504606509 10/23/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALDRICH N.K. LAU	10/12/2017
PAUL M. KENNEY	10/12/2017
HENRIK PERSSON	10/12/2017

RECEIVING PARTY DATA

Name:	GENAPSYS, INC.
Street Address:	200 CARDINAL WAY
Internal Address:	THIRD FLOOR
City:	REDWOOD CITY
State/Country:	CALIFORNIA
Postal Code:	94063

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15707880

CORRESPONDENCE DATA

Fax Number: (650)493-6811

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: 650-493-9300

Email: natalie.morgan@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:	42808-737.301
NAME OF SUBMITTER:	NATALIE MORGAN
SIGNATURE:	/NATALIE MORGAN/
DATE SIGNED:	10/23/2017

Total Attachments: 3

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PATENT 504606509 REEL: 043925 FRAME: 0707

PA	TENT	'ASSI	GNMENT

Docket Number 42808-737.301

WHEREAS, the undersigned:

 Aldrich N.K. Lau Palo Alto, CA Paul M. Kenney Sunnyvale, CA Henrik Persson Sunnyvale, CA

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

BEADS FOR NUCLEIC ACID SEQUENCING

for which application serial number 15/707,880 was filed on September 18, 2017 in the United States Patent and Trademark 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, GENAPSYS, INC., a corporation of the State of Delaware, having a place of business at 200 Cardinal Way, Third Floor, Redwood City, CA 94063 (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 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: 10/12/2017

Aldrich N.K. Lau

10/12/2017

Paul M. Kenney

Date: 10/12/2012

Henrik Persson

PATENT ASSIGNMENT			Docket Number 42808-737.301	
WHEREAS, the undersigned:				
1. Aldrich N.K. Lau Palo Alto, CA	2. Paul M. Kenney Sunnyvale, CA	3. Henrik Persson Sunnyvale, CA		
hereinafter "Inventor(s)"), ha	ve invented certain new and useful impro	vements in		
	BEADS	FOR NUCLEIC ACID SEQUENCI	NG	
☑ for which appl (hereinafter, "Application(s)"	ication serial number <u>15/707,880</u> was file). The term "Application(s)" also include	ed on <u>September 18, 2017</u> in the Unite s all patent applications that share or cla	d States Patent and Trademark Office; im priority to or from the above application(s).	
hereinafter "Assignee"), is dembodiments of the invention 'Inventions"), and in and to a my international convention, Cooperation Treaty or otherw	sirous of acquiring the entire right, title a s, heretofore conceived, made or discover my and all patents, inventor's certificates a agreement, protocol, or treaty, including a rise (hereinafter "Patent(s)").	and interest in and to said Application(s) red, whether jointly or severally, by said and other forms of protection thereon grathose filed under the Paris Convention f	linal Way, Third Floor, Redwood City, CA 94063, and the inventions disclosed therein, and in and to all Inventor(s) (hereinafter collectively referred to as anted in the United States, foreign countries, or under or the Protection of Industrial Property, The Patent	
NOW, THEREFO	RE, in consideration of good and valuable	e consideration acknowledged by said I	eventor(s) to have been received in full from said	
1. Said In (b) in and to said Application substitution, continuation, or the foregoing; (e) in and to e application filed outside the t Patent(s), including all rights nature recoverable from an in	s, including the right to claim priority to a continuation-in-part of any of said Applic ach and every reissue, reexamination, ren Juited States and corresponding to any of to sue for and to receive and recover for a fringement of the Patent(s).	and from said Application(s); (c) in and cation(s); (d) in and to said Patent(s) and ewal or extension of any kind of any of the foregoing; and(g) in and to all clain Assignee's own use all past, present, an	e right, title and interest (a) in and to said Inventions; to each and every application that is a divisional, I each and every patent issuing or reissuing from any of the foregoing; (f) in and to each and every patent and as for past, present and future infringement of the dituture lost profits, royalties, and damages of whatever	
and interest herein conveyed Inventor(s) shall include propagers, and other assistance a conveyed; (b) for prosecuting covering said Inventions; (d) said Inventions; and (f) for le	in the United States, foreign countries, or apt production of pertinent facts and doct ill to the extent deemed necessary or desing any applications covering said Inventior for filing and prosecuting applications for	under any international convention, agi inments, giving of testimony, execution of rable by said Assignee (a) for perfecting is; (c) for filing and prosecuting substitu- ir reissuance of any said Patent(s); (e) for a and any applications therefor and any	aid Assignee to enjoy to the fullest extent the right, titl reement, protocol, or treaty. Such cooperation by said of petitions, oaths, specifications, declarations or other in said Assignee the right, title and interest herein the, divisional, continuing or additional applications or interference or other priority proceedings involving Patent(s) granted thereon, including without limitation occedings, infringement actions and court actions; be paid for by said Assignee.	
The te		Il inure to the benefit of said Assignee,	its successors, assigns and other legal representatives,	
			entered and will not enter into any assignment, contrac	

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

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

Said Inventor(s) hereby request that any Patent(s) issuing in the United States, foreign countries, or under any international convention,

bricking Supare: 10/12/2017

Date:

or understanding in conflict herewith.

representatives and assigns.

Henrik Persson

PATENT ASSIGNMENT	Docket Number 42808-737.301
RECEIVED AND AGREED TO BY ASSIGNEE: GENAPSYS, INC. Date: O Signature: Name: Kurt Knapp Title: Consulting Director II	

RECORDED: 10/23/2017