



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

NOVEMBER 6, 2020

PTAS

MATTHEW J. BRESNAHAN
WILSON SONSINI GOODRICH & ROSATI
650 PAGE MILL ROAD
PALO ALTO, CA 94304

506340069

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 11/05/2020

REEL/FRAME: 054286/0453
NUMBER OF PAGES: 8

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 56884-767.601

ASSIGNOR:

WATKINS, JEFFRY D.

DOC DATE: 10/28/2020

ASSIGNOR:

DICKERSON, CINDY T.

DOC DATE: 10/28/2020

ASSIGNOR:

ROJAS, RAFAEL

DOC DATE: 10/28/2020

ASSIGNOR:

REISSMAN, MATTHEW

DOC DATE: 10/28/2020

ASSIGNOR:

MCNEELEY, PATRICIA

DOC DATE: 11/02/2020

ASSIGNEE:

PROMETHEUS BIOSCIENCES, INC.
9410 CARROLL PARK DRIVE
SAN DIEGO, CALIFORNIA 92121

APPLICATION NUMBER:

FILING DATE: 10/23/2020

PATENT NUMBER:

ISSUE DATE:

PCT NUMBER: US2020057119

TITLE: HUMANIZED ANTIBODIES TO TNF-LIKE LIGAND 1A (TL1A) AND USES
THEREOF

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT	Docket Number 56884-767.601								
The undersigned: <table style="width: 100%; border: none;"> <tr> <td style="width: 25%; vertical-align: top;"> 1. Jeffrey D. WATKINS 9410 Carroll Park Drive San Diego, CA 92121 (USA) </td> <td style="width: 25%; vertical-align: top;"> 2. Cindy T. DICKERSON 9410 Carroll Park Drive San Diego, CA 92121 (USA) </td> <td style="width: 25%; vertical-align: top;"> 3. Rafael ROJAS 9410 Carroll Park Drive San Diego, CA 92121 (USA) </td> <td style="width: 25%; vertical-align: top;"> 4. Matthew REISSMAN 9410 Carroll Park Drive San Diego, CA 92121 (USA) </td> </tr> <tr> <td colspan="4" style="vertical-align: top; padding-top: 10px;"> 5. Patricia MCNEELEY 9410 Carroll Park Drive San Diego, CA 92121 (USA) </td> </tr> </table>		1. Jeffrey D. WATKINS 9410 Carroll Park Drive San Diego, CA 92121 (USA)	2. Cindy T. DICKERSON 9410 Carroll Park Drive San Diego, CA 92121 (USA)	3. Rafael ROJAS 9410 Carroll Park Drive San Diego, CA 92121 (USA)	4. Matthew REISSMAN 9410 Carroll Park Drive San Diego, CA 92121 (USA)	5. Patricia MCNEELEY 9410 Carroll Park Drive San Diego, CA 92121 (USA)			
1. Jeffrey D. WATKINS 9410 Carroll Park Drive San Diego, CA 92121 (USA)	2. Cindy T. DICKERSON 9410 Carroll Park Drive San Diego, CA 92121 (USA)	3. Rafael ROJAS 9410 Carroll Park Drive San Diego, CA 92121 (USA)	4. Matthew REISSMAN 9410 Carroll Park Drive San Diego, CA 92121 (USA)						
5. Patricia MCNEELEY 9410 Carroll Park Drive San Diego, CA 92121 (USA)									
(the “<u>Inventor(s)</u>”), desire to assign the entire right, title and interest in and to the Inventions and Assigned Patents (each, as defined below) to PROMETHEUS BIOSCIENCES, INC., a corporation incorporated under the laws of the State of Delaware, having a place of business at 9410 Carroll Park Drive, San Diego, California, 92121, (the “<u>Assignee</u>”), and Assignee desires to acquire such right, title and interest, all on the terms and conditions set forth in this Patent Assignment. NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor(s) to have been received in full from said Assignee: 1. Said Inventor(s) have invented certain new and useful inventions and improvements disclosed in the following patent(s) and patent application(s): HUMANIZED ANTIBODIES TO TNF-LIKE LIGAND 1A (TL1A) AND USES THEREOF • for which a PCT application serial number <u>PCT/US2020/057119</u> was filed on <u>October 23, 2020</u> in the United States Receiving Office of the Patent Cooperation Treaty (the “<u>Listed Patent(s)</u>”). As used herein: “<u>Assigned Patents</u>” means (a) the Listed Patent(s), (b) all Patents that share priority with or claim priority to or from the Listed Patent(s), including each and every Patent that is a divisional, substitution, continuation, continuation-in-part, non-provisional, or national phase application of any of the Listed Patent(s), (c) all Patents applied for on an invention disclosed within the Patents included in foregoing subclauses (a)-(b), (d) each and every Patent granting, issuing or reissuing from any of the foregoing under subclauses (a)-(c), (e) each and every reissue, reexamination, renewal or extension of any kind of any of the foregoing under subclauses (a)-(d), and (f) each and every Patent filed outside the United States and corresponding to any of the foregoing under subclauses (a)-(e). “<u>Patents</u>” means (i) patents, certifications of inventions, inventor’s certificates and other forms of protection granted on any invention in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, including those filed under the Paris Convention for the Protection of Industrial Property, The Patent Cooperation Treaty or otherwise, and (ii) applications therefor (whether provisional, converted provisional, utility, design, plant, utility model, non-provisional or otherwise). 2. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to the Assigned Patents, including the right to claim priority to and from said Assigned Patents; (b) in and to the inventions disclosed in the Assigned Patents, and in and to all embodiments of the inventions, heretofore conceived, made or discovered, whether jointly or severally, by said Inventor(s) (the “<u>Inventions</u>”) and (c) in and to all claims for past, present and future infringement of the Assigned Patents, including all rights to sue for and to receive and recover for Assignee’s own use all past, present, and future lost profits, royalties, and damages of whatever nature recoverable from an infringement of the Assigned Patents. 3. Said Inventor(s) hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for filing, prosecuting or maintaining any of the Assigned Patents; (c) for filing, prosecuting or maintaining applications for reissuance of any said Assigned Patents; (d) for interference or other priority proceedings involving said Assigned Patents or Inventions; and (e) for legal proceedings involving said Inventions or Assigned Patents, including without limitation reissues and reexaminations, IPRs, opposition and other post-grant proceedings, , cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that reasonable expenses incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee. 4. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns. 5. Said Inventor(s) hereby warrant, represent and covenant that said Inventor(s) have not entered and will not enter into any assignment, contract, or understanding in conflict herewith. 6. Said Inventor(s) hereby request that any Assigned Patents issuing or granting in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, be issued or granted in the name of the Assignee, or its successors and assigns, for the sole use of said Assignee, its successors, legal representatives and assigns. 7. This instrument will be interpreted and construed in accordance with the laws of the California, without regard to conflict of law principles. If any provision of this instrument is found to be illegal or unenforceable, the other provisions shall remain effective and enforceable to the greatest extent permitted by law. This instrument may be executed in counterparts, each of which is deemed an original, but all of which together constitute one and the same agreement.									

