505851093 01/07/2020

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5898030

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Marcelo Bigal	05/27/2015
Sarah Walter	06/01/2015
Henry Stern	05/19/2015
Michael Chang	05/21/2015

RECEIVING PARTY DATA

Name:	LABRYS BIOLOGICS, INC.
Street Address:	735 GALVESTON DRIVE
City:	REDWOOD CITY
State/Country:	CALIFORNIA
Postal Code:	94063

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16676988

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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: +1 (617) 521-7804

Email: apsi@fr.com LIUJING XING **Correspondent Name:**

FISH & RICHARDSON P.C. Address Line 1:

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	43612-0006004
NAME OF SUBMITTER:	RITA M. LISTON
SIGNATURE:	/Rita M. Liston/
DATE SIGNED:	01/07/2020

Total Attachments: 4

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PATENT REEL: 051438 FRAME: 0743 505851093

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PATENT REEL: 051438 FRAME: 0744

	PATENT ASSIGNMENT		Docket Number 44306-708.501
WHEREAS, the undersigned:			
BIGAL, Marcelo Doylestown, PA	 WALTER, Sarah Redwood City, CA 	3. STERN, Henry Woodside, CA	4. CHANG, Michael Portola Valley, CA
4	in and a section of the control in	arrownments in	
	e invented certain new and useful im ODIES DIRECTED AGAINST C		PEPTIDE AND METHODS USING SAME
☐ for which applies (hereinafter, "Appliestion(s)". application(s) .	ation serial number <u>14/711,705</u> was The term "Application(s)" also inclu	filed on <u>May 13, 2015</u> in the Unite ides all patent applications that sha	d States Patent Office; are or claim priority to or from the above
WHEREAS, Labrys Biologics, Inc., a corporation of the State of <u>Delaware</u> , having a place of business at <u>735 Galveston Drive</u> , <u>Redwood City</u> , <u>California 94063</u> (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 us "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 said Assignee:	2, in consideration of good and value	able consideration acknowledged b	y said Inventor(s) to have been received in full from
I. 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; and (f) in and to each and every patent and application filed outside the United States and corresponding to any of the foregoing.			
2. Said Inventor(s) hereby covenant and agree to cooperate with said Assignce to enable said Assignce 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 deened 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 any 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 Assignce, 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 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.			
IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignce as of the dates written below:			
Date: 05/2/11)	rcelo Bigal	EZ_Ditie:	Sarah Walter
Date:	nry Stern	Date:	Michael Chang

	PATENT ASSIGNMENT		Docket Number 44306-708 501
WHEREAS, the undersigned	** *** #* #*** *** *** *** *** *** ***		
1 BIGAL, Marcelo Doylestown, PA	2. WALTER, Sarah Redwood City, CA	3 STERN, Henry Woodside, CA	4. CHANG, Michael Portola Valley, CA
	e invented certain new and useful impro		
ANTAGONIST ANTI	ODIES DIRECTED AGAINST CAL	CITONIN GENE-RELATED	PEPTIDE AND METHODS USING SAME
(heremafter, "Application(s)", application(s)		s all patent applications that sha	re or claim priority to or from the above
94063 (heremafter "Assignee" and in and to all embodiments collectively referred to as "Inv States, foreign countries, or un	j. is desirous of acquiring the entire right of the inventions, heretofore conceived, corons ³³ , and in and to any and all pate	n, title and interest in and to said , made or discovered, whether jo nts, inventor's certificates and of ment, protocol, or treaty, includi	s at 735 Gulveston Drive, Redwood City, California I Application(s), and the inventions disclosed therem, fintly or severally, by said Inventor(s) (heremafter ther forms of protection thereon granted in the United ing those filed under the Paris Convention for the).
NOW, THEREFOR said Assignce.	E, in consideration of good and valuable	e consideration acknowledged b	y said Inventor(s) to have been received in full from
Inventions, (b) in and to said is a divisional, substitution, coor reissuing from any of the for (f) in and to each and every particularly in and to each and every particularly in any of the form.	Applications, including the right to clain numuation, or continuation-in-part of ar regoing: (e) in and to each and every re- tent and application filed outside the Un	n priority to and from said Apple y of said Application(s). (d) in a vissue, reexamination, renewal o nited States and corresponding to	
right, title and interest herein cooperation by said Inventor(s specifications, declarations or Assignee the right, title and in divisional, continuing or addit (e) for interference or other professional and any Patent(s) grantionity contests, nublic use property contests and number of the num	conveyed in the United States, foreign c) shall include prompt production of pe other papers, and other assistance all to terest herein conveyed, (b) for prosecut ional applications covering said Inventi- tority proceedings involving said Inventi-	ountries, or under any internation trinent facts and documents, giving extent decimed necessary or any applications covering salons, (d) for filing and prosecutions, and (f) for legal proceeding the coveries and revenues and recognitions.	nable said Assignce to enjoy to the fullest extent the nal convention, agreement, protecol, or treaty. Such ing of testimony, execution of petitions, oaths, desirable by said Assignce (u) for perfecting in said id Inventions; (c) for fiting and prosecuting substitute, ig applications for reissuance of any said Patent(s); gs involving said Inventions and any applications opposition proceedings, cancellation proceedings, last reasonable expenses incurred by said Inventor(s)
3. The term representatives, and shall be b	s and covenants of this assignment shal inding upon said Inventor(s), their resp	I inure to the benefit of said Ass cerve heirs, legal representatives	ignee, its successors, assigns and other legal s 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 Inv agreement, protocol, or treaty representatives and assigns	entor(s) hereby request that any Patent(s, be issued in the name of the Assignee,	 issuing in the United States, for or its successors and assigns, for 	reign countries, or under any international convention r the sole use of said Assignee, its successors, legal
	California and a comment of English by illar	ol or upeninteesble, the other br	The State of California, without regard to conflict of covisions shall remain effective and enforceable to the deemed an original, but all of which together constitute.
IN WITNESS WH	EREOF, said Inventor(s) have executed	and delivered this instrument to	said Assignee as of the dates written below
Date	arcelo Bigal	Date: 15042015	Sarah Walter
Duta		Date	
Dale	enry Stern		Michael Chang

