505456361 05/01/2019 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5503164

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		08/06/2018
KEVIN NESS		08/31/2018
MIRNA JAROSZ		08/31/2018
SERGE SAXONOV		09/24/2018
PAUL HARDENBOL		01/18/2017
RAJIV BHARADWAJ		08/06/2018
XINYING ZHENG		09/21/2018
PHILLIP BELGRADER		10/01/2018

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16231185

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:	6504939300			
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			

ATTORNEY DOCKET NUMBER:	43487-703.321
NAME OF SUBMITTER:	NATALIE MORGAN
SIGNATURE:	/NATALIE MORGAN/
DATE SIGNED:	05/01/2019
Total Attachments: 10	
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WHEREAS, the undersigned:	PATENT ASSIGNMENT		Docket Number 43487-703.315
-			
 Benjamin HINDSON Pleasanton, CA 	2. Christopher HINDSON Pleasanton, CA	 Michael SCHNA Palo Alto, CA 	LL-LEVIN 4. Kevin NESS Pleasanton, CA
5. Mirna JAROSZ Mountain View, CA	 Serge SAXONOV Oakland, CA 	7. Paul HARDENB San Francisco, C	
 Xinying ZHENG Mountain View, CA 	10. Phillip BELGRADER Livermore, CA		·
(hereinafter "Inventor(s)"), have i	invented certain new and useful impro	vements in	
	METHODS AND SYSTEMS F		NUCLEOTIDES
WHEREAS, <u>10X Gent</u> Center Parkway, Suite 401 Plos	omics, Inc., a corporation incorporated	under the laws of the State	d States Patent and Trademark Office (hereinafter, a priority to or from the above application(s). of <u>Delaware</u> , having a place of business at <u>7068 Koll</u> ring the entire right, title and interest in and to said
Application(s), and the inventions jointly or severally, by said Invent other forms of protection thereon	disclosed therein, and in and to all em tor(s) (hereinafter collectively referred granted in the United States for the	bodiments of the inventions to as "Inventions"), and in	ring the entire right, title and interest in and to said s, heretofore conceived, made or discovered, whether and to any and all patents, inventor's certificates and ational convention, agreement, protocol, or treaty, t Cooperation Treaty or otherwise (hereinafter
NOW, THEREFORE, i said Assignee:	n consideration of good and valuable of	consideration acknowledged	by said Inventor(s) to have been received in full from
is a divisional, substitution, contin or reissuing from any of the forego and to each and every patent and a present and future infringement of lost profits, royalties, and damages	uation, or continuation-in-part of any oping; (c) in and to each and every reiss pplication filed outside the United Statthe Patent(s), including all rights to su of whatever nature recoverable from a	to inform the and information (s); (d) in uce, reexamination, renewal tes and corresponding to any te for and to receive and rec an infringement of the Pater	
cooperation by said Inventor(s) sha pecifications, declarations or othe Assignee the right, title and interes livisional, continuing or additional	Il include prompt production of pertin papers, and other assistance all to the	ent facts and documents, gi	chable said Assignee to enjoy to the fullest extent the onal convention, agreement, protocol, or treaty. Such ving of testimony, execution of petitions, oaths, r desirable by said Assignee (a) for perfecting in said
e) for interference or other priority herefor and any Patent(s) granted to riority contests, public use proceed a providing such cooperation shall	proceedings involving said Invention hereon, including without limitation re lings, infringement actions and court a be paid for by said Assignee.	(d) for filing and prosecuti s; and (f) for legal proceedin cissues and reexaminations, actions; provided, however,	na inventions; (c) for filing and prosecuting substitute, ng applications for reissuance of any said Patent(s); ngs involving said Inventions and any applications opposition proceedings, cancellation proceedings, that reasonable expenses incurred by said Inventor(s)