PATENT ASSIGNMENT

Docket Number 56884-767.601

IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below:

Date: _____
Jeffrey D. WATKINS

Date: 10-28-2020
Cindy T. DICKERSON

Date: _____
Rafael ROJAS

Date: _____
Matthew REISSMAN

Date: _____
Patricia MCNEELEY

RECEIVED AND AGREED TO BY ASSIGNEE:

PROMETHEUS BIOSCIENCES, INC.

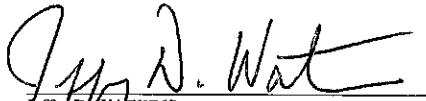
Date: _____ Signature: _____
Name: Laurens Kruidenier
Title: Chief Scientific Officer

PATENT ASSIGNMENT

Docket Number 56884-767.601

IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below:

Date: 10-28-2020


Jeffrey D. WATKINS

Date: _____

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Date: _____

Rafael ROJAS

Date: _____

Matthew REISSMAN

Date: _____

Patricia MCNEBELEY

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PROMETHEUS BIOSCIENCES, INC.

Date: _____

Signature: _____

Name: Laurens Kruidenier

Title: Chief Scientific Officer

PATENT ASSIGNMENT

Docket Number 56884-767.601

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Matthew REISSMAN

Date: _____
Patricia MCNEELEY

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PROMETHEUS BIOSCIENCES, INC.