Page 1 of 1

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PATENT REEL: 055478 FRAME: 0390 WHEREAS, the undersigned:

 BIGAL, Marcelo Doylestown, PA 2. WALTER, Sarah Redwood City, CA STERN, Henry Woodside, CA 4. CHANG, Michael Portola Valley, CA

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

ANTAGONIST ANTIBODIES DIRECTED AGAINST CALCITONIN GENE-RELATED PEPTIDE AND METHODS USING SAME

for which application serial number 14/711.705 was filed on May 13, 2015 in the United States Patent Office; (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, <u>Labrys Biologies</u>. Inc., a corporation of the State of <u>Delaware</u>, having a place of business at <u>735 Galveston Drive</u>, <u>Redwood City</u>. <u>California 94063</u> (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; and (f) in and to each and every patent and application filed outside the United States and corresponding to any of the foregoing.
- 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 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.

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

Date:	Marcelo Bigal	Date:	Sarah Walter
Date: (C) MA/	Henry Stern	Date:	Michael Chang

Page 1 of 1

	PATENT ASSIGNMENT		Docket Number 44306-708.501
WHEREAS, the undersign	ned:		
1. BIGAL, Marcelo Doylestown, PA	2. WALTER, Sarah Redwood City, CA	3. STERN, Henry Woodside, CA	4. CHANG, Michael Portola Valley, CA
(hereinafter "Inventor(s)),	have invented certain new and useful impro-	rements in	
ANTAGONIST AT	NTIBODIES DIRECTED AGAINST CAL	CITONIN GENE-RELATED F	PEPTIDE AND METHODS USING SAME
☑ for which a (hereinafter, "Application application(s).	pplication serial number <u>14/711.705</u> was filed (s)". The term "Application(s)" also includes	on May 13, 2015 in the United Sall patent applications that share	States Patent Office; or claim priority to or from the above
94063 (hereinafter "Assign and in and to all embodim collectively referred to as States, foreign countries, c	nee"), is desirous of acquiring the entire right, ents of the inventions, heretofore conceived, r "Inventions"), and in and to any and all patent	title and interest in and to said A nade or discovered, whether join is, inventor's certificates and othe ent, protocol, or treaty, including	at 735 Galveston Drive, Redwood City, California application(s), and the inventions disclosed therein, thy or severally, by said inventor(s) (hereinafter ar forms of protection thereon granted in the United those filed under the Paris Convention for the
NOW, THERE said Assignee:	ORE, in consideration of good and valuable	consideration acknowledged by s	said Inventor(s) to have been received in full from
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; and (f) in and to each and every patent and application filed outside the United States and corresponding to any of the foregoing.			
2. Said Inventor(s) hereby coverant 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 trenty. 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 applications for reissuance of any said Patent(s); (c) 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.			
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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 Assignce, or its successors and assigns, for the sole use of said Assignce, its successors, legal representatives and assigns.			
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IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignce as of the dates written below:			
Date:		Data	
17110.	Marcelo Bigal	Date:	Sarah Walter
Date:	Henry Stern	Date: 5/21/2615	Michael Chang

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RECORDED: 06/03/2026

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