 e) for interference or other priority herefor and any Patent(s) granted to riority contests, public use proceed a providing such cooperation shall 3. The terms and epresentatives, and shall be binding 	proceedings involving said Invention hereon, including without limitation re- dings, infringement actions and court a be paid for by said Assignee. covenants of this assignment shall inu g upon said Inventor(s), their respectiv	(d) for filing and prosecuti s; (a) for filing and proceedin s; and (f) for legal proceedin sissues and reexaminations, actions; provided, however, are to the benefit of said Ass re heirs, legal representative	nu inventions; (c) for filing and prosecuting substitute, ng applications for reissuance of any said Patent(s); ngs involving said Inventions and any applications opposition proceedings, cancellation proceedings, that reasonable expenses incurred by said Inventor(s) ignce, its successors, assigns and other legal s and assigns.
 e) for interference or other priority herefor and any Patent(s) granted to riority contests, public use proceed a providing such cooperation shall 3. The terms and epresentatives, and shall be binding 	proceedings involving said Invention hereon, including without limitation re- dings, infringement actions and court a be paid for by said Assignee. covenants of this assignment shall inu g upon said Inventor(s), their respectiv	(d) for filing and prosecuti s; (a) for filing and proceedin s; and (f) for legal proceedin sissues and reexaminations, actions; provided, however, are to the benefit of said Ass re heirs, legal representative	nu inventions; (c) for filing and prosecuting substitute, ng applications for reissuance of any said Patent(s); ngs involving said Inventions and any applications opposition proceedings, cancellation proceedings, that reasonable expenses incurred by said Inventor(s)
e) for interference or other priority herefor and any Patent(s) granted to priority contests, public use proceed a providing such cooperation shall 3. The terms and epresentatives, and shall be binding 4. Said Inventor(ontract, or understanding in conflic 5. Said Inventor() greement, protocol, or treaty, be is presentatives and assigns.	proceedings involving said Invention hereon, including without limitation re dings, infringement actions and court a be paid for by said Assignee. covenants of this assignment shall inu g upon said Inventor(s), their respectiv s) hereby warrant, represent and cover et herewith. s) hereby request that any Patent(s) iss sued in the name of the Assignee, or it	(d) for filing and prosecuti s; (a) for filing and proceedin s; and (f) for legal proceedin sissues and reexaminations, actions; provided, however, are to the benefit of said Ass re heirs, legal representative nant that said Inventor(s) has uing in the United States, fo s successors and assigns, fo	The inventions; (c) for filing and prosecuting substitute, ng applications for reissuance of any said Patent(s); ogs involving said Inventions and any applications opposition proceedings, cancellation proceedings, that reasonable expenses incurred by said Inventor(s) ignee, its successors, assigns and other legal s and assigns. we not entered and will not enter into any assignment, reign countries, or under any international convention, the sole use of said Assignee, its successors, legal
e) for interference or other priority herefor and any Patent(s) granted to priority contests, public use proceed a providing such cooperation shall 3. The terms and epresentatives, and shall be binding 4. Said Inventor(ontract, or understanding in conflic 5. Said Inventor(greement, protocol, or treaty, be is presentatives and assigns. 6. This instrument w principles. If any provision of t	proceedings involving said Invention hereon, including without limitation re dings, infringement actions and court a be paid for by said Assignee. covenants of this assignment shall inu g upon said Inventor(s), their respectiv s) hereby warrant, represent and cover et herewith. s) hereby request that any Patent(s) iss sued in the name of the Assignee, or it is interpreted and construed in a bit interpret in form the hereit	(d) for filing and prosecuti s; and (f) for legal proceedin cissues and reexaminations, actions; provided, however, the to the benefit of said Assive heirs, legal representative and that said Inventor(s) have using in the United States, for s successors and assigns, for accordance with the laws of	In unventions; (c) for filing and prosecuting substitute, ng applications for reissuance of any said Patent(s); opposition proceedings, cancellation proceedings, that reasonable expenses incurred by said Inventor(s) ignee, its successors, assigns and other legal s and assigns.

