PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6774567

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
IMMUTRIX THERAPEUTICS, INC.	06/07/2021

RECEIVING PARTY DATA

Name:	PROPRIETARY TECHNOLOGY ASSETS, LLC
Street Address:	3620 HOMESTEAD ST.
City:	RAPID CITY
State/Country:	SOUTH DAKOTA
Postal Code:	57703

PROPERTY NUMBERS Total: 32

Property Type	Number
Application Number:	17284842
Application Number:	62776846
Application Number:	16705870
Patent Number:	9278170
Application Number:	62620316
Application Number:	62852760
Application Number:	62471824
Application Number:	62472390
Application Number:	62587090
Application Number:	16763645
Application Number:	62747929
Application Number:	62958402
Application Number:	62316113
Application Number:	16088785
Application Number:	62568387
Application Number:	16753251
Application Number:	62611845
Application Number:	62607432
Application Number:	62673573
Application Number:	62316122

PATENT REEL: 056619 FRAME: 0770

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Property Type	Number
Application Number:	16772969
Patent Number:	9669151
Patent Number:	10617813
Patent Number:	10773011
Application Number:	16807858
Application Number:	17008783
Application Number:	17091214
Application Number:	15500893
Application Number:	16161546
Application Number:	17213561
Application Number:	62167743
Application Number:	15545233

CORRESPONDENCE DATA

Fax Number: (574)237-1125

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: 574-237-1165

Email: michelle.horvath@btlaw.com
Correspondent Name: BARNES & THORNBURG LLP
Address Line 1: 11 S. MERIDIAN STREET

Address Line 4: INDIANAPOLIS, INDIANA 46204

ATTORNEY DOCKET NUMBER:	84706-100
NAME OF SUBMITTER:	MICHELLE LW HORVATH
SIGNATURE:	/Michelle LW Horvath/
DATE SIGNED:	06/22/2021

Total Attachments: 15

source=Immutrix Therapeutics to Proprietary Technology Assets - Patent Assignment#page1.tif source=Immutrix Therapeutics to Proprietary Technology Assets - Patent Assignment#page2.tif source=Immutrix Therapeutics to Proprietary Technology Assets - Patent Assignment#page3.tif source=Immutrix Therapeutics to Proprietary Technology Assets - Patent Assignment#page4.tif source=Immutrix Therapeutics to Proprietary Technology Assets - Patent Assignment#page5.tif source=Immutrix Therapeutics to Proprietary Technology Assets - Patent Assignment#page6.tif source=Immutrix Therapeutics to Proprietary Technology Assets - Patent Assignment#page8.tif source=Immutrix Therapeutics to Proprietary Technology Assets - Patent Assignment#page9.tif source=Immutrix Therapeutics to Proprietary Technology Assets - Patent Assignment#page10.tif source=Immutrix Therapeutics to Proprietary Technology Assets - Patent Assignment#page11.tif source=Immutrix Therapeutics to Proprietary Technology Assets - Patent Assignment#page12.tif source=Immutrix Therapeutics to Proprietary Technology Assets - Patent Assignment#page12.tif source=Immutrix Therapeutics to Proprietary Technology Assets - Patent Assignment#page13.tif source=Immutrix Therapeutics to Proprietary Technology Assets - Patent Assignment#page13.tif source=Immutrix Therapeutics to Proprietary Technology Assets - Patent Assignment#page14.tif source=Immutrix Therapeutics to Proprietary Technology Assets - Patent Assignment#page15.tif

ASSIGNMENT OF PATENTS

THIS PATENT ASSIGNMENT ("Assignment") having an Effective Date as of the date

of execution by the Assignor below, is made and entered into, by and between Immutrix

Therapeutics, Inc., a South Dakota corporation, having a principal place of business at 3620

Homestead St., Rapid City, SD 57703 ("Assignor"); and Proprietary Technology Assets, LLC, a

South Dakota limited liability company, having a principal place of business at 3620 Homestead St.,

Rapid City, SD 57703 ("Assignee").

WHEREAS, Assignor and Assignee have agreed to cause Assignor to assign and transfer to

Assignee all of Assignor's respective right, title and interest in and to the patents and patent

applications identified herein.