Date: _____ Signature: _____
Name: Laurens Kruidenier
Title: Chief Scientific Officer

PATENT ASSIGNMENT

Docket Number 56884-767.601

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Patricia MCNEELEY

RECEIVED AND AGREED TO BY ASSIGNEE:

PROMETHEUS BIOSCIENCES, INC.

Date: _____
Signature: _____
Name: Laurens Kruidenier
Title: Chief Scientific Officer

PATENT ASSIGNMENT

Docket Number 56884-767.601

IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below:

Date: _____
Jeffrey D. WATKINS

Date: _____
Cindy T. DICKERSON

Date: _____
Rafael ROJAS

Date: _____
Matthew REISSMAN

Date: 11/2/2020
Patricia MCNEELEY

RECEIVED AND AGREED TO BY ASSIGNEE:

PROMETHEUS BIOSCIENCES, INC.

Date: 11/2/2020
Signature: _____
Name: Laurens Kruidenier
Title: Chief Scientific Officer



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JANUARY 25, 2022

PTAS

WILSON SONSINI GOODRICH & ROSATI
650 PAGE MILL ROAD
PALO ALTO, CA 94304

507089249

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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RECORDATION DATE: 01/24/2022

REEL/FRAME: 058740/0199
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 56884-767.601

ASSIGNOR:
BILSBOROUGH, JANINE

DOC DATE: 12/13/2021

ASSIGNOR:
HENKLE, BRADLEY

DOC DATE: 12/13/2021

ASSIGNOR:
TARGAN, STEPHAN R.

DOC DATE: 12/17/2021

ASSIGNEE:
CEDARS-SINAI MEDICAL CENTER
8700 BEVERLY BOULEVARD
LOS ANGELES, CALIFORNIA 90048

APPLICATION NUMBER:

FILING DATE: 10/23/2020

PATENT NUMBER:

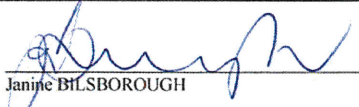
ISSUE DATE:

