

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6186312

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MING XIAO	07/20/2009
HAN CAO	07/20/2009
RECEIVING PARTY DATA	
Name:	BIONANOMATRIX, INC.
Street Address:	3701 MARKET STREET
Internal Address:	4TH FLOOR
City:	PHILADELPHIA
State/Country:	PENNSYLVANIA
Postal Code:	19104
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16593915
CORRESPONDENCE DATA	
Fax Number:	(858)509-3691
<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:	8587208900
Email:	DMIPDocketing@sheppardmullin.com
Correspondent Name:	SHEPPARD, MULLIN, RICHTER & HAMPTON LLP
Address Line 1:	12275 EL CAMINO REAL
Address Line 2:	SUITE 200
Address Line 4:	SAN DIEGO, CALIFORNIA 92130
ATTORNEY DOCKET NUMBER:	68LH-299963-US4
NAME OF SUBMITTER:	JING LIU
SIGNATURE:	/Jing Liu/
DATE SIGNED:	07/06/2020
Total Attachments: 8	
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DOCKET NO.: BNMX-0032

PATENT
Joint Inventors
(Pending Application;
Application No. Known)

ASSIGNMENT

WHEREAS, we, Ming XIAO residing at 3578 Walsh Lane, Huntingdon Valley, PA 19006 US; Parikshit A. DESHPANDE residing at 101 Lassen Court, Apt. 4, Princeton, NJ 08540 US; Han CAO residing at 2001 Hamilton Street, Suite 2009, Philadelphia, PA 19102 US; Michael AUSTIN residing at 1814 Spruce Street, Apt. 3R, Philadelphia, PA 19103 US; Kandaswamy VIJAYAN residing at 107 South 21st Street, Apt. A, Philadelphia, PA 19103 US; Alexey Y. SHARONOV residing at 26-10 Valley Road, Drexel Hill, PA 19026 US; and Michael BOYCE-JACINO residing at 2 Clark Court, Titusville, NJ 08560 US, hereinafter referred to as the assignors, are the joint inventors of certain inventions or improvements for which we have made application for Letters Patent through the Patent Cooperation Treaty, identified as International Application No. PCT/US2009/049244 filed June 30, 2009, claiming priority of USSN 61/076,785 filed June 30, 2008, entitled METHODS AND DEVICES FOR SINGLE-MOLECULE WHOLE GENOME ANALYSIS, and

WHEREAS, BIONANOMATRIX, INC., hereinafter referred to as the assignee, 3701 Market Street, 4th Floor, Philadelphia, Pennsylvania 19104, a corporation of Delaware, United States of America, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said applications, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, and intending to be legally bound hereby, we, the said assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, effective as of June 29, 2009, the entire right, title and interest in and to said inventions or improvements and said applications and any and all continuations, divisions and renewals of and substitutes for said applications, and in, to and under any and all Letters Patents which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patents, including the full right to sue for and collect damages for past violations of provisional rights having arisen from any publication of said applications or any continuations, divisions, or renewals of or substitutes for said applications. We further assign to and authorize said assignee, to file in our names applications for Letters Patents in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patents respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and

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PATENT
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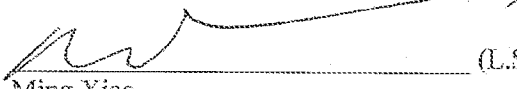
without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said applications and said Letters Patents to said assignee, its successors, assigns, nominees, or legal representatives, and each of us agrees to communicate to said assignee or to its nominee all known facts respecting said inventions or improvements, said applications and said Letters Patents, to testify in any legal proceedings, to sign all lawful papers to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patents for said inventions or improvements, including any and all Letters Patents of the United States which may be issued and granted on or as a result of the applications aforesaid, in accordance with the terms of this assignment.

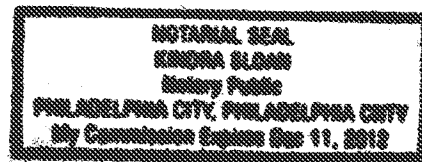
AND this Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Assignment. Additionally, we hereby authorize our attorneys to collect the signature pages of each executed counterpart and to attach those signature pages to a single copy of this instrument, which single copy and attached signature pages together shall constitute an original of this Assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

7/20/2009
Date


Ming Xiao (L.S.)

