

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6770159

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	BERNHARD ZIMMERMANN	11/28/2011
<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>
	<b>Patent Number:</b>	10590482
<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.004.US.43	
<b>NAME OF SUBMITTER:</b>	ANGELA Y. MCGOWAN	
<b>SIGNATURE:</b>	/Angela Y. McGowan/	
<b>DATE SIGNED:</b>	06/18/2021	
<b>Total Attachments: 10</b>		
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source=N004.US.43\_Inventor Zimmermann Assignment to GSN#page10.tif

## ASSIGNMENT

We, **Matthew Rabinowitz, George Gemelos, Milena Banjevic, Allison Ryan, Zachary Demko, Matthew Hill, Bernhard Zimmermann, and Johan Baner** 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:

### *METHODS FOR NON-INVASIVE PRENATAL PLOIDY CALLING*

filed with the U.S. Receiving Office on **November 18th, 2011**, and assigned Application No. **13/300,235**, including any subsequently filed domestic and international applications, which claim priority to this application, 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.

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.

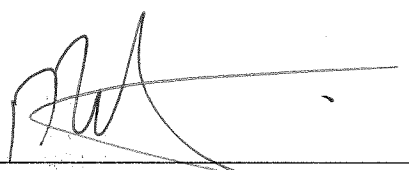
**First Inventor** : Rabinowitz *et al.*  
**Docket No.** : GSN-U0011-111118  
**Filed** : November 18, 2011  
**Page 2 of 10**

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.

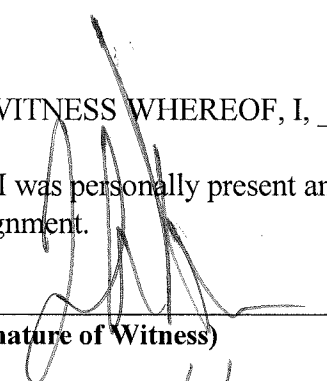
First Inventor : Rabinowitz *et al.*  
Docket No. : GSN-U0011-111118  
Filed : November 18, 2011  
Page 3 of 10

The undersigned hereby authorizes Greenberg Traurig, LLP, of One International Place, Boston, MA 02110, to insert hereon any further identification information necessary or desirable for recordation of this document.

Date: 12/1/11

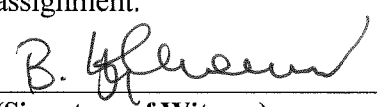
  
Signature of:  
**Matthew Rabinowitz**  
1133 Dolores St.  
San Francisco, CA 94110 USA

IN WITNESS WHEREOF, I, ZACHARY DEMIKO, 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: 12/1/11

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

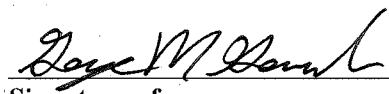
  
(Signature of Witness)

Date: 12/1/11

First Inventor : Rabinowitz *et al.*  
Docket No. : GSN-U0011-111118  
Filed : November 18, 2011  
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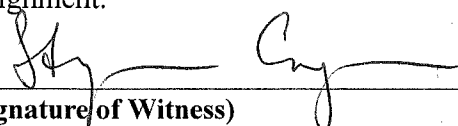
The undersigned hereby authorizes Greenberg Traurig, LLP, of One International Place, Boston, MA 02110, to insert hereon any further identification information necessary or desirable for recordation of this document.

Date: 11/28/11

  
Signature of:  
George Gemelos  
1546 Cameo Dr.  
San Jose, CA 95129 USA

IN WITNESS WHEREOF, I, STYRMIR SIGURJONSSON, hereby declare  
(Printed Name of Witness)

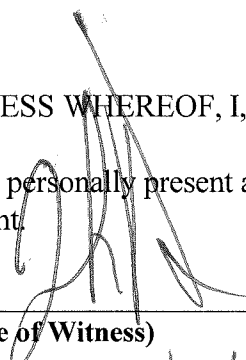
that I was personally present and did see the above named person duly sign and execute the assignment.

  
(Signature of Witness)

Date: 11/28/11

IN WITNESS WHEREOF, I, ZACHARY DEMCO, hereby declare  
(Printed Name of Witness)

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

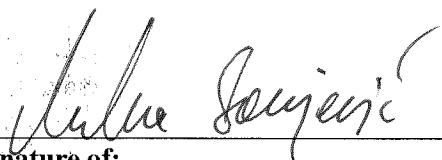
  
(Signature of Witness)

Date: 11/28/11

First Inventor : Rabinowitz *et al.*  
Docket No. : GSN-U0011-111118  
Filed : November 18, 2011  
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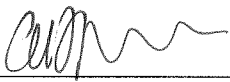
The undersigned hereby authorizes Greenberg Traurig, LLP, of One International Place, Boston, MA 02110, to insert hereon any further identification information necessary or desirable for recordation of this document.