NOW, THEREFORE, in consideration of the mutual agreements of the parties set forth

herein, and other good and valuable consideration, the receipt and sufficiency of which are hereby

acknowledged, the parties, intending to be legally bound, and upon the terms set forth herein, agree

as follows:

Assignor does hereby irrevocably assign, sell, transfer and set over to Assignee, its successors

and assigns, its entire right, title and interest in, to and under the patents and patent applications set

forth on Schedule A attached hereto, including all rights pursuant to 35 U.S.C. § 154, any and all

letters patents issuing from continuing, counterparts, divisional and continuation-in-part applications,

substitutions, reissues, extensions, renewals and reexaminations thereof, any foreign counterparts

thereof (collectively, the "Assigned Patents") throughout the world, including any and all causes of

action and rights to damages and profits, due or accrued, relating to the foregoing, including the right

to sue and recover for, and the right to profits and damages due or accrued arising out of or in

connection with any and all past, present or future infringements.

[Signature Page Follows]

PATENT

REEL: 056619 FRAME: 0772

IN WITNESS WHEREOF, Assignor has executed this Assignment of Patents as of the date set forth below.

ASSIGNOR:

Immutrix Therapeutics, Inc.

Title: Warazoloo

On this 7th day of 1016, 2021, before me, a Notary Public, appeared 200/1806 who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and is known to me as a person authorized to sign singly on behalf of the ASSIGNOR; and acknowledged that she/he signed and delivered the document as her/his free and voluntary act for the uses and purposes therein set forth.

Witness my hand and offic

SSy Commission Expires Movember 1, 2021

ASSIGNEE:

Proprietary Technology Assets, LLC

On this $Z^{\prime\prime\prime}$ day of Juge. 2021, before me, a Notary Public. appeared Caso/Rae who is personally known to me to be the same person whose name is

Notary Public

subscribed to the foregoing assignment document, and is known to me as a person authorized to sign singly on behalf of the ASSIGNEE; and acknowledged that she/he signed and delivered the document as her/his free and voluntary act for the uses and purposes therein set

forth.

Wimess my hand and official seal

by Commission Expires Mountaint 1, 2021

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SCHEDULE A

ADSORPTION AND BINDING OF PLASMA MOLECULES AND PARTICLES TO CARBON	ADSORPTION AND BINDING OF PLASMA MOLECULES AND PARTICLES TO CARBON	ADSORPTION AND BINDING OF PLASMA MOLECULES AND PARTICLES TO CARBON	ADSORPTION AND BINDING OF PLASMA MOLECULES AND PARTICLES TO CARBON	ADSORPTION AND BINDING OF PLASMA MOLECULES AND PARTICLES TO CARBON	ADSORPTION AND BINDING OF PLASMA MOLECULES AND PARTICLES TO CARBON	ADSORPTION AND BINDING OF PLASMA MOLECULES AND PARTICLES TO CARBON	Title
United States of America	Patent Cooperation Treaty	Japan	India	European Patent Convention	Canada	Australia	Country
17/284842	PCT/US2019/0 56816	2021-521137	202117021877	19872882.6	3116721	2019362006	Application
13-Apr-2021	17-Oct-2019	(6-Apr-202)	14-May-2021	14-May-2021	15-Apr-2021	14-Apr-2021	Filing Date
	23-Apr-2020						Publication Date
							Paiont No.
							Issue Date
Pending	Inactive	Pending	Pending	Pending	Pending	Pending	Smeris

CARBON COMPOSITIONS AND DEVICES FOR VETERINARY APPLICATIONS	CARBON AND ITS USE IN BLOOD CLEANSING APPLICATIONS	CARBON AND ITS USE IN BLOOD CLEANSING APPLICATIONS	CARBON AND ITS USE IN BLOOD CLEANSING APPLICATIONS	CARBON AND ITS USE IN BLOOD CLEANSING APPLICATIONS	AUTOCLAVE OPERATION TO ACCOMMODATE FLUID STERILIZATION CYCLES	AUTOCLAVE OPERATION TO ACCOMMODATE FLUID STERILIZATION CYCLES	Title
United States of America	United States of America	United Kingdom	Gennany	European Patent Convention	United States of America	United States of America	Country
62/620316	[3/5]3340	15186129.1	15186129.1	15186129.1	16/705876	62/776846	Application No
22-Jan-2018	09-Dec-2010	09-Dec-2010	09-Dec-2010	09-Dec-2010	96-Dec-2019	07-Dec-2018	Filing Date
	21-Mar-2013	17-Feb-2016	17-Feb-2016	17-Feb-2016	i i -Jun-2020		Publication Date
	9278170	2985046	2985046	2985046			Parent No
	08-Mar-2016	27-Mar-2019	27-Mar-2019	27-Mar-2019			Issue Date
Inactive	Issued	Issued	Inactive	Issued	Pending	Inactive	Status

