

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6021075

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MATTHEW RABINOWITZ	10/22/2009
MILENA BANJEVIC	11/11/2009
ZACHARY PAUL DEMKO	10/19/2009
DAVID SCOTT JOHNSON	10/23/2009
DUSAN KIJACIK	11/11/2009
DMITRI PETROV	01/09/2010
JOSHUA SWEETKIND-SINGER	11/22/2009
JING XU	10/29/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GENE SECURITY NETWORK, INC.
<b>Street Address:</b>	2686 MIDDLEFIELD ROAD, SUITE C
<b>City:</b>	REDWOOD CITY
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94063
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16823127
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
<b>Email:</b>	IP@natera.com
<b>Correspondent Name:</b>	NATERA, INC.
<b>Address Line 1:</b>	201 INDUSTRIAL ROAD
<b>Address Line 2:</b>	SUITE 410
<b>Address Line 4:</b>	SAN CARLOS, CALIFORNIA 94070
<b>ATTORNEY DOCKET NUMBER:</b>	N.002.US.34
<b>NAME OF SUBMITTER:</b>	ANGELA Y. MCGOWAN
<b>SIGNATURE:</b>	/Angela Y. McGowan/

**DATE SIGNED:**

03/18/2020

**Total Attachments: 10**

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source=N.002.US.34\_Inventor Assignment to GSN#page10.tif

## ASSIGNMENT

We, Matthew Rabinowitz, Milena Banjevic, Zachary Paul Demko, David Scott Johnson, Dusan Kijacic, Dmitri Petrov, Joshua Sweetkind-Singer, and Jing Xu, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, confirm that we have sold and assigned, and do hereby assign, sell and transfer to Gene Security Network Inc., with offices at Redwood City, CA 94063, and to its successors, assigns and legal representatives, collectively hereinafter referred to as the ASSIGNEE: (1) our entire right, title and interest for the United States and in all countries, in and to any and all inventions, discoveries and applications which are disclosed in the application for United States Letters Patent entitled:

*SYSTEM AND METHOD FOR CLEANING NOISY GENETIC DATA AND DETERMINING CHROMOSOME COPY NUMBER*

filed with the U.S. Patent and Trademark Office on March 17th, 2008 and assigned Application No. 12/076,348, including any subsequently filed domestic and international applications, which claim priority to Application No. 12/076,348, and including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my/our names as the ASSIGNEE, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

We agree, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

We further agree at any time to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.


First Inventor : Rabinowitz *et al.*  
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We hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

We further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

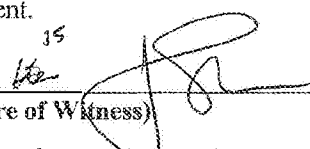
First Inventor : Rabinowitz *et al.*  
Application No. : 12/076,348  
Filed : March 17, 2008  
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Date: 10/22/09

  
Signature of: Matthew Rabinowitz

IN WITNESS WHEREOF, I, J. S. EDNA, hereby declare  
(Printed Name of Witness)

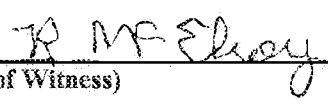
that I was personally present and did see the above named person duly sign and execute the assignment.

<sup>15</sup>  
  
(Signature of Witness)

Date: 10-22-09

IN WITNESS WHEREOF, I, R. McElroy, hereby declare  
(Printed Name of Witness)

that I was personally present and did see the above named person duly sign and execute the assignment.

  
(Signature of Witness)

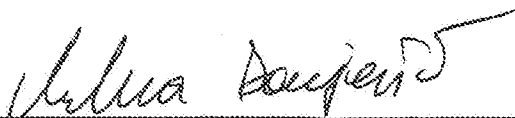
Date: 10/22/9

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Date:

11/11/09

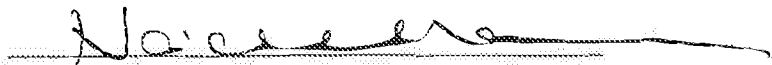
Signature of: Milena Banjevic



IN WITNESS WHEREOF, I, NA'AMA MORAN, hereby declare  
(Printed Name of Witness)

that I was personally present and did see the above named person duly sign and execute the assignment.

(Signature of Witness)



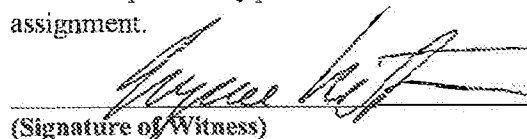
Date:

11/11/09

IN WITNESS WHEREOF, I, DUSAN KIJACIC, hereby declare  
(Printed Name of Witness)

that I was personally present and did see the above named person duly sign and execute the assignment.

