

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5415299

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
EMMANUEL KAMBEROV	11/22/2011
TONG SUN	11/01/2011
ERIC BRUENING	11/03/2011
JONATHON H. PINTER	11/28/2011
IRINA SLEPTSOVA	11/03/2011
TAKAO KURIHARA	11/28/2011
VLADIMIR L. MAKAROV	11/21/2011
RECEIVING PARTY DATA	
Name:	RUBICON GENOMICS, INC.
Street Address:	4743 VENTURE DRIVE
City:	ANN ARBOR
State/Country:	MICHIGAN
Postal Code:	48108
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16277972
CORRESPONDENCE DATA	
Fax Number:	(650)327-3231
<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:	6503273400
Email:	turner@bozpat.com
Correspondent Name:	BRET E. FIELD
Address Line 1:	201 REDWOOD SHORES PARKWAY
Address Line 2:	SUITE 200
Address Line 4:	REDWOOD CITY, CALIFORNIA 94065
ATTORNEY DOCKET NUMBER:	CLON-159CIPCONDIVCON2
NAME OF SUBMITTER:	BRET E. FIELD
SIGNATURE:	/Bret E. Field, Reg. No. 37,620/
DATE SIGNED:	03/11/2019

PATENT

Total Attachments: 10

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PATENT
FILE NO. RUBC:022USCIP

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to RUBICON GENOMICS (the "Assignee"), having a place of business at 4370 Varsity Drive, Suite G, Ann Arbor, Michigan 48108, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, Serial No. 12/716,681, which has been filed on March 3, 2010 and is entitled "AMPLIFICATION AND ANALYSIS OF WHOLE GENOME AND WHOLE TRANSCRIPTOME LIBRARIES GENERATED BY A DNA POLYMERIZATION PROCESS," which is a continuation in part of U.S. Application No. 10/795,667 filed on March 8, 2004 filed on application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

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USSN 12/716,681

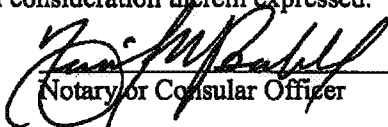
TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

The assignment of said invention is effective as of the earlier of (1) the date of execution shown below or (2) the filing date of the first filed of said patent applications.

Signature:  Date: 11 / 22 / 11
Name: Emmanuel KAMBEROV

STATE OF MICHIGAN
COUNTY OF WASHTENAW

BEFORE ME, the undersigned authority, on this 22 day of November, 2011 personally appeared Emmanuel KAMBEROV, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.


Notary or Consular Officer

[SEAL]

Signature: _____ Date: _____
Name: Tong SUN

STATE OF _____
COUNTY OF _____

BEFORE ME, the undersigned authority, on this ____ day of _____, 2011 personally appeared Tong SUN, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

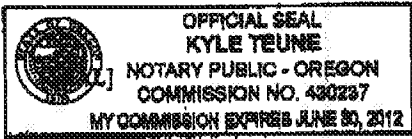
Notary or Consular Officer

[SEAL]

Signature: [Signature] Date: 11-3-2011
Name: Eric BRUENING

STATE OF Oregon
COUNTY OF Multnomah

BEFORE ME, the undersigned authority, on this 3rd day of November, 2011 personally appeared Eric BRUENING, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.



[Signature]
Notary or Consular Officer

Signature: _____ Date: _____
Name: Jonathan H. PINTER

STATE OF _____
COUNTY OF _____

BEFORE ME, the undersigned authority, on this ____ day of _____, 2011 personally appeared Jonathan H. PINTER, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

Notary or Consular Officer

[SEAL]

Signature: *Irina Sleptsova* Date: 11-3-2011
Name: Irina SLEPTSOVA

STATE OF LOUISIANA
COUNTY OF ST. TAMMANY

BEFORE ME, the undersigned authority, on this 3rd day of November, 2011 personally appeared Irina SLEPTSOVA, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

[SEAL]

Valerie S Barnes
Notary Public, St Tammany Parish, LA
#87488 Commissioned for Life

Valerie S. Barnes
Notary or Consular Officer

Signature: *Takao Kurihara* Date: 11/28/11
Name: Takao KURIHARA

STATE OF MICHIGAN
COUNTY OF WASHTENAW

BEFORE ME, the undersigned authority, on this 28 day of NOVEMBER 2011 personally appeared Takao KURIHARA, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.