Pending			23-May-2019	16-Nov-2018	3082477	Canada	EXTRACORPOREAL CIRCUIT AND COLUMN DESIGN THEREFORE
Pending				16-Nov-2018	2018368717	Australia	EXTRACORPOREAL CIRCUIT AND COLUMN DESIGN THEREFORE
Inactive				16-Mar-2017	62/472390	United States of America	COMPOSITIONS AND METHODS FOR THE TREATMENT OF METABOLIC DISORDERS
Inactive				15-Mar-2017	62/471824	United States of America	COMPOSITIONS AND METHODS FOR THE TREATMENT OF METABOLIC DISORDERS
Іпасііче			20-Sep-2018	(5-Mar-2018	PCI/US2018/0 22738	Patent Cooperation Treaty	COMPOSITIONS AND METHODS FOR THE TREATMENT OF METABOLIC DISORDERS
Inactive				24-May-2019	62/852760	United States of America	CHROMATOGRAPHIC MEDIA AND METHODS OF MAKING AND USING SAME
Pending			03-Dec-2020	22-May-2020	PCT/US2020/0 34285	Patent Cooperation Treaty	CHROMATOGRAPHIC MEDIA AND METHODS OF MAKING AND USING SAME
Status	Issue Date	Pateni No	Publication Date	Filing Date	Application	Country	Title

Inactive	Pending	Pending	Inactive	Inactive	Pending	Pending	No Issue Date Status
		12-Nov-2020			12-Feb-2021	23-Sep-2020	Publication Patent No Date
19-Oct-2018	08-Jan-2021	13-May-2020	16-Nov-2017	16-Nov-2018	16-Nov-2018	16-Nov-2018	Filing Date
62/747929	PCI/US2021/0 12646	16/763645	62/587090	PCT/US2018/0 61508	2020-\$4\$043	18879765.8	Application No
United States of America	Patent Cooperation Treaty	United States of America	United States of America	Patent Cooperation Treaty	Japan	European Patent Convention	Country
HEMOSTATIC GAUZE COMPRISING CARBON	HEMOSTATIC GAUZE COMPRISING CARBON	EXTRACORPOREAL CIRCUIT AND COLUMN DESIGN THEREFORE	Title				

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METHOD FOR EXTRACORPOREAL TREATMENT OF PREECLAMPSIA AND RELATED DISORDERS	METHOD FOR EXTRACORPOREAL TREATMENT OF PREECLAMPSIA AND RELATED DISORDERS	METHOD FOR EXTRACORPOREAL TREATMENT OF PREECLAMPSIA AND RELATED DISORDERS	METHOD FOR EXTRACORPOREAL TREATMENT OF PREECLAMPSIA AND RELATED DISORDERS	METHOD FOR EXTRACORPOREAL TREATMENT OF PREECLAMPSIA AND RELATED DISORDERS	METHOD FOR EXTRACORPOREAL TREATMENT OF PREECLAMPSIA AND RELATED DISORDERS	HEMOSTATIC GAUZE COMPRISING CARBON	Title
United States of America	Patent Cooperation Treaty	Mexico	European Patent Convention	China (People's Republic)	Çanada	United States of America	Country
62/316113	PCT/US2017/0 25362	MX/a/2018/011 739	17776769.6	201780020072. 4	3018191	62/958402	Application
31-Mar-2016	31-Mar-2017	31-Mar-2017	31-Mar-2017	31-Mar-2017	31-Mar-2017	08-Jan-2020	Filing Date
			09-Jan-2019	23-Nov-2018	05-Oct-2017		Publication Date
							Patent No
							Issue Date
Inactive	Inactive	Pending	Pending	Pending	Pending	Inactive	Status