(Signature of Witness)



Date:


11/11/09

First Inventor : Rabinowitz *et al.*  
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Date: 10/19/09

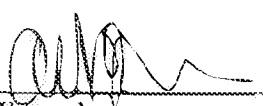
  
Signature of: Zachary Paul Demko

IN WITNESS WHEREOF, I, Christopher Clark, hereby declare  
(Printed Name of Witness)  
that I was personally present and did see the above named person duly sign and execute the  
assignment

  
(Signature of Witness)

Date: 10/19/2009

IN WITNESS WHEREOF, I, Allison Ryan, hereby declare  
(Printed Name of Witness)  
that I was personally present and did see the above named person duly sign and execute the  
assignment

  
(Signature of Witness)

Date: 10/19/2009

First Inventor : Rabinowitz *et al.*  
Application No. : 12/076,348  
Filed : March 17, 2008  
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Date:

10/23/09

Signature of: David Scott Johnson

IN WITNESS WHEREOF, I, J. S. HEDD, hereby declare  
(Printed Name of Witness)

that I was personally present and did see the above named person duly sign and execute the assignment.

(Signature of Witness)

Date:

10.23.09

IN WITNESS WHEREOF, I, R McElroy, hereby declare  
(Printed Name of Witness)

that I was personally present and did see the above named person duly sign and execute the assignment.

(Signature of Witness)

Date:

10/23/09



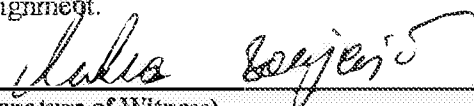
First Inventor : Rabinowitz et al.  
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Date: 11/11/09

  
Signature of: Dusan Kijacik

IN WITNESS WHEREOF, I, MILENA BANJEVIC, hereby declare  
(Printed Name of Witness)

that I was personally present and did see the above named person duly sign and execute the assignment.

  
(Signature of Witness)

Date: 11/11/09

IN WITNESS WHEREOF, I, NARANA MORAN, hereby declare  
(Printed Name of Witness)


that I was personally present and did see the above named person duly sign and execute the assignment.

  
(Signature of Witness)

Date: 11/11/09

First Inventor : Rabinowitz et al.  
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Date: 01/19/10

  
Signature of: Dmitri Petrov

IN WITNESS WHEREOF, I, Vered Shemtov, hereby declare  
(Printed Name of Witness)

that I was personally present and did see the above named person duly sign and execute the assignment.

V. Shemtov  
(Signature of Witness)

Date: 1/19/10

IN WITNESS WHEREOF, I, PHILIPP MESSER, hereby declare  
(Printed Name of Witness)

that I was personally present and did see the above named person duly sign and execute the assignment.

Philipp Messer  
(Signature of Witness)

Date: 1-19-10

First Inventor : Rahinowitz et al.  
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Date: 11/22/2009

Joshua Sweetkind-Singer  
Signature of: Joshua Sweetkind-Singer

IN WITNESS WHEREOF, I, Juliet Sweetkind-Singer, hereby declare  
(Printed Name of Witness)

that I was personally present and did see the above named person duly sign and execute the assignment.

JK Sweetkind-Singer  
(Signature of Witness)

Date: 11/22/2009

IN WITNESS WHEREOF, I, ZACH DEMKO, hereby declare  
(Printed Name of Witness)

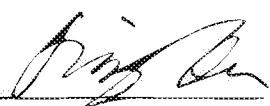
that I was personally present and did see the above named person duly sign and execute the assignment.

[Signature]  
(Signature of Witness)

Date: 11/22/2009

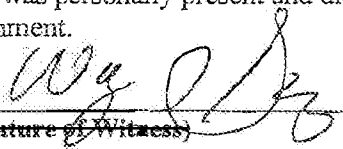
First Inventor : Rabinowitz *et al.*  
Application No. : 12/076,348  
Filed : March 17, 2008  
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Date: 10/29/2009

  
Signature of: Jing Xu

IN WITNESS WHEREOF, I, SHUBING WANG, hereby declare  
(Printed Name of Witness)

that I was personally present and did see the above named person duly sign and execute the assignment.

  
(Signature of Witness)

Date: 10/29/09

IN WITNESS WHEREOF, I, JUNG HOON LEE, hereby declare  
(Printed Name of Witness)

that I was personally present and did see the above named person duly sign and execute the assignment.

  
(Signature of Witness)

Date: 10/29/09