

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5171254

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BENJAMIN HINDSON	05/03/2018
CHRISTOPHER HINDSON	05/02/2018
MICHAEL SCHNALL-LEVIN	05/02/2018
KEVIN NESS	06/21/2018
MIRNA JAROSZ	08/31/2018
SERGE SAXONOV	05/03/2018
PAUL HARDENBOL	04/13/2018
RECEIVING PARTY DATA	
Name:	10X GENOMICS, INC.
Street 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:	15847752
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:	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 94304-1050
ATTORNEY DOCKET NUMBER:	43487-703.308
NAME OF SUBMITTER:	NATALIE MORGAN
SIGNATURE:	/NATALIE MORGAN/

DATE SIGNED:	10/03/2018
Total Attachments: 8 source=10X Genomics 43487-703.308 Executed Assignment#page1.tif source=10X Genomics 43487-703.308 Executed Assignment#page2.tif source=10X Genomics 43487-703.308 Executed Assignment#page3.tif source=10X Genomics 43487-703.308 Executed Assignment#page4.tif source=10X Genomics 43487-703.308 Executed Assignment#page5.tif source=10X Genomics 43487-703.308 Executed Assignment#page6.tif source=10X Genomics 43487-703.502 Executed Assignment - Hardenbol#page1.tif source=10X Genomics 43487-703.502 Executed Assignment - Hardenbol#page2.tif	

PATENT ASSIGNMENT

Docket Number 43487-703.308

WHEREAS, the undersigned:

- | | | | |
|---------------------------------------|---|---|---------------------------------|
| 1. Benjamin HINDSON
Pleasanton, CA | 2. Christopher HINDSON
Livermore, CA | 3. Michael SCHNALL-LEVIN
San Francisco, CA | 4. Kevin NESS
Pleasanton, CA |
| 5. Mirna JAROSZ
Mountain View, CA | 6. Serge SAXONOV
Oakland, CA | 7. Paul HARDENBOL
San Francisco, CA | |

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

METHODS AND SYSTEMS FOR PROCESSING POLYNUCLEOTIDES

☒ for which application serial number 15/847,752 was filed on December 19, 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, **10X Genomics, Inc.**, a corporation incorporated in the State of Delaware, having a place of business at **7068 Koll Center Parkway, Suite 401, Pleasanton, CA 94566**, (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.

PATENT ASSIGNMENT

Docket Number 43487-703.308

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

Date: 5/3/18 
BENJAMIN HINDSON

Date: _____
MIRNA JAROSZ

Date: 5/2/18 
CHRISTOPHER HINDSON

Date: 5/3/18 
SERGE SAXONOV


Date: 5/2/18 
MICHAEL SCHNALL-LEVIN

Date: _____
PAUL HARDENBOL

Date: _____
KEVIN NESS

RECEIVED AND AGREED TO BY ASSIGNEE:

10X Genomics, Inc.

Signature: 
Name/Title: Steven Bacsi/Associate General Counsel

Date: 5/4/18

PATENT ASSIGNMENT

Docket Number 43487-703.308

WHEREAS, the undersigned:

- | | | | |
|---------------------------------------|---|---|------------------------------|
| 1. Benjamin HINDSON
Pleasanton, CA | 2. Christopher HINDSON
Livermore, CA | 3. Michael SCHNALL-LEVIN
San Francisco, CA | 4. Kevin NESS
Boulder, CO |
| 5. Mirna JAROSZ
Mountain View, CA | 6. Serge SAXONOV
Oakland, CA | 7. Paul HARDENBOL
San Francisco, CA | |

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

METHODS AND SYSTEMS FOR PROCESSING POLYNUCLEOTIDES

☒ for which application serial number 15/847,752 was filed on December 19, 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, IBX Genomics, Inc., a corporation incorporated in the State of Delaware, having a place of business at 7968 Kell Center Parkway, Suite 401, Pleasanton, CA 94566, (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.