NOVEL CARBON FOAMS AND METHODS OF MAKING AND USING SAME	NOVEL CARBON FOAMS AND METHODS OF MAKING AND USING SAME	NOVEL CARBON FOAMS AND METHODS OF MAKING AND USING SAME	NOVEL CARBON FOAMS AND METHODS OF MAKING AND USING SAME	NOVEL CARBON FOAMS AND METHODS OF MAKING AND USING SAME	NOVEL CARBON FOAMS AND METHODS OF MAKING AND USING SAME	Title METHOD FOR EXTRACORPOREAL TREATMENT OF PREECLAMPSIA AND RELATED DISORDERS
United States of America	United States of America	Patent Cooperation Treaty	European Patent Convention	Canada	Australia	Country United States of America
16/753251	62/568387	PCT/US2018/0 54454	18864919.8	3078507	2018346514	Application No. 16/088785
02-Apr-2020	05-Oct-2017	04-Oct-2018	04-Oct-2018	04-Oct-2018	04-Oct-2018	Filing Date 26-Sep-2018
22-Oct-2020			12-Aug-2020	04-Oct-2018		Publication Date 11-Apr-2019
						Patent No
						Issue Date
Pending	Inactive	Inactive	Pending	Pending	Pending	Status Pending

19-Dec-2018	19-Dec-2018 04-Mar-2021	19-Dec-2018 28-Oct-2020	19-Dec-2018 27-Jun-2019	19-Dec-2018	29-Dec-2017	06-Jul-2017	Date
PCT/US2018/9 19- 66568	2020-533783 19-	18890677.0 19-	3086051 19-	2018388633	62/611845 29-	0170	No
Patent Cooperation Treaty	Japan	European Patent Convention	Canada	Australia	United States of America	Patent Cooperation Treaty	Camar
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THERAPEUTIC COMPOSITIONS FOR AU VIRAL-ASSOCIATED DISEASE STATES AND METHODS OF MAKING AND USING SAME	TAILORED POROSITY MATERIALS AND UN METHODS OF MAKING AND USING of . SAME		SELECTIVE ADSORBENT OF DISEASE Un MEDIATORS		POLYCONDENSATION RESINS WITH UniTAILORED POROSITY AND METHODS of A OF MAKING AND USING SAME	S
Australia	United States of America	Patent Cooperation Treaty	United States of America	Patent Cooperation Treaty	United States of America	Country United States of America
2015320400	16/772969	PCT/US2017/0 56569	62/316122	PCT/US2017/0 25570	62/673573	Application No 62/607432
18-Nov-2015	15-Jun-2020	13-Oct-2017	31-May-2016	31-Mar-2017	18-May-2018	Filing Date
	20-May-2021			05-Oct-2017		Publication Date
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THERAPEUTIC COMPOSITIONS FOR United State VIRAL-ASSOCIATED DISEASE STATES of America AND METHODS OF MAKING AND USING SAME	THERAPEUTIC COMPOSITIONS FOR United States VIRAL-ASSOCIATED DISEASE STATES of America AND METHODS OF MAKING AND USING SAME	THERAPEUTIC COMPOSITIONS FOR United States VIRAL-ASSOCIATED DISEASE STATES of America AND METHODS OF MAKING AND USING SAME	THERAPEUTIC COMPOSITIONS FOR United States VIRAL-ASSOCIATED DISEASE STATES of America AND METHODS OF MAKING AND USING SAME	THERAPEUTIC COMPOSITIONS FOR Patent VIRAL-ASSOCIATED DISEASE STATES Cooperation AND METHODS OF MAKING AND USING Treaty SAME	THERAPEUTIC COMPOSITIONS FOR Canada VIRAL-ASSOCIATED DISEASE STATES AND METHODS OF MAKING AND USING SAME	THERAPEUTIC COMPOSITIONS FOR Australia VIRAL-ASSOCIATED DISEASE STATES AND METHODS OF MAKING AND USING SAME	Title Country
United States of America	States	States	States	31.On			at 7
16/807858	15/584796	15/513221	14/642538	PCT/US2015/0 \$2272	2961934	202 200849	Application
03-Mar-2020	02-May-2017	18-Nov-2015	09-Mar-2015	18-Nov-2015	18-Nov-2015	J0-Feb-2021	Filing Date
25-Jun-2020	17-Aug-2017	26-Oct-2017	22-Oct-2015	31-Mar-2016	31-Mar-2016		Publication Date
	10773011	10617813	9669151				Patent No.
	15-Sep-2020	14-Apr-2020	06-Jun-2017				Issue Date
Pending	Issued	Issued	Issued	Inactive	Pending	Pending	Status