Page 1 of 2

	PATENT ASSIGNMENT		Docket Number 43487-703.315
Date: 9/21/18	Enjamin HINDSON	Date: 20/18	Christopher HINDSON
Date: 070/06/19	Michael SCHNALL-LEVIN	Date:	Kevin NESS
Date:	Mirna JAROSZ	Date: 9/24/18	Spege SAXONOV
Date:	Paul HARDENBOL	Date: 08/06 18	Rajiv HARADWAI
Date: <u>72118</u>	Xinying ZHENG	Date:	Phillip BELGRADER
RECEIVED AND AGRE	ED TO BY ASSIGNEE: 10X Genomics, Inc.		
Date: 9-25-18	Signature: Steven Bacsi Name: Steven Bacsi Title: Associate General Counsel	uni-	

	PATENT ASSIGNMENT		Docket Number 43487-703.315
WHEREAS, the undersigned:			
1. Benjamin HINDSON Pleasanton, CA	2. Christopher HINDSON Pleasanton, CA	3. Michael SCHNALL-I. Palo Alto, CA	EVIN 4. Kevin NESS Pleasanton, CA
5. Mirna JAROSZ Mountain View, CA	6. Serge SAXONOV Oakland, CA	7. Paul HARDENBOL San Francisco, CA	8. Rajiv BHARADWAJ Pleasanton, CA
9. Xinying ZHENG Mountain View, CA	10. Phillip BELGRADER Livermore, CA		
(hereinafter "Inventor(s)"), have	invented certain new and useful improve	ments in	
	METHODS AND SYSTEMS FO		CLEOTIDES
		canons mar share or claim pric	tes Patent and Trademark Office (hereinafter. rity to or from the above application(s).
Application(s), and the invention jointly or severally, by said Inver other forms of protection thereon including those filed under the P: "Patent(s)").	s disclosed therein, and in and to all embo ator(s) (hereinafter collectively referred to granted in the United States, foreign cou tris Convention for the Protection of Indu	as "Inventions"), and in and the as "Inventions"), and in and te ntries, or under any internation istrial Property. The Patent Coc	elaware, having a place of business at <u>7068 Koll</u> he entire 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, said Assignce:	in consideration of good and valuable co	nsideration acknowledged by sa	aid Inventor(s) to have been received in full from
is a divisional, substitution, contin or reissuing from any of the foreg and to each and every patent and present and future infringement or lost profits, royalties, and damage 2. Said Inventor right, title and interest herein conv cooperation by said Inventor(s) sh specifications, declarations or other	nuation, or continuation-in-part of any of oing: (e) in and to each and every reissue application filed outside the United States f the Patent(s), including all rights to sue s of whatever nature recoverable from an r(s) hereby covenant and agree to coopera- feyed in the United States, foreign countr all include prompt production of pertiner 2 mapers, and other agricultations and other	said Application(s): (d) in and , reexamination, renewal or exist and corresponding to any of the for and to receive and recover the infringement of the Patent(s). ale with said Assignee to enablies, or under any international of facts and documents, giving of	e said Assignee to enjoy to the fullest extent the convention, agreement, protocol, or trenty. Such of testimony, execution of petitions, oaths,
Assignce the right, title and intere- divisional, continuing or additional (c) for interference or other priorit therefor and any Patent(s) granted	st herein conveyed; (b) for prosecuting ar al applications covering said Inventions; (y proceedings involving said Inventions; thereon, including without limitation reis clings, infringement actions and court ac	and (f) for legal proceedings in	rable by said Assignce (a) for perfecting in said iventions: (c) for filing and prosecuting substitute. oplications for reissuance of any said Patent(s): ivolving said Inventions and any applications sition proceedings, cancellation proceedings, reasonable expenses incurred by said Inventor(s)
	d covenants of this assignment shall inure ng upon said Inventor(s), their respective	itens, legal representatives and	assigns.
4. Said Inventor contract, or understanding in confl	(s) hereby warrant, represent and covenance ict herewith.	nt that said Inventor(s) have no	t entered and will not enter into any assignment.
5. Said Inventor agreement, protocol, or treaty, be is representatives and assigns.	(s) hereby request that any Patent(s) issui ssued in the name of the Assignce, or its	ng in the United States, foreign successors and assigns, for the	n countries, or under any international convention, sole use of said Assignce, its successors, legal
6. This instrume law principles. If any provision of greatest extent permitted by law. 'I one and the same agreement.	nt will be interpreted and construed in ac this instrument is found to be illegal or u 'his instrument may be executed in count	cordance with the laws of the S nenforceable, the other provisio erparts, each of which is deeme	tate of California, without regard to conflict of ons shall remain effective and enforceable to the ed an original, but all of which together constitute
IN WITNESS WHERE	DF, said Inventor(s) have executed and de	livered this instrument to said	Assignce as of the dates written below:
		·	
10120136_1.doc	Page	: 1 of 2	