PATENT ASSIGNMENT

Docket Number 43487-703.308

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

Date: _____	BENJAMIN HINDSON	Date: _____	MIRNA JAROSZ
Date: _____	CHRISTOPHER HINDSON	Date: _____	SERGE SAXONOV
Date: _____	MICHAEL SCHNALL-LEVIN	Date: _____	PAUL HARDENBOL
Date: <u>6-21-18</u>	<u>Kevin Ness</u> KEVIN NESS		

RECEIVED AND AGREED TO BY ASSIGNEE:

10X Genomics, Inc.

Signature: _____

Name/Title: Steven Bacal/Associate General Counsel

Date: 6-22-18

PATENT ASSIGNMENT

Docket Number 43487-703308

WHEREAS, the undersigned:

- | | | | |
|---------------------------------------|---|---|---------------------------------|
| 1. Benjamin HINDSON
Pleasanton, CA | 2. Christopher HINDSON
Livermore, CA | 3. Michael SCHNALL-LEVIN
San Francisco, CA | 4. Kevin NESS
Pleasanton, CA |
| 5. Mirna JABOSZ
Mountain View, CA | 6. Serge SAXONOV
Oakland, CA | 7. Paul HARDENBOL
San Francisco, CA | |

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

METHODS AND SYSTEMS FOR PROCESSING POLYNUCLEOTIDES

☒ for which application serial number 15/847,752 was filed on December 19, 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, 10X Genomics, Inc., a corporation incorporated in the State of Delaware, having a place of business at 7068 Koll Center Parkway, Suite 401, Pleasanton, CA 94566, (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.

PATENT ASSIGNMENT

Docket Number 43487-703.308

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

Date: _____	_____	Date: <u>8/31/18</u>	_____
	BENJAMIN HINDSON		MIRNA JAROSZ
Date: _____	_____	Date: _____	_____
	CHRISTOPHER HINDSON		SERGE SAXONOV
Date: _____	_____	Date: _____	_____
	MICHAEL SCHNALL-LEVIN		PAUL HARDENBOL
Date: _____	_____		
	KEVIN NESS		

RECEIVED AND AGREED TO BY ASSIGNEE:

10X Genomics, Inc.

Signature: _____

Name/Title: Steven Bucsi/Associate General Counsel

Date: _____

WHEREAS, the undersigned:

- | | | | |
|---------------------------------------|--|--|--------------------------------------|
| 1. Benjamin HINDSON
Pleasanton, CA | 2. Christopher HINDSON
Pleasanton, CA | 3. Michael SCHNALL-LEVIN
Pleasanton, CA | 4. Kevin NESS
Pleasanton, CA |
| 5. Mirna JAROSZ
San Francisco, CA | 6. Serge SAXONOV
Oakland, CA | 7. Paul HARDENBOL
San Francisco, CA | 8. Rajiv BHARADWAJ
Pleasanton, CA |
| 9. Grace ZHENG
Mountain View, CA | 10. Phillip BELGRADER
Livermore, CA | | |

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

METHODS AND SYSTEMS FOR PROCESSING POLYNUCLEOTIDES

☒ for which application serial number 15/717,871 was filed on September 27, 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, **10X Genomics, Inc.**, a corporation of the State of **Delaware**, having a place of business at **7068 Koll Center Parkway, Suite 401, Pleasanton, CA 94566**, (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)").

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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.

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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.

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

Date: _____ Benjamin Hindson	Date: _____ Christopher Hindson
Date: _____ Michael Schnall-Levin	Date: _____ Kevin Ness

PATENT ASSIGNMENT

Docket Number 43487-703.502

Date: _____

Mirna Jarosz

Date: _____

Serge Saxonov

Date: 4/13/14

Paul Hardenbol

Date: _____

Rajiv Bharadwaj

Date: _____

Grace Zheng

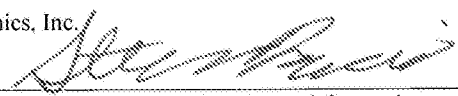
Date: _____

Phillip Belgrader

RECEIVED AND AGREED TO BY ASSIGNEE:

Date: 4-23-18

10X Genomics, Inc.

Signature: 

Name/Title: Steven Bacsí/Associate General Counsel