Date: 11/28/2011

  
Signature of:  
**Milena Banjevic**  
26799 Elena Rd.  
Los Altos Hill, CA 94022

IN WITNESS WHEREOF, I, Allison Ryan, hereby declare  
(Printed Name of Witness)

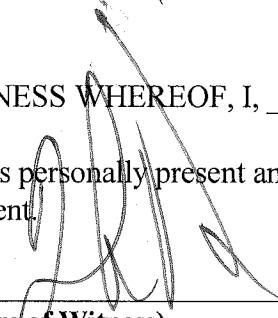
that I was personally present and did see the above named person duly sign and execute the assignment.

  
(Signature of Witness)

Date: 11/28/11

IN WITNESS WHEREOF, I, ZACHARY JEMKO, 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: 11/28/11

First Inventor : Rabinowitz *et al.*  
Docket No. : GSN-U0011-111118  
Filed : November 18, 2011  
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The undersigned hereby authorizes Greenberg Traurig, LLP, of One International Place, Boston, MA 02110, to insert hereon any further identification information necessary or desirable for recordation of this document.

Date:

11/28/11

Signature of:

Allison Ryan

77 Columbia Ave.

Redwood City, CA 94063 USA

IN WITNESS WHEREOF, I, STYRMIR SIGURJONSSON, 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:

11/28/11

IN WITNESS WHEREOF, I, ZACHARY 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 of Witness)

Date:

11/28/11



First Inventor : Rabinowitz *et al.*  
Docket No. : GSN-U0011-111118  
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Date: \_\_\_\_\_

11/28/11

Signature of: \_\_\_\_\_

Zachary Demko

26799 Elena Rd.

Los Altos Hill, CA 94022

IN WITNESS WHEREOF, I, Matthew Hill, 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: \_\_\_\_\_

11/28/11

IN WITNESS WHEREOF, I, BERNHARD ZIMMERMANN, 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: \_\_\_\_\_

11/28/2011

First Inventor : Rabinowitz *et al.*  
Docket No. : GSN-U0011-111118  
Filed : November 18, 2011  
Page 8 of 10

The undersigned hereby authorizes Greenberg Traurig, LLP, of One International Place, Boston, MA 02110, to insert hereon any further identification information necessary or desirable for recordation of this document.

Date:

11/28/2011

Signature of:

**Matthew Hill**

56 Loyola Ave.

Menlo Park, CA 94025 USA

IN WITNESS WHEREOF, I, BERNHARD ZIMMERMANN, hereby declare  
(Printed Name of Witness)

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

B. Zimmermann

(Signature of Witness)

Date:

11/28/2011

IN WITNESS WHEREOF, I, ZACHARY 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.

Zachary Demko

(Signature of Witness)

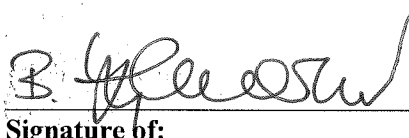
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Page 9 of 10

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Date: 11/28/2011



Signature of:


**Bernhard Zimmermann**

1662 Lodi Avenue

San Mateo, CA 94401 USA

IN WITNESS WHEREOF, I, Matthew Hill, hereby declare  
(Printed Name of Witness)

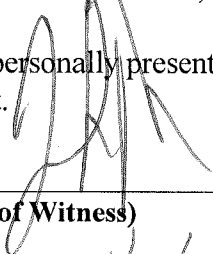
that I was personally present and did see the above named person duly sign and execute the assignment.

  
(Signature of Witness)

Date: 11/28/2011

IN WITNESS WHEREOF, I, ZACHARY 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 of Witness)

Date: 11/28/11

First Inventor : Rabinowitz *et al.*  
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Page 10 of 10

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Date: 11/28/11

Signature of:

**Johan Baner**

2000 Broadway St., Apt. 309

San Francisco, CA 94115 USA

IN WITNESS WHEREOF, I, STYRMIR SIGURJONSSON, 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: 11/28/11

IN WITNESS WHEREOF, I, ZACHARY 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: 11/28/11