PATENT ASSIGNMENT		Docket Number 43487-703.315	
Date:	Benjamin HINDSON	Date:	Christopher HINDSON
Date:	Michael SCHNALL-LEVIN	Date:	
Date: <u>8/31/18</u>	Mirna JABOSZ	Date:	Serge SAXONOV
Date:	Paul HARDENBOL	Date:	Rajiv BHARADWAJ
Date:	Xinying ZHENG	Date:	Phillip BELGRADER
RECEIVED AND AC	GREED TO BY ASSIGNEE: 10X Genom	nics, Inc.	
Date: <u>9-6-6</u>	Signature: Steven Bacsi Name: Steven Bacsi Title: Associate General	- Carde	

	PATENT ASSIGNMENT		Doubor Munitive in the sure of the
WHEREAS, the undersigned:			Docket Number 43487-703.315
 Benjamin HINDSON Pleasanton, CA 	2. Christopher HINDSON Pleasanton, CA	3. Michael SCHNA Palo Alto, CA	LL-LEVIN 4. Kevin NESS Boulder, CO
 Mirna JAROSZ Mountain View, CA 	6. Serge SAXONOV Oakland, CA	 Paul HARDENBO San Francisco, C; 	DL 8. Rajiv BHARADWAJ A Pleasanton, CA
 Xinying ZHENG Mountain View, CA 	10. Phillip BELGRADER Livermore, CA		
(hereinafter "Inventor(s)"), have in	vented certain new and useful improv	rements in	
	METHODS AND SYSTEMS FO		NUCLEOTIDES
WHEREAS, 10X Genor Center Parkway, Suite 401, Plane	nics. Inc., a corporation incorporated	under the laws of the State	States Patent and Trademark Office (hereinafter, priority to or from the above application(s). of <u>Delaware</u> , having a place of business at <u>7068 Koll</u> ing the entire right, title and interest in and to said
jointly or severally, by said Inventions of other forms of protection therein a	lisclosed therein, and in and to all em r(s) (hereinafter collectively referred	hodiments of the inventions to as "Inventions"), and in t	ing the entire right, title and interest in and to said , heretofore conceived, made or discovered, whether and to any and all patents, inventor's certificates and ational convention, agreement, protocol, or treaty, . Cooperation Treaty or otherwise (hereinafter
			by said Inventor(s) to have been received in full from
1 Cold to contract			
is a divisional, substitution, continu- or reissuing from any of the foregoin and to each and every patent and ap- present and future infringement of th ost profits, royalties, and damages of	ation, or continuation-in-part of any o ng. (c) in and to each and every reissu- plication filed outside the United Statu- te Patent(s), including all rights to suc- of whatever nature recoverable from a	f said Application(s); (d) in recreasing the second second second second es and corresponding to any e for and to receive and receive in infringement of the Paten	the entire right, title and interest (a) in and to said lication(s); (c) in and to each and every application that and to said Patent(s) and each and every patent issuing or extension of any kind of any of the foregoing; (f) in of the foregoing; and (g) in and to all claims for past, over for Assignee's own use all past, present, and future t(s).
s a divisional, substitution, continue or reissuing from any of the foregoin and to each and every patent and ap- present and future infringement of th ost profits, royalties, and damages of 2. Suid Inventor(s) sight, title and interest herein convey ooperation by said Inventor(s) shall pecifications, declarations or other issignee the right, title and interest l ivisional, continuing or additional a e) for interference or other priority p ererfor and any Patent(s) granted th riority contests, public use proceed	ation, or continuation-in-part of any o ng. (c) in and to each and every reissu- plication filed outside the United Stat- he Patent(s), including all rights to suc- of whatever nature recoverable from a c) hereby covenant and agree to coope- red in the United States, foreign count include prompt production of pertine papers, and other assistance all to the herein conveyed: (b) for prosecuting a pplications covering said Inventions; proceedings involving said Inventions ereon, including without limitation re ness inframement externe actions and and the same set of the set of the same set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set	f said Application(s): (d) in the reexamination, renewal of es and corresponding to any e for and to receive and reco m infringement of the Paten trate with said Assignee to e trics, or under any internatic ent facts and documents, giv extent deemed necessary or my applications covering sa (d) for filing and prosecutin et and (f) for legal proceeding	nearbon(s): (c) in and to each and every application that and to said Patent(s) and each and every patent issuing of extension of any kind of any of the foregoing: (f) in of the foregoing; and (g) in and to all colume for ever
s a divisional, substitution, continua- or reissuing from any of the foregoin and to each and every patent and ap- present and future infringement of the ost profits, royalties, and damages of 2. Suid Inventor(s) sight, title and interest herein convey ooperation by said Inventor(s) shall pecifications, declarations or other ussignee the right, title and interest herein (visional, continuing or additional a e) for interference or other priority patent(s) granted the riority contests, public use proceeding in providing such cooperation shall be 3. The terms and oppresentatives, and shall be binding	ation, or continuation-in-part of any o ng. (c) in and to each and every reissu- plication filed outside the United Stat- ne Patent(s), including all rights to suc of whatever nature recoverable from a c) hereby covenant and agree to coope- red in the United States, foreign coun- include prompt production of pertine papers, and other assistance all to the herein conveyed: (b) for prosecuting r upplications covering said Inventions; proceedings involving said Inventions erecon, including without limitation re ngs, infringement actions and court a the paid for by said Assignee.	f said Application(s): (d) in the reexamination, renewal of est and corresponding to any e for and to receive and receive and corresponding to any e for and to receive and receive and corresponding to any e for and to receive and receive minifringement of the Paten rate with said Assignee to e trics, or under any internation ent facts and documents, give extent deemed necessary or my applications covering sa (d) for filing and prosecutin issues and recomminations, or etions: provided, however, to re to the benefit of said Assi e heirs, legal representatives	number of the second se