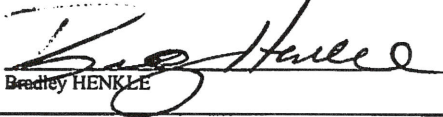
PCT NUMBER: US2057119

TITLE: HUMANIZED ANTIBODIES TO TNF-LIKE LIGAND 1A (TL1A) AND USES THEREOF

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT		Docket Number 56884-767.101, 601
The undersigned:		
1. Janine BILSBOROUGH Adelaide, South Australia (AU)	2. Bradley HENKLE West Hollywood, CA (US)	3. Stephan R. TARGAN Santa Monica, CA (US)
(the "Inventor(s)"), desire to assign the entire right, title and interest in and to the Inventions and Assigned Patents (each, as defined below) to <u>Cedars-Sinai Medical Center</u>, a corporation incorporated under the laws of the State of <u>California</u>, having a place of business at <u>8700 Beverly Blvd., Los Angeles, California 90048 (US)</u>, (the "Assignee"), and Assignee desires to acquire such right, title and interest, all on the terms and conditions set forth in this Patent Assignment. NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor(s) to have been received in full from said Assignee: 1. Said Inventor(s) have invented certain new and useful inventions and improvements disclosed in the following patent(s) and patent application(s): HUMANIZED ANTIBODIES TO TNF-LIKE LIGAND 1A (TL1A) AND USES - for which application serial number <u>62/925,736</u> was filed on <u>October 24, 2019</u> in the United States Patent and Trademark Office - for which application serial number <u>PCT/US20/57119</u> was filed on <u>October 23, 2020</u> in the United States Patent and Trademark Office (the "Listed Patent(s)"). As used herein: "Assigned Patents" means (a) the Listed Patent(s), (b) all Patents that share priority with or claim priority to or from the Listed Patent(s), including each and every Patent that is a divisional, substitution, continuation, continuation-in-part, non-provisional, or national phase application of any of the Listed Patent(s), (c) all Patents applied for on an invention disclosed within the Patents included in foregoing subclauses (a)-(b), (d) each and every Patent granting, issuing or reissuing from any of the foregoing under subclauses (a)-(c), (e) each and every reissue, reexamination, renewal or extension of any kind of any of the foregoing under subclauses (a)-(d), and (f) each and every Patent filed outside the United States and corresponding to any of the foregoing under subclauses (a)-(e). "Patents" means (i) patents, certifications of inventions, inventor's certificates and other forms of protection granted on any invention in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, including those filed under the Paris Convention for the Protection of Industrial Property, The Patent Cooperation Treaty or otherwise, and (ii) applications therefor (whether provisional, converted provisional, utility, design, plant, utility model, non-provisional or otherwise). 2. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to the Assigned Patents, including the right to claim priority to and from said Assigned Patents; (b) in and to the inventions disclosed in the Assigned Patents, and in and to all embodiments of the inventions, heretofore conceived, made or discovered, whether jointly or severally, by said Inventor(s) (the "Inventions") and (c) in and to all claims for past, present and future infringement of the Assigned Patents, including all rights to sue for and to receive and recover for Assignee's own use all past, present, and future lost profits, royalties, and damages of whatever nature recoverable from an infringement of the Assigned Patents. 3. Said Inventor(s) hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for filing, prosecuting or maintaining any of the Assigned Patents; (c) for filing, prosecuting or maintaining applications for reissuance of any said Assigned Patents; (d) for interference or other priority proceedings involving said Assigned Patents or Inventions; and (e) for legal proceedings involving said Inventions or Assigned Patents, including without limitation reissues and reexaminations, IPRs, opposition and other post-grant proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that reasonable expenses incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee. 4. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns. 5. Said Inventor(s) hereby warrant, represent and covenant that said Inventor(s) have not entered and will not enter into any assignment, contract, or understanding in conflict herewith. 6. Said Inventor(s) hereby request that any Assigned Patents issuing or granting in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, be issued or granted in the name of the Assignee, or its successors and assigns, for the sole use of said Assignee, its successors, legal representatives and assigns. 7. This instrument will be interpreted and construed in accordance with the laws of the State of California, without regard to conflict of law principles. If any provision of this instrument is found to be illegal or unenforceable, the other provisions shall remain effective and enforceable to the greatest extent permitted by law. This instrument may be executed in counterparts, each of which is deemed an original, but all of which together constitute one and the same agreement.		

PATENT ASSIGNMENT	Docket Number 56884-767.101, 601
IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below:	
Date: <u>12/13/2021</u>  <u>Janine BILSBOROUGH</u>	
Date: _____ <u>Bradley HENKLE</u>	
Date: _____ <u>Stephan R. TARGAN</u>	
RECEIVED AND AGREED TO BY ASSIGNEE: CEDARS-SINAI MEDICAL CENTER	
Date: _____ Signature: _____ Name: James Laur, JD Title: Vice President, Intellectual Property	

PATENT ASSIGNMENT		Docket Number 56884-767.101, 601
IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below:		
Date: _____ Janine BILSBOROUGH		
Date: <u>12/13/2021</u>  Bradley HENKLE		
Date: _____ Stephan R. TARGAN		
RECEIVED AND AGREED TO BY ASSIGNEE:		CEDARS-SINAI MEDICAL CENTER
Date: _____		Signature: _____ Name: James Laur, JD Title: Vice President, Intellectual Property

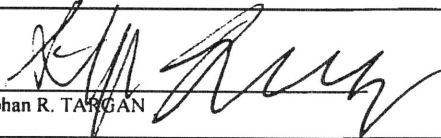
PATENT ASSIGNMENT

Docket Number 56884-767.101, 601

IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below:

Date: _____
Janine BILSBOROUGH

Date: _____
Bradley HENKLE

Date: 12-17-21 
Stephan R. TARRIGAN

RECEIVED AND AGREED TO BY ASSIGNEE:

CEDARS-SINAI MEDICAL CENTER

Date: 12/18/2021

Signature: 
Name: James Laur, JD
Title: Vice President, Intellectual Property



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

SEPTEMBER 2, 2020

PTAS

WILSON SONSINI GOODRICH & ROSATI
650 PAGE MILL ROAD
PALO ALTO, CA 94304

506232058

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RECORDATION DATE: 09/01/2020

REEL/FRAME: 053662/0913
NUMBER OF PAGES: 7

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 56884-767.101

ASSIGNOR:

WATKINS, JEFFRY D.

DOC DATE: 07/23/2020

ASSIGNOR:

DICKERSON, CINDY T.

