PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5207109

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BENJAMIN HINDSON	09/21/2018
CHRISTOPHER HINDSON	09/20/2018
MICHAEL SCHNALL-LEVIN	09/20/2018
KEVIN NESS	08/31/2018
MIRNA JAROSZ	08/31/2018
SERGE SAXONOV	09/29/2018

RECEIVING PARTY DATA

Name:	10X GENOMICS, INC.
Street Address:	7068 KOLL CENTER PARKWAY, SUITE 401
City:	PLEASANTON
State/Country:	CALIFORNIA
Postal Code:	94566

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16052486

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

jabriam@wsgr.com, patentdocket@wsgr.com Email: WILSON SONSINI GOODRICH & ROSATI **Correspondent Name:**

650 PAGE MILL ROAD Address Line 1:

Address Line 4: PALO ALTO, CALIFORNIA 94304

ATTORNEY DOCKET NUMBER:	43487-703.313
NAME OF SUBMITTER:	JOYCE ABRIAM
SIGNATURE:	/Joyce Abriam/
DATE SIGNED:	10/25/2018

Total Attachments: 6

PATENT REEL: 047316 FRAME: 0623

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PATENT REEL: 047316 FRAME: 0624

Docket Number 43487-703.313

WHEREAS, the undersigned:

- Benjamin HINDSON
 Pleasanton, CA
- 2. Christopher HINDSON Pleasanton, CA
- 3. Michael SCHNALL-LEVIN Palo Alto, CA
- 4. Kevin NESS Pleasanton, CA

- Mirna JAROSZ Mountain View, CA
- Serge SAXONOV Oakland, CA

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

METHODS AND SYSTEMS FOR SAMPLE PROCESSING POLYNUCLEOTIDES

for which application serial number 16/052,486 was filed on August 1, 2018 in the United States Patent and Trademark Office (hercinafter, "Application(s)"). The term "Application(s)" also includes all patent applications that share or claim priority to or from the above application(s).

WHEREAS, 10X Genomics, Inc., a corporation incorporated under the laws of the State of Delaware, having a place of business at 7068 Koll Center Parkway, Suite 401, Pleasanton, CA, (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 Assignce:

- 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 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 pentinent 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 Assignce.
- 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 Assignce, or its successors and assigns, for the sole use of said Assignce, 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: 9/21/19	Benjamin HINDSON	Date: 9/20/8	Christopher HINDSON
Date: (2)/12/18	Michael SCHNALL-LEVIN	Date:	Kevin NESS
Date:	Mima JAROSZ	Date: 12911	Serge SAXONOV

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Docket Number 43487-703.313

RECEIVED AND AGREED TO BY ASSIGNEE: 10X Genomics, Inc.

Name: Steve Bacsi

Title: Associate General Counsel

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	PA	TENT ASSIGNMENT		Docke	et Number 43487-703.313	•
WHEREAS, the un	dersigned:		— <u> </u>			
I. Benjamin HIND Pleasanton, CA	OSON 2.	Christopher HINDSON Pleasanton, CA	3. Michael SCIR Palo Alto, CA		4. Kevin NESS Pleasanton, CA	
5. Mirna JAROSZ Mountain View		Serge SAXONOV Oakland, CA				
(hereinafter "Invent	or(s)''), have invente	d certain new and useful impre	ovements in		·	
		ODS AND SYSTEMS FOR		G POLYNUCLI	EOTIDES	
"Application(s)"), T WHERE Center Parkway, S	The term "Application AS, <u>10X Genomics,</u> Suite 401, Pleasanto	umber 16/052,486 was filed on n(s)" also includes all patent al lnc., a corporation incorporaten, CA. (hereinafter "Assignee	oplications that share or c ed under the laws of the S "), is desirous of acquirin	laim priority to or tate of <u>Delaware</u> g the entire right.	r from the above application(, having a place of business a , title and interest in and to sa	s). it <u>7068 Koll</u> id
Application(s), and jointly or severally, other forms of proteincluding those filed "Patent(s)").	the inventions discle by said Inventor(s) (ection thereon grante d under the Paris Con	osed therein, and in and to all e hereinafter collectively referred in the United States, foreign envention for the Protection of I	mbodiments of the invent d to as "Inventions"), and countries, or under any in ndustrial Property, The Pa	ions, heretofore of in and to any and termational conventent Cooperation	conceived, made or discovere d all patents, inventor's certifi- ention, agreement, protocol, of a Treaty or otherwise (herein	d, whether icates and or treaty, after
NOW, To said Assignee:	HEREFORE, in cons	sideration of good and valuable	consideration acknowled	lged by said Inve	ntor(s) to have been received	in full from
or reissuing from ar and to each and eve present and future in	nd to said Application titution, continuation by of the foregoing; (by patent and application fringement of the Pa	hereby sell, assign, transfer and ns, including the right to claim and to continuation-in-part of any c) in and to each and every relation filed outside the United Satent(s). including all rights to hatever nature recoverable from	priority to and from said of said Application(s); (ssue, reexamination, rene tates and corresponding to sue for and to receive and	Application(s); (d) in and to said I wal or extension or any of the foreg	c) in and to each and every ap Patent(s) and each and every a of any kind of any of the forc oing: and (e) in and to all cla	oplication that patent issuing going: (1) in ims for past
cooperation by said specifications, declar Assignee the right, divisional, continuing (c) for interference therefor and any Papriority contests, puriority contests, p	ist herein conveyed inventor(s) shall incorrections or other paper and interest hereing or additional applor other priority proceedings, granted therecollic use proceedings	reby covenant and agree to coon the United States, foreign collude prompt production of perers, and other assistance all to tin conveyed: (b) for prosecutifications covering said Inventions endings involving said Invention, including without limitation, infringement actions and could for by said Assignee.	untries, or under any inter inent facts and document he extent deemed necessang any applications covering as; (d) for filing and pros- tons: and (f) for legal proc- tor reissues and reexamination	mational convent s, giving of testin ary or desirable by ing said Invention ccuting application cedings involving ions, opposition r	ion, agreement, protocol, or to nony, execution of petitions, of y said Assignce (a) for perfect is; (c) for filing and prosecutions for reissuance of any said g said Inventions and any approceedings, cancellation pro-	reaty. Such oaths. ting in said ng substitute. Patent(s): blications
3. representatives, and	The terms and cove shall be binding upo	enants of this assignment shall on said Inventor(s), their respec	inure to the benefit of said tive heirs, legal represent	d Assignee, its su atives and assign	ccessors, assigns and other le	gal .
4. contract, or understa	Said Inventor(s) he anding in conflict her	reby warrant, represent and co rewith.	venant that said Inventor(s) have not entere	ed and will not enter into any	ussignment.
5. agreement, protocol representatives and	, or treaty, be issued	reby request that any Patent(s) in the name of the Assignee, o	issuing in the United Stat r its successors and assign	tes, foreign count ns, for the sole us	ries, or under any internation e of said Assignee, its succes	al convention. sors, legal
greatest extent permone and the same ag	ny provision of this in titted by law. This in preement.	Il be interpreted and construed instrument is found to be illegal instrument may be executed in o	or unenforceable, the off counterparts, each of whice	ner provisions sha th is deemed an o	all remain effective and enfor riginal, but all of which toget	ceable to the her constitute
IN WITN	ESS WHEREOF, SE	iid Inventor(s) have executed a	nd delivered this instrume	ent to said Assign	ice as of the dates written belo	ow:

Date:	Benjamin HINDSON	Date:	Christopher HINDSON
Date:	Michael SCHNALL-LEVIN	Date:	Kevin NESS
Date: 8/31/18	Mima JAROSZ	Date:	Serge SAXONOV

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Docket Number 43487-703.313

RECEIVED AND AGREED TO BY ASSIGNEE: 10X Genomics, Inc.

Signature: Steve Bacsi
Title: Associate General Counsel

P.	ATENT ASSIGNMENT		Docket Number 43487-703.313		
WHEREAS, the undersigned:					
	. Christopher HINDSON Pleasanton, CA	3 Michael SCHNALL-I F	EVIN 4 Kevin NESS Boulder, C()		
5. Mirna JAROSZ 5 Mountain View, CA	Serge SAXONOV Oakland, CA		Boulder, CO		
(hereinafter "Inventor(s)"), have inventor	ed certain new and useful improveme	ents in			
METI	IODS AND SYSTEMS FOR SAM	PLE PROCESSING POLY	NUCLEOTIDES		
(1 h the term religious	sural man merades an butem applica	ations that share or claim prior	tes Patent and Trademark Office (hereinafter, rity to or from the above application(s).		
Center Parkway, Suite 401, Pleasanto Application(s), and the inventions discle jointly or severally, by said inventor(s) other forms of protection thereon grante including those filed under the Paris Compatent(s)")	. Inc., a corporation incorporated und in, CA. (thereinafter "Assignce"), is osed therein, and in and to all embodi (hereinafter collectively referred to a ed in the United States, foreign countries invention for the Protection of Industrial	der the laws of the State of <u>De</u> desirous of acquiring the enti- liments of the inventions, here as "Inventions"), and in and to tries, or under any internationa rial Property. The Patent Coop	claware, having a place of business at 7068 Koll fire right, title and interest in and to said etofore conceived, made or discovered, whether o any and all patents, inventor's certificates and al convention, agreement, protocol, or treaty, operation Treaty or otherwise (hereinafter		
NOW, THEREFORE, in constaid Assignee:	sideration of good and valuable cons	ideration acknowledged by sa	aid Inventor(s) to have been received in full from		
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 Umted 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 fitting 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 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.					
 The terms and cover representatives, and shall be binding upon 	mants of this assignment shall inure (in said Inventor(s), their respective h	to the benefit of said Assigne- terrs, legal representatives and	e, its successors, assigns and other legal d assigns.		
4. Said Inventor(s) her contract, or understanding in conflict her	reby Warrant, represent and covenant rewith.	t that said Inventor(s) have no	ot entered and will not enter into any assignment.		
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 WHERFOF, sa	id Inventor(s) have executed and del	ivered this instrument to said	Assignce as of the dates written below:		
Date:					
Benjamin HI	NDSON	Date:	Christopher HINDSON		
Date: Michael SCH	NALL-LEVIN	Date 8-3/-/8	Horm Tis		
Date: Mirna JAROS	SZ	Date:	Surge SAXONOV		

PATENT REEL: 047316 FRAME: 0629

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Docket Number 43487-703 313

RECEIVED AND AGREED TO BY ASSIGNEE: 10X Genomies, Inc.

Date: 7-6-18

Signature: Lete Fixe.

Name: Steve Bacsi

Title: Associate General Counsel

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RECORDED: 10/25/2018

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