is a divisional, substitution, continuator reissuing from any of the foregoin and to each and every patent and appresent and future infringement of it ost profits, royalties, and damages of 2. Suid Inventor(s) sight, title and interest herein convey properation by said Inventor(s) shall pecifications, declarations or other priority contertificational, continuing or additional a c) for interference or other priority contests, public use proceeding therefor and any Patent(s) granted the riority contests, public use proceeding the providing such cooperation shall be binding as the terms and correspondent and shall be binding	ation, or continuation-in-part of any o ng. (c) in and to each and every reissu- plication filed outside the United Stat- ne Patent(s), including all rights to suc of whatever nature recoverable from a c) hereby covenant and agree to coope- red in the United States, foreign coun- include prompt production of pertine papers, and other assistance all to the herein conveyed: (b) for prosecuting r upplications covering said Inventions; proceedings involving said Inventions erecon, including without limitation re ngs, infringement actions and court a the paid for by said Assignee.	f said Application(s): (d) in the reexamination, renewal of est and corresponding to any e for and to receive and receive and corresponding to any e for and to receive and receive and corresponding to any e for and to receive and receive minifringement of the Paten rate with said Assignee to e trics, or under any internation ent facts and documents, give extent deemed necessary or my applications covering sa (d) for filing and prosecutin issues and recomminations, or etions: provided, however, to re to the benefit of said Assi e heirs, legal representatives	number (s): (c) in and to each and every application that and to said Patent(s) and each and every patent issuing or extension of any kind of any of the foregoing: (f) in of the foregoing: and (g) in and to all claims for past. over for Assignee's own use all past, present, and future (s). nuble said Assignee to enjoy to the fullest extent the onal convention, agreement, protocol, or treaty. Such ing of testimony, execution of perifecting in said desirable by said Assignee (a) for perfecting in said id Inventions; (c) for filing and prosecuting substitute, applications for reissuance of any said Patent(s); gs involving said Inventions, and any applications opposition proceedings, cancellation proceedings, hut reasonable expenses incurred by said Inventor(s)
s a divisional, substitution, continua or reissuing from any of the foregoin and to each and every patent and apport oresent and future infringement of the ost profits, royalties, and damages of 2. Said Inventor(s) sight, title and interest herein convey opoperation by said Inventor(s) shall pecifications, declarations or other pecifications, declarations or other subsignee the right, title and interest livisional, continuing or additional a e) for interference or other priority of herefor and any Patent(s) granted the riority contests, public use proceed it providing such cooperation shall be 3. The terms and of epresentatives, and shall be binding 4. Said Inventor(s) ontract, or understanding in conflict	ation, or continuation-in-part of any o ng. (c) in and to each and every reissu- plication filed outside the United Stat- ne Patent(s), including all rights to suc of whatever nature recoverable from a c) hereby covenant and agree to coope- red in the United States, foreign coun- include prompt production of pertine papers, and other assistance all to the herein conveyed: (b) for prosecuting a pplications covering said Inventions; proceedings involving said Inventions erecor, including without limitation re ngs, infringement actions and court a the paid for by said Assignee. Sovenants of this assignment shall inu- upon said Inventor(s), their respective herewith.	f said Application(s): (d) in the recommination, renewal (es and corresponding to any e for and to receive and rece in infringement of the Paten trate with said Assignee to e trics, or under any internation and facts and documents, giv extent deemed necessary or any applications covering sa (d) for filing and prosecution issues and reexaminations, e etions: provided, however, to re to the henefit of said Assi e heirs, legal representatives and that said inventor(s) have	number of the second se
 Is a divisional, substitution, continuation reissuing from any of the foregoin and to each and every patent and appresent and future infringement of the lost profits, royalties, and damages of 2. Suid Inventor(s) right, title and interest herein convey cooperation by said Inventor(s) shall specifications, declarations or other prosent and any Patent(s) granted the oriority contests, public use proceeding in providing such cooperation shall be interest and shall be binding 4. Said Inventor(s) contract, or understanding in conflict 5. Said Inventor(s) greement, protocol, or treaty, be issuer sentatives and assigns. 6. This instrument tw principles. If any provision of the reatest extent permitted by law. This ne and the same agreement. 	ation, or continuation-in-part of any on ng. (c) in and to each and every reissup- plication filed outside the United Statu- ne Patent(s), including all rights to suc- of whatever nature recoverable from a c) hereby covenant and agree to cooper- red in the United States, foreign count- include prompt production of pertine- papers, and other assistance all to the herein conveyed: (b) for prosecuting re- proceedings involving said Inventions; proceedings involving said Inventions are paid for by said Assignee. Provenants of this assignment shall inu- upon said Inventor(s), their respective (hereby varrant, represent and covern- herewith. Thereby request that any Patent(s) issued in the name of the Assignee, or its will be interpreted and construed in a is instrument is found to be illegal or s instrument may be executed in cour- st instrument may be executed in cour- s instrument may be executed in cour- s instrument may be executed in cour-	f said Application(s): (d) in e. reexamination, renewal c es and corresponding to any e for and to receive and rece- minfringement of the Paten rate with said Assignee to e trics, or under any internation ent facts and documents, giv extent deemed necessary or my applications covering sa (d) for filing and prosecuting cand (f) for legal proceeding issues and reexaminations, of etions: provided, however, to re to the benefit of said Ass e heirs, legal representatives and that said inventor(s) hav using in the United States, for coordance with the laws of unenforecable, the other pro- therparts, each of which is du	heation(s): (c) in and to each and every application that and to said Patent(s) and each and every patent issuing or extension of any kind of any of the foregoing: (f) in of the foregoing: and (g) in and to all claims for past. over for Assignee's own use all past, present, and future (s). nuble said Assignee to enjoy to the fullest extent the mal convention, agreement, protocol, or treaty. Such ing of testimony, execution of perifecting in said desirable by said Assignee (a) for perfecting in said id Inventions: (c) for filing and prosecuting substitute, applications for reissuance of any said Patent(s): gs involving said Inventions, and any applications opposition proceedings, cancellation proceedings, hut reasonable expenses incurred by said Inventor(s) lignee, its successors, assigns and other legal and assigns.