DOC DATE: 07/23/2020

ASSIGNOR:

ROJAS, RAFAEL

DOC DATE: 07/27/2020

ASSIGNOR:

REISSMAN, MATTHEW

DOC DATE: 07/28/2020

ASSIGNOR:

MCNEELEY, PATRICIA

DOC DATE: 07/28/2020

ASSIGNEE:

PROMETHEUS BIOSCIENCES, INC.
9410 CARROLL PARK DRIVE
SAN DIEGO, CALIFORNIA 92121

APPLICATION NUMBER: 62925736

FILING DATE: 10/24/2019

PATENT NUMBER:

ISSUE DATE:

TITLE: HUMANIZED ANTIBODIES TO TNF-LIKE LIGAND 1A (TL1A) AND USES

ASSIGNMENT RECORDATION BRANCH

PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT

Docket Number 56884-767.101

WHEREAS, the undersigned:

1. Jeffrey D. Watkins
Encinitas, CA (US)
2. Cindy T. Dickerson
Encinitas, CA (US)
3. Rafael Rojas
San Marcos, CA (US)
4. Matthew Reissman
San Diego, CA (US)
5. Patricia McNeeley
San Diego, CA (US)

(hereinafter "Inventor(s)"), have invented certain new and useful improvements in

HUMANIZED ANTIBODIES TO TNF-LIKE LIGAND 1A (TL1A) AND USES

- ☐ for which a United States patent application is executed on even date herewith;
- ☒ for which application serial number 62/925,736 was filed on October 24, 2019 in the United States Patent and Trademark Office;
- ☐ for which a PCT application serial number _____ was filed on _____ in the [] Receiving Office of the Patent Cooperation Treaty;
- ☐ for which application serial number _____ was filed on _____ in the _____ Patent Office;
- ☐ for which an application was filed upon which a United States Patent issued on _____, as U.S. Patent No. _____; or
- ☐ for which a PCT application will be filed on or before [insert 12-month date] in the [] Receiving Office of the Patent Cooperation Treaty

which will claim priority to [_____].

(hereinafter, "Application(s)"). The term "Application(s)" also includes all patent applications that share or claim priority to or from the above application(s).

WHEREAS, PROMETHEUS BIOSCIENCES, INC., a corporation incorporated under the laws of the State of Delaware, having a place of business at 9410 Carroll Park Drive, San Diego, California 92121 (US), (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said Application(s), and the inventions disclosed therein, and in and to all embodiments of the inventions, heretofore conceived, made or discovered, whether jointly or severally, by said Inventor(s) (hereinafter collectively referred to as "Inventions"), and in and to any and all patents, inventor's certificates and other forms of protection thereon granted in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, including those filed under the Paris Convention for the Protection of Industrial Property, The Patent Cooperation Treaty or otherwise (hereinafter "Patent(s)").

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor(s) to have been received in full from said Assignee:

1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said Inventions; (b) in and to said Applications, including the right to claim priority to and from said Application(s); (c) in and to each and every application that is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s); (d) in and to said Patent(s) and each and every patent issuing or reissuing from any of the foregoing; (e) in and to each and every reissue, reexamination, renewal or extension of any kind of any of the foregoing; (f) in and to each and every patent and application filed outside the United States and corresponding to any of the foregoing; and (g) in and to all claims for past, present and future infringement of the Patent(s), including all rights to sue for and to receive and recover for Assignee's own use all past, present, and future lost profits, royalties, and damages of whatever nature recoverable from an infringement of the Patent(s).

2. Said Inventor(s) hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any applications covering said Inventions; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Inventions; (d) for filing and prosecuting applications for reissuance of any said Patent(s); (e) for interference or other priority proceedings involving said Inventions; and (f) for legal proceedings involving said Inventions and any applications therefor and any Patent(s) granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that reasonable expenses incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns.

4. Said Inventor(s) hereby warrant, represent and covenant that said Inventor(s) have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

5. Said Inventor(s) hereby request that any Patent(s) issuing in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, be issued in the name of the Assignee, or its successors and assigns, for the sole use of said Assignee, its successors, legal representatives and assigns.

6. This instrument will be interpreted and construed in accordance with the laws of the State of Delaware, without regard to conflict of law principles. If any provision of this instrument is found to be illegal or unenforceable, the other provisions shall remain effective and enforceable to the greatest extent permitted by law. This instrument may be executed in counterparts, each of which is deemed an original, but all of which together constitute one and the same agreement.

