

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4210391

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RAJARAM KRISHNAN	09/19/2014
DAVID J. CHARLOT	09/19/2014
EUGENE TU	09/28/2014
JAMES MCCANNA	09/25/2014
LUCAS KUMOSA	09/24/2014
PAUL D. SWANSON	09/24/2014
ROBERT TURNER	09/19/2014
KAI YANG	09/19/2014
IRINA DOBROVOLSKAYA	09/19/2014
DAVID LIU	09/19/2014
JUAN PABLO HINESTROSA SALAZAR	09/19/2014
JUSCILENE MENEZES	09/19/2014
RECEIVING PARTY DATA	
Name:	BIOLOGICAL DYNAMICS, INC.
Street Address:	9393 TOWNE CENTRE DR.
Internal Address:	SUITE 140
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92121
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15320730
CORRESPONDENCE DATA	
Fax Number:	
<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:	6504939300
Email:	patentdocket@wsgr.com, lkim@wsgr.com
Correspondent Name:	WILSON SONSINI GOODRICH & ROSATI
Address Line 1:	650 PAGE MILL ROAD

PATENT

Address Line 4: PALO ALTO, CALIFORNIA 94304	
ATTORNEY DOCKET NUMBER:	39563-706.831
NAME OF SUBMITTER:	LORA KIM
SIGNATURE:	/Lora Kim/
DATE SIGNED:	01/04/2017
Total Attachments: 6 source=39563-706.501 Assignment_signed#page1.tif source=39563-706.501 Assignment_signed#page2.tif source=39563-706.501 Assignment_signed#page3.tif source=39563-706.501 Assignment_signed#page4.tif source=39563-706.501 Assignment_signed#page5.tif source=39563-706.501 Assignment_signed#page6.tif	

PATENT ASSIGNMENT

Docket Number 39563-706,501

WHEREAS, the undersigned:

- | | | | |
|---|---|--|--|
| 1. KRISHNAN Rajaram
9805 Judicial Dr., Apt 2442
San Diego, CA 92122 | 2. CHARLOT David J.
822 Vanitie Ct.
San Diego, CA 92109 | 3. TU Eugene
3527 Lark Street
San Diego, CA 92103 | 4. MCCANNA James
7355 Calle Cristobal
San Diego, CA 92126 |
| 5. KUMOSA Lucas
15414 E. Powers Dr.
Centennial, CO 90015 | 6. SWANSON Paul D.
10854 Susie Lane
Santee, CA 92071 | 7. TURNER Robert
3524 Jemez Dr.
San Diego, CA 92117 | 8. YANG Kai
8933 Lombard Place, Apt. 216
San Diego, CA 92122 |
| 9. DOBROVOLSKAYA Irina
3211 Caminito East Bluff
San Diego, CA 92037 | 10. LIU David
1722 Granada Avenue
San Diego, CA 92102 | 11. HINESTROSA
SALAZAR Juan Pablo
4085 Crystal Dawn Lane
204
San Diego, CA 92122 | 12. MENEZES Juscilene
510 Stratford Ct. # 103A
Del Mar, CA 92104 |

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

NUCLEIC ACID SAMPLE PREPARATION

- ☐ for which a United States patent application is executed on even date herewith;
- ☒ for which application serial number 14/311,037 was filed on June 20, 2014 in the United States Patent and Trademark Office;
- ☐ for which application serial number _____ was filed on _____ in the U.S. Receiving Office of the Patent Cooperation Treaty;
- ☐ for which application serial number _____ was filed on _____ in the _____ Patent Office; and/or
- ☐ for which an application was filed upon which a United States Patent issued on _____, as U.S. Patent No. _____

(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, Biological Dynamics, Inc., a corporation of the State of Delaware, having a place of business at 9393 Towne Centre Dr., Suite 140, San Diego, CA 92121, (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.