Page 1 of 2

	PATENT ASSIGNMENT		Docket Number 43487-703.315
Date:	Benjamin HINDSON	Date:	
Date:	Michael SCHNALL-LEVIN	Date: <u>8-31-18</u>	Christopher HINDSON <u>Xevin</u> <u>Yen</u> Kevin NESS
Date:	Mirna JAROSZ	Date:	Serge SAXONOV
Date:	Paul HARDENBOL	Date:	Rajiv BHARADWAJ
Date:	Xinying ZIIIENG	Date:	Phillip BELGRADER
RECEIVED AND Date: <u>9-6</u> -	AGREED TO BY ASSIGNEE: 10X Genomics -18 Signature: Associate General Co		

PATENT ASSIGNMENT Docket Number 43487-703.315 WHEREAS, the undersigned: 1. Benjamin HINDSON 2. Christopher HINDSON 3. Michael SCHNALL-LEVIN 4. Kevin NESS Pleasanton, CA Pleasanton, CA Palo Alto, CA Boulder, CO 5. Mirna JAROSZ 6. Serge SAXONOV 7. Paul HARDENBOL 8. Rajiv BHARADWAJ Mountain View, CA Oakland, CA San Francisco, CA Pleasanton, CA 9. Xinying ZHENG 10. Phillip BELGRADER Mountain View, CA Livermore, CA

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

METHODS AND SYSTEMS FOR PROCESSING POLYNUCLEOTIDES

for which application serial number <u>16/052,431</u> was filed on <u>August 1, 2018</u> 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, <u>10X Genomics, Inc.</u>, a corporation incorporated under the laws of the State of <u>Delaware</u>, having a place of business at <u>7068 Koll</u> <u>Center Parkway; Suite 401, Pleasanton, CA 94566</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 Assignce 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 Assignce'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); (c) 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.

