

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5534479

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	DAVID LENZI	12/15/2017
	JAY TRAUTMAN	01/11/2018
	GORDON WANG	01/11/2018
RECEIVING PARTY DATA		
Name:	ARATOME, LLC	
Street Address:	1600 ADAMS AVENUE	
City:	MENLO PARK	
State/Country:	CALIFORNIA	
Postal Code:	94025	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	16254926	
CORRESPONDENCE DATA		
Fax Number:	(650)493-6811	
<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:	(650) 493-9300	
Email:	jholland@wsgr.com	
Correspondent Name:	WILSON SONSINI GOODRICH & ROSATI	
Address Line 1:	650 PAGE MILL ROAD	
Address Line 4:	PALO ALTO, CALIFORNIA 94304-1050	
ATTORNEY DOCKET NUMBER:	47206-702.301	
NAME OF SUBMITTER:	SHAN LIU	
SIGNATURE:	/SHAN LIU/	
DATE SIGNED:	05/22/2019	
Total Attachments: 2		
source=47206-702.601 Lenzi PCT Assignment_palib1_9680822(1)#page1.tif		
source=47206-702.601 PCT Assignment_palib1_9680733(1)#page1.tif		

PATENT ASSIGNMENT

Docket Number: 47206-707601

WHEREAS, the undersigned:

1. David LENZI
932 Ashraf Avenue
Menlo Park, CA 94025
US

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

Molecular Detection Using Ligation Amplification

☒ for which a PCT application will be filed on or before December 18, 2017 in the U.S. Receiving Office of the Patent Cooperation Treaty which will claim priority to 62/435,424, filed December 16, 2016, 62/480,187, filed March 31, 2017 and 62/509,995 filed May 23, 2017.

(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, Aratome, LLC, a Corporation of the State of Delaware, having a place of business at 1689 Adams Avenue, Menlo Park, CA 94025 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 resulting 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 permits, 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 thereof 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.

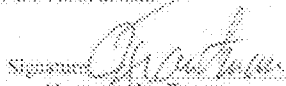
3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns.

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: 12/15/17
David LenziRECEIVED AND AGREED TO BY ASSIGNEE:
Aratome, LLCDate: 12/15/17
Name: Jay Trusman
Title: President and CEO

PATENT ASSIGNMENT

Docket Number: 47266-702601

WHEREAS, the undersigned:

1. Jay TRACTMAN
1614 Clay Drive
Los Altos, CA 94024
US

2. Gordon WANG
1579 Montreal Lane
San Jose, CA 95120
US

Hereinafter "Inventor(s)"; have invented certain new and useful improvements in:

Molecular Detection Using Ligation Amplification

☒ for which PCT application No. PCT/US2017/008841 was filed on December 15, 2017 in the U.S. Receiving Office of the Patent Cooperation Treaty which claims priority to 62/435,424 filed December 15, 2016, 62/480,197 filed March 31, 2017 and 62/509,395 filed May 23, 2017

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, Aratomic, LLC, a Corporation of the State of Delaware, having a place of business at 1680 Adams Avenue, Menlo Park, CA 94025 U.S. 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 hereinafter 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, inventors' 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 resulting from any of the foregoing; (e) in and to each and every issue, 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 application 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 issues 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, to 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: 01/11/18

Jay Tractman
Jay Tractman

Date: 1/11/18

Gordon Wang
Gordon Wang

RECEIVED AND AGREED TO BY ASSIGNEE:
Aratomic, LLC

Date: 01/12/18

Jay Tractman
Name: Jay Tractman
Title: President and CEO