THERAPEUTIC DETOXIFICATION COMPOSITIONS AND METHODS OF MAKING AND USING SAME	THERAPEUTIC DETOXIFICATION COMPOSITIONS AND METHODS OF MAKING AND USING SAME	THERAPEUTIC DETOXIFICATION COMPOSITIONS AND METHODS OF MAKING AND USING SAME	THERAPEUTIC DETOXIFICATION COMPOSITIONS AND METHODS OF MAKING AND USING SAME	THERAPEUTIC DETOXIFICATION COMPOSITIONS AND METHODS OF MAKING AND USING SAME	THERAPEUTIC COMPOSITIONS FOR VIRAL-ASSOCIATED DISEASE STATES AND METHODS OF MAKING AND USING SAME	THERAPEUTIC COMPOSITIONS FOR VIRAL-ASSOCIATED DISEASE STATES AND METHODS OF MAKING AND USING SAME	Title
Patent Cooperation Treaty	Germany	France	European Patent Convention	Canada	United States of America	United States of America	Country
PCT/US2015/0 26373	15780385.9	15780385,9	15780385.9	2957011	17/091214	17/008783	Application
17-Apr-2015	17-Apr-2015	17-Apr-2018	17-Apr-2018	17-Apr-2015	06-Noy-2020	01-Sep-2020	Filing Date
22-Oct-2015	12-Apr-2017	12-Apr-2017	12-Apr-2017	22-Oct-2015	25-Feb-2021	24-Dec-2020	Publication Date
	3151862	3151862	3151862				Patent No.
	17-Apr-2019	17-Apr-2019	17-Apr-2019				Issue Date
lnactive	Issued	Bssued	Essued	Pending	Pending	Pending	Status

Pending				27-May-2016	2016267257	Australia	UNIVERSAL BLOOD PLASMA AND METHODS OF PREPARING AND USING SAME
Pending			05-Aug-2021	26-Mar-202J	17/213561	United States of America	THERAPEUTIC DETOXIFICATION COMPOSITIONS AND METHODS OF MAKING AND USING SAME
Issued	30-Mar-2021	10960022	14-Feb-2019	16-Oct-2018	16/161546	United States of America	THERAPEUTIC DETOXIFICATION COMPOSITIONS AND METHODS OF MAKING AND USING SAME
Issued	27-Nov-2018	10137151	14-Sep-2017	17-Apr-2015	15/500893	United States of America	THERAPEUTIC DETOXIFICATION COMPOSITIONS AND METHODS OF MAKING AND USING SAME
Issued	17-Apr-2019	3151862	12-Apr-2017	17-Apr-2015	15780385.9	United Kingdom	THERAPEUTIC DETOXIFICATION COMPOSITIONS AND METHODS OF MAKING AND USING SAME
Issued	17-Apr-2019	3151862	12-Apr-2017	17-Apr-2015	15780385,9	Switzerland	THERAPEUTIC DETOXIFICATION COMPOSITIONS AND METHODS OF MAKING AND USING SAME
Issued	17-Apr-2019	3151862	12-Apr-2017	17-Apr-2015	15780385.9	Spain	THERAPEUTIC DETOXIFICATION COMPOSITIONS AND METHODS OF MAKING AND USING SAME
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UNIVERSAL BLOOD PLASMA AND METHODS OF PREPARING AND USING SAME	UNIVERSAL BLOOD PLASMA AND METHODS OF PREPARING AND USING SAME	UNIVERSAL BLOOD PLASMA AND METHODS OF PREPARING AND USING SAME	UNIVERSAL BLOOD PLASMA AND METHODS OF PREPARING AND USING SAME	UNIVERSAL BLOOD PLASMA AND METHODS OF PREPARING AND USING SAME	UNIVERSAL BLOOD PLASMA AND METHODS OF PREPARING AND USING SAME	Title UNIVERSAL BLOOD PLASMA AND METHODS OF PREPARING AND USING SAME
Patent Cooperation Treaty	Mexico	Japan	Hong Kong	European Patent Convention	China (People's Republic)	Country Canada
PCT/US2016/0 34679	MX/a/2017/015 213	2018-513747	18108997.6	16800805.0	201680038089, 8	Application No 2986775
27-May-2016	27-May-2016	27-May-2016	27-May-2016	27-May-2016	27-May-2016	Filing Date 27-May-2016
		12-Jul-2018		28-Mar-2018	16-Feb-2018	Publication Date 01-Dec-2016
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