

PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Matthew Rabinowitz	06/17/2011
George Gemelos	06/17/2011
Milena Banjevic	06/