SG), Slovakia (SK), Slovenia (SI), South Africa (ZA), Spain (ES), Sri Lanka (LK), Sudan (SD), Swaziland (SZ), Sweden (SE), Switzerland (CH), Syrian Arab Republic (SY), Tajikistan (TJ), United Republic of Tanzania (TZ), Togo (TG), Thailand (TH), Trinidad and Tobago (TT), Tunisia (TN), Turkey (TR), Turkmenistan (TM), Uganda (UG), Ukraine (UA), United Arab Emirates (AE), United Kingdom (GB), United States of America (US), Uzbekistan (UZ), Viet Nam (VN), Zambia (ZM) and Zimbabwe (ZW);

including any applications and patents claiming priority therefrom, and any renewals, revivals, reissues, reexaminations, extensions, supplementary protection certificates, continuations and divisions thereof, and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of TONIX PHARMACEUTICALS, INC., its designee, or in our name at TONIX PHARMACEUTICALS, INC. or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent that claims priority therefrom in the United States or in any other country of the world and any renewals, revivals, reissues, reexaminations,

supplementary protection certificates, and extensions of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

I hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to TONIX PHARMACEUTICALS, INC. as the assignee of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by me had this assignment, sale and transfer not been made.

I agree, at any time, upon the request of TONIX PHARMACEUTICALS, INC. to execute and to deliver to TONIX PHARMACEUTICALS, INC. any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries or applications, and divisions, continuations, renewals, revivals, reissues, reexaminations, extensions, supplementary protection certificates, and substitute applications thereof.

I further agree at any time to execute and to deliver upon request of TONIX PHARMACEUTICALS, INC. such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of TONIX PHARMACEUTICALS, INC. under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

Inventor's Signature: Seth Lederman

Seth Lederman

Date: May 26, 2016

Inventor's Address: 166 E. 96th St., Apt. 17A

New York, NY 10128 USA

State of New York)
County of New York)

On this 26 day of May, 2016, before me, the undersigned notary public, personally appeared Seth Lederman, proved to me through satisfactory evidence of identification, which was NY Drivers License, to be the person whose name is signed on the preceding or attached document in my presence.

(SEAL) **MARY C GREATHEAD**
NOTARY PUBLIC-STATE OF NEW YORK
No. 01GR6330341
Qualified in New York County
My Commission Expires September 14, 2019

Mary C. Greathead
Notary Public

My commission expires 09/14/2019

ACKNOWLEDGEMENT OF ASSIGNEE:

I hereby acknowledge the foregoing executed Assignment on behalf of TONIX PHARMACEUTICALS, INC.

By: Seth Lederman
Name: Seth Lederman
Title: CEO, Director

Date: May 26 2016

State of New York)
County of New York)

On this 26 day of May, 2016, before me, the undersigned notary public, personally appeared Seth Lederman, proved to me through satisfactory evidence of identification, which was NY Drivers License, to be the person whose name is signed on the preceding or attached document in my presence.

(SEAL) **MARY C GREATHEAD**
NOTARY PUBLIC-STATE OF NEW YORK
No. 01GR6330341
Qualified in New York County
My Commission Expires September 14, 2019

Mary C. Greathead
Notary Public

My commission expires 09/14/2019