PATENT ASSIGNMENT

Docket Number 39563-706,501

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: 9/19/2014 [Signature]
Rajaram KRISHNAN

Witnessed by _____ on _____
Printed Name: _____ Date: _____

Date: 9/19/2014 [Signature]
David J. CHARLOT

Witnessed by _____ on _____
Printed Name: _____ Date: _____

Date: _____
Eugene TU

Witnessed by _____ on _____
Printed Name: _____ Date: _____

Date: _____
James MCCANNA

Witnessed by _____ on _____
Printed Name: _____ Date: _____

Date: _____
Lucas KUMOSA

Witnessed by _____ on _____
Printed Name: _____ Date: _____

Date: 9/24/2014 [Signature]
Paul D. SWANSON

Witnessed by _____ on _____
Printed Name: _____ Date: _____

Date: 09/19/14 [Signature]
Robert TURNER

Witnessed by _____ on _____
Printed Name: _____ Date: _____

Date: 09/19/2014 Kai Yang
Kai YANG

Witnessed by _____ on _____
Printed Name: _____ Date: _____

Date: 09/19/2014 [Signature]
Irina DOBROVOLSKAYA

Witnessed by _____ on _____
Printed Name: _____ Date: _____

PATENT ASSIGNMENT

Docket Number 39563-706.501

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.

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Date: _____
Rajaram KRISHNAN

Witnessed by _____ on _____
Printed Name: _____ Date

Date: _____
David J. CHARLOT

Witnessed by _____ on _____
Printed Name: _____ Date

Date: 9-28-14 _____
Eugene TI

Witnessed by BmCmick on 9/28/14
Printed Name: _____ Date

Date: _____
James MCCANNA

Witnessed by _____ on _____
Printed Name: _____ Date

Date: _____
Lucas KUMOSA

Witnessed by _____ on _____
Printed Name: _____ Date

Date: _____
Paul D. SWANSON

Witnessed by _____ on _____
Printed Name: _____ Date

Date: _____
Robert TURNER

Witnessed by _____ on _____
Printed Name: _____ Date

Date: _____
Kai YANG

Witnessed by _____ on _____
Printed Name: _____ Date

Date: _____
L.L. DOBROVOLSKAYA

Witnessed by _____ on _____
Printed Name: _____ Date

PATENT ASSIGNMENT

Docket Number 39563-706.501

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Rajaram KRISHNAN

Witnessed by _____ on _____
Printed Name: _____ Date

Date: _____
David J. CHARLOT

Witnessed by _____ on _____
Printed Name: _____ Date

Date: _____
Eugene TU

Witnessed by _____ on _____
Printed Name: _____ Date

Date: 9/25/14 _____
James MCCANNA

Witnessed by _____ on _____
Printed Name: _____ Date

Date: _____
Lucas KUMOSA

Witnessed by _____ on _____
Printed Name: _____ Date

Date: _____
Paul D. SWANSON

Witnessed by _____ on _____
Printed Name: _____ Date

Date: _____
Robert TURNER

Witnessed by _____ on _____
Printed Name: _____ Date

Date: _____
Kai YANG

Witnessed by _____ on _____
Printed Name: _____ Date

Date: _____
Irina DOBROVOLSKAYA

Witnessed by _____ on _____
Printed Name: _____ Date

PATENT ASSIGNMENT

Docket Number 39563-706.501

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Printed Name: _____ Date

Date: _____
David J. CHARLOT

Witnessed by _____ on _____
Printed Name: _____ Date

Date: _____
Eugene TU

Witnessed by _____ on _____
Printed Name: _____ Date

Date: _____
James MCCANNA

Witnessed by _____ on _____
Printed Name: _____ Date

Date: 9/24/2014

Lucas KUMOSA

Witnessed by _____ on _____
Printed Name: _____ Date

Date: _____
Paul D. SWANSON

Witnessed by _____ on _____
Printed Name: _____ Date

Date: _____
Robert TURNER

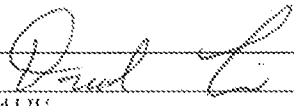
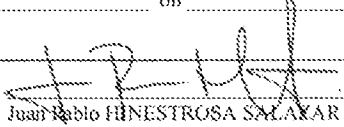
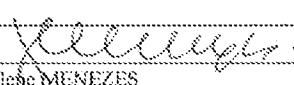
Witnessed by _____ on _____
Printed Name: _____ Date

Date: _____
Kai YANG

Witnessed by _____ on _____
Printed Name: _____ Date

Date: _____
Irina DOBROVOLSKAYA

Witnessed by _____ on _____
Printed Name: _____ Date

Date: 09.19.14	
Witnessed by _____ on _____	Printed Name: David LIU Date _____
Date: 09.19.14	
Witnessed by _____ on _____	Printed Name: Juan Pablo HINESTROSA SALAZAR Date _____
Date: 09.19.14	
Witnessed by _____ on _____	Printed Name: Juscilene MENEZES Date _____