

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	DARRYL C. RIDEOUT	05/03/2021
<b>RECEIVING PARTY DATA</b>		
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<b>PROPERTY NUMBERS Total: 3</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	63021937	
<b>Application Number:</b>	17315258	
<b>PCT Number:</b>	US2021031441	
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<b>ATTORNEY DOCKET NUMBER:</b>	104545-0043-001/101/WO1	
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<b>DATE SIGNED:</b>	05/10/2021	
<b>Total Attachments: 4</b>		
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**CONFIRMATORY ASSIGNMENT**

WHEREAS, I, **DARRYL C. RIDEOUT**, have invented one or more invention(s) described in the following applications or “( global )” :

- (1) United States Provisional Patent Application No. 63/021,937, filed on May 8, 2020, entitled “RADIO-AND CHEMO-PROTECTIVE COMPOUNDS”;
- (2) United States Non-Provisional Patent Application No. \* 17/315,258, filed \* May 7, 2021, entitled “ -AND CHEMO-PROTECTIVE ”; and
- (3) International Patent Application No. \* PCT/US2021/031441, to be filed under the Patent Cooperation Treaty in the United States Receiving Office (RO/US) on \* May 7, 2021, entitled: “RADIO-AND CHEMO-PROTECTIVE

” I N D I C A T O R M O O N I D P I D I D  
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), Cambodia (KH), Cameroon (CM), Canada (CA), Central African Republic (CF), Chad (TD), Chile (CL), China (CN), Colombia (CO), Comoros (KM), Congo (CG), Costa Rica (CR), Côte d'Ivoire (CI), Croatia (HR), Cuba (CU), Cyprus (CY), Czechia (CZ), Democratic People's Republic of Korea (KP), Denmark (DK), Djibouti (DJ), 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), Jordan (JO), Kazakhstan (KZ), Kenya (KE), Kuwait (KW), Kyrgyzstan (KG), Lao People's Democratic Republic (LA), Latvia (LV), Lesotho (LS), Liberia (LR), Libya (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 (NI), 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), Samoa (WS), San Marino (SM), São Tomé and Príncipe (ST),

\* I hereby authorize TONIX PHARMACEUTICALS HOLDING CORP. and its representatives to insert in this instrument the Application number and filing date of said Applications when TONIX PHARMACEUTICALS HOLDING CORP. is officially notified thereof.

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), and all other PCT member countries; and

WHEREAS, **TONIX PHARMACEUTICALS HOLDING CORP.**, (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Nevada and having an office and a place of business at **26 Main Street, Suite 101, Chatham, New Jersey 07928, United States of America**, has acquired my entire right, title and interest in the Applications in accordance with agreements duly entered into with me;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, including consideration of one U.S. dollar (\$1.00), the receipt of which is hereby acknowledged, I confirm that I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, my entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said Applications (and any and all of my invention(s) described therein) and all patent applications that may be filed claiming the benefit to and/or priority to those Applications, including any continuation, continuation-in-part, division and foreign counterpart thereof, and any substitute applications therefor, and any patents which may issue thereon, or resulting from the national or regional phase of the above-identified International Patent Application in any country of the world, and any reissues and revivals of the same, (together with said Applications " gl a d i n i o i a" i d g d a d ct to claim priority under any applicable statute, treaty or convention based on said Applications or my invention(s) therein; said inventions(s), right of priority, applications and patents to be held and enjoyed by said ASSIGNEE for its own use and that of its successors, assigns and legal representatives, to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held by me had this assignment not been made. I also hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications, all choses in action pertaining to the applications and

patents including the right to sue for and collect damages and other recoveries for past infringement thereof, all rights to initiate proceedings before government and administrative bodies, and all files, records and other materials arising from the prosecution, exploitation, or defense of rights and registrations pertaining to the applications and patents. I hereby acknowledge that this assignment, being of my entire right, title and interest in and to said invention(s), applications and patents, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all patents by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such patents to ASSIGNEE for its own name as ASSIGNEE of my entire right, title and interest therein;

AND, I hereby further have agreed and agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid right of priority, invention(s), applications and patents to said ASSIGNEE, its successors, assigns and legal representatives, including the execution of applications for patents in the United States and all foreign countries, and the execution of substitute, reissue, divisional, continuation, continuation-in-part or revival applications and preliminary or other statements and the giving of testimony in any interference, derivation or other proceeding in which said invention(s) or the applications and/or patents directed thereto may be involved;

AND, I do hereby authorize and request the Commissioner of Patents of the United States and the respective patent offices in all foreign countries to issue such patents as shall be granted upon said Applications or applications based thereon or claiming right of priority thereto, to said ASSIGNEE, its successors, assigns, and legal representatives.

ASSIGNOR:

Date: 5/3/2021

  
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DARRYL C. RIDEOUT

ACKNOWLEDGEMENT OF ASSIGNEE:

I hereby acknowledge the foregoing executed Confirmatory Assignment on behalf of TONIX  
PHARMACEUTICALS HOLDING CORP.

By: BS  
Name: Bradley Sarge  
Title: CFO

Date: 5/3/2021