STATE OF Pennsylvania :
COUNTY OF Philadelphia : SS



On this 20 day of July, year of 2009, before me personally came the above named Ming Xiao to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.


Notary Public

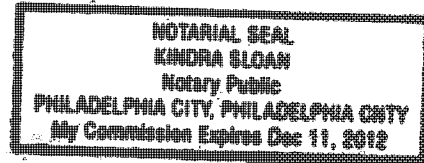
DOCKET NO.: BNMX-0032

PATENT
Joint Inventors
(Pending Application;
Application No. Known)

July 20/09
Date

[Signature] (L.S.)
Parikshit A. Deshpande

STATE OF Pennsylvania :
COUNTY OF Philadelphia : SS



On this 20 day of July, year of 2009, before me personally came the above named Parikshit A. Deshpande to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

[Signature]
Notary Public

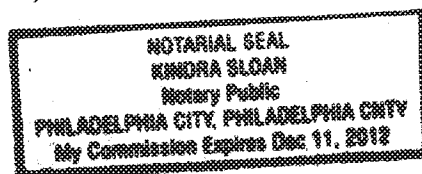
DOCKET NO.: BNMX-0032

PATENT
Joint Inventors
(Pending Application;
Application No. Known)

7/20/2009
Date

[Signature] (L.S.)
Han Cao

STATE OF Pennsylvania :
COUNTY OF Philadelphia : SS



On this 20 day of July, year of 2009, before me personally came the above named **Han Cao** to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

[Signature]
Notary Public

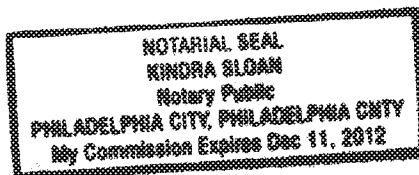
DOCKET NO.: BNMX-0032

PATENT
Joint Inventors
(Pending Application;
Application No. Known)

July 20, 2009
Date

Michael Austin (L.S.)
Michael Austin

STATE OF Pennsylvania :
COUNTY OF Philadelphia : SS



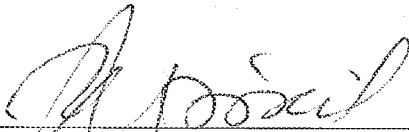
On this 20 day of July, year of 2009, before me personally came the above named **Michael Austin** to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Kindra Sloan
Notary Public

DOCKET NO.: BNMV-0032

PATENT
Joint Inventors
(Pending Application;
Application No. Known)

07/16/2009
Date


Kandaswamy Vijayan (L.S.)

STATE OF Rhode Island :
COUNTY OF Providence : SS

On this 16 day of July, year of 2009, before me personally came the above named **Kandaswamy Vijayan** to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

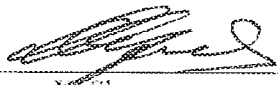

Notary Public

Douglas R. Frongillo
Notary Public, Rhode Island
My Commission Expires February 10, 2011
Notary I.D. 44636

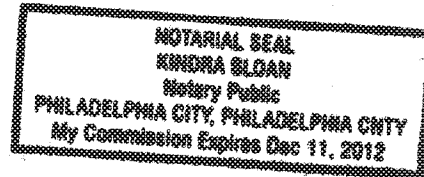
DOCKET NO.: BNMX-0032

PATENT
Joint Inventors
(Pending Application;
Application No. Known)

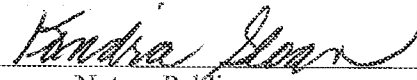
07/20/09
Date

 (L.S.)
Alexey Y. Sharonov

STATE OF Pennsylvania :
COUNTY OF Philadelphia : SS



On this 20 day of July, year of 2009, before me personally came the above named **Alexey Y. Sharonov** to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.


Notary Public

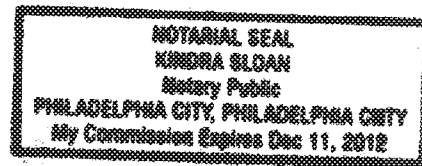
DOCKET NO.: BNMx-0032

PATENT
Joint Inventors
(Pending Application;
Application No. Known)

7-20-2009
Date

Michael Boyce-Jacino (L.S.)
Michael Boyce-Jacino

STATE OF Pennsylvania :
COUNTY OF Philadelphia : SS



On this 20 day of July, year of 2009, before me personally came the above named **Michael Boyce-Jacino** to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Kindra Sloan
Notary Public