PATENT ASSIGNMENT		Docket Number 56884-767.101
IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below:		
Date: <u>23 July 2020</u>	<u>Jeff D. Watkins</u> Jeffrey D. Watkins	Date: <u>23 Jul 2020</u>
		<u>Cindy T. Dickerson</u> Cindy T. Dickerson
Date: _____	<u>Rafael Rojas</u> Rafael Rojas	Date: _____
		<u>Matthew Reissman</u> Matthew Reissman
Date: _____	<u>Patricia McNeeley</u> Patricia McNeeley	
RECEIVED AND AGREED TO BY ASSIGNEE: PROMETHEUS BIOSCIENCES, INC.		
Date: <u>7/29/2020</u>	Signature: <u>Jaume Oskun</u> Name: _____ Title: <u>General Counsel</u>	<u>Christopher Skindly</u>

PATENT ASSIGNMENT		Docket Number 56884-767.101
IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below:		
Date: _____ Jeffrey D. Watkins	Date: _____ Cindy T. Dickerson	
Date: <u>7-27-2020</u> <u>Rafael Rojas</u>	Date: _____ Matthew Reissman	
Date: _____ Patricia McNeeley		
RECEIVED AND AGREED TO BY ASSIGNEE: PROMETHEUS BIOSCIENCES, INC.		
Date: <u>7/29/2020</u>	Signature: <u>Jauren Okunishi</u>	
	Name: _____	
	Title: <u>Christopher Stansbury</u> <u>General Counsel</u>	

PATENT ASSIGNMENT		Docket Number 56884-767.101
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Date: <u>7-27-2020</u> <u>Rafael Rojas</u>	Date: _____ Matthew Reissman	
Date: _____ Patricia McNeeley		
RECEIVED AND AGREED TO BY ASSIGNEE: PROMETHEUS BIOSCIENCES, INC.		
Date: <u>7/29/2020</u>	Signature: <u>Jauren Okunishi</u>	
	Name: <u>Christopher Okunishi</u>	
	Title: <u>General Counsel</u>	

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RECEIVED AND AGREED TO BY ASSIGNEE: PROMETHEUS BIOSCIENCES, INC.		
Date: <u>7/29/2020</u>	Signature: <u>Jauren Okunishi</u>	
	Name: <u>Christopher Okunishi</u>	
	Title: <u>General Counsel</u>	

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Date: <u>7/29/2020</u>	Signature: <u>Jauren Okunishi</u>	
	Name: <u>Christopher Okunishi</u>	
	Title: <u>General Counsel</u>	

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Date: <u>7/29/2020</u>	Signature: <u>Jauren Okunishi</u>	
	Name: <u>Christopher Okunishi</u>	
	Title: <u>General Counsel</u>	

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Date: <u>7/29/2020</u>	Signature: <u>Jauren Okunishi</u>	
	Name: <u>Christopher Okunishi</u>	
	Title: <u>General Counsel</u>	

PATENT ASSIGNMENT		Docket Number 56884-767.101	
IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below:			
Date: _____	Jeffrey D. Watkins	Date: _____	Cindy T. Dickerson
Date: _____	Rafael Rojas	Date: <u>7/28/20</u>	<u>Matthew Reissman</u> Matthew Reissman
Date: _____	Patricia McNeeley		
RECEIVED AND AGREED TO BY ASSIGNEE: PROMETHEUS BIOSCIENCES, INC.			
Date: <u>7/29/2020</u>	Signature: <u>Jauren Ozsuzhi</u> Name: _____ Title: _____ <u>Christy Stansky</u> <u>General Counsel</u>		

PATENT ASSIGNMENT

Docket Number 56884-767.101

IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below:

Date: _____	Jeffry D. Watkins	Date: _____	Cindy T. Dickerson
Date: _____	Rafael Rojas	Date: _____	Matthew Reissman
Date: <u>7/28/20</u>	<u>Patricia McNeeley</u> Patricia McNeeley		

RECEIVED AND AGREED TO BY ASSIGNEE: PROMETHEUS BIOSCIENCES, INC.

Date: _____ Signature: Jauren Ozuna
Name: _____
Title: _____