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:

	PATENT ASSIGNMENT	r	Docket Number 43487-703.315
Date:	Benjamin HINDSON	Date:	Christopher HINDSON
Date:	Michael SCHNALL-LEVIN	Date:	Kevin NESS
Date:	Mirna JAROSZ	Date:	Serge SAXONOV
Date:	Paul HARDENBOL	Date:	Rajiv BHARADWAI
Date:	Xinying ZHENG	Date: <u>10/11/18</u>	Phillip BELGRADER
RECEIVED AND	O AGREED TO BY ASSIGNEE: 10X Genomi	cs, Inc.	
Date: 10 -19	7.18 Signature: Name: Steven Bacsi Title: Associate General (Counsel	

	PATENT ASSIGNMENT	•	Docket Number 43487-703.501	
WHEREAS, the undersigned:				
1. Benjamin HINDSON Pleasanton, CA	2. Surge SAXONOV Oakland, CA	3. Kevin NESS Pleasanton, CA	4. Paul HARDENBOL San Francisco, CA	
5. Michael SCHNALL-LEVIN Palo Alto, CA	6. Mirna JAROSZ Palo Alto, CA			
(hereinafter "Inventor(s)"), have invented certain new and useful improvements in				
METHODS AND SYSTEMS FOR PROCESSING POLYNUCLEOTIDES				
S for which application serial number 15/376,582 was filed on December 12, 2016 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).				
<u>Pleasanton , CA 94566</u> , (hereing disclosed therein, and in and to al Inventor(s) (hereinafter collective thereon granted in the United Stal	l embodiments of the inventions, heretof ly referred to as "Inventions"), and in an	the entire right, title and intere- ore conterived, made or discove d to any and all patents, invento ational convention, agreement,	st in and to said Application(s), and the inventions red, whether jointly or serverally, by said or's cettificates and other forms of protection protocol, or treaty, including those filed under the	
NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor(s) to have been received in full from said Assignce:				
1. Sold Inventor(s) do hereby cell, accign, transfer and convey unto cold Accignee the entire right, tille and interest (a) in and to cold Inventions; (b) in and to said Applications, including the right to claim priority to and from said Application(s); (c) in and to cach 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 find 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 suid Assignee to enable said Assignee to enjoy to the fullest extent the right, tille 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 filling and prosecuting substitute, divisional, continuing or additional applications covering said Inventions; (d) for filling and prosecuting applications for reissuance of any said Patent(s); (c) for Interference or other priority proceedings involving said Inventions; and (f) for for proceedings involving said Inventions and any applications 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 sold Assignee, its successors, assigns and other legal representatives, and shall be binding upon sold Inventor(s), their respective heirs, legal representatives and assigns.				
4. Said Inventor(s) hereby warrant, represent and covenant that suid Inventor(s) have not entered and will not enter into any assignment, contract, or materianding in conflict incoving.				
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.				
law principles. If any provision of	this instrument is found to be illegal or	unenforceable, the other provis	State of California, without regard to conflict of ions shall remain-effective and enforceable to the ted an original, but all of which together constitute	
	OF, said Inventor(s) have executed and o	delivered this instrument to said	Assignce as of the dates written below:	
Date:		Date:		
Benjar	ain Hindson	1/ . / ->	Serge Saxonov	
Date: Kevin	Ness	Date: ////////	Paul Hurdenbol	
Date: Michael	el Schnall-Levin	Date:	Mirpa Jarosz	
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PATENT ASSIGNMENT	Docket Number 43487-703.501
RECEIVED AND AGREED TO BY ASSIGNEE: Date: 1-36-67	10X Genomics, Inc. Signature: Stown Paces Name/Title: Steven Bacsi/Associate General Counsel

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RECORDED: 05/01/2019