[SEAL]

Valerie S. Barnes
Notary or Consular Officer

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UJSSN 12/716,681

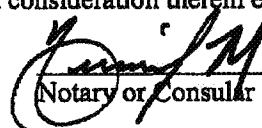
Signature: 

Date: 11/21/2011

Name: Vladimir L. MAKAROV

STATE OF MICHIGAN
COUNTY OF WASHTENAW

BEFORE ME, the undersigned authority, on this 21 day of NOVEMBER 2011 personally appeared Vladimir L. MAKAROV, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.


Notary or Consular Officer

[SEAL]

FULBRIGHT & JAWORSKI L.L.P.
98 San Jacinto Blvd., Suite 1100
Austin, Texas 78701

PATENT
FILE NO. RUBC:022USCP

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

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USSN 12/716,681

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The assignment of said invention is effective as of the earlier of (1) the date of execution shown below or (2) the filing date of the first filed of said patent applications.

Signature: _____ Date: _____
Name: Emmanuel KAMBEROV

STATE OF _____
COUNTY OF _____

BEFORE ME, the undersigned authority, on this ____ day of _____, 2011 personally appeared Emmanuel KAMBEROV, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

Notary or Consular Officer

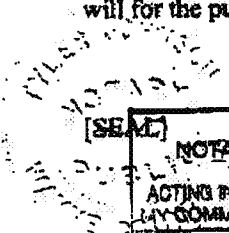
[SEAL]

Signature: [Signature] Date: 11/1/2011
Name: Tong SUN

STATE OF Michigan
COUNTY OF Wayne

BEFORE ME, the undersigned authority, on this 1st day of Nov, 2011 personally appeared Tong SUN, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

[Signature]
Notary or Consular Officer



[SEAL] TYLER JOHNSON
NOTARY PUBLIC - MICHIGAN
WAYNE COUNTY
ACTING IN THE COUNTY OF Wayne
COMMISSION EXPIRES AUG. 26, 2018

Signature: _____
Name: Eric BRUENING

Date: _____

STATE OF _____
COUNTY OF _____

BEFORE ME, the undersigned authority, on this ____ day of _____, 2011 personally appeared Eric BRUENING, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

Notary or Consular Officer

[SEAL]

Signature: *[Handwritten Signature]*
Name: Jonathan H. PINTER

Date: 11/28/11

STATE OF MICHIGAN
COUNTY OF WAYNE

BEFORE ME, the undersigned authority, on this 28th day of November, 2011 personally appeared Jonathan H. PINTER, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

Mary M Gordon
Notary or Consular Officer

[SEAL]

MARY M. GORDON
Notary Public, Macomb County, MI
Acting in WAYNE County
My Commission Expires October 16, 2013

Signature: _____

Date: _____

Name: Irina SLEPTSOVA

STATE OF _____

COUNTY OF _____

BEFORE ME, the undersigned authority, on this ____ day of _____, 2011 personally appeared Irina SLEPTSOVA, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

Notary or Consular Officer

[SEAL]

Signature: _____

Date: _____

Name: Takao KURIHARA

STATE OF _____

COUNTY OF _____

BEFORE ME, the undersigned authority, on this ____ day of _____, 2011 personally appeared Takao KURIHARA, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

Notary or Consular Officer

[SEAL]

Signature: _____

Date: _____

Name: Vladamir L. MAKAROV

STATE OF _____
COUNTY OF _____

BEFORE ME, the undersigned authority, on this ____ day of _____, 2011 personally appeared Vladamir L. MAKAROV, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

Notary or Consular Officer

[SEAL]

FULBRIGHT & JAWORSKI L.L.P.
98 San Jacinto Blvd., Suite 1100
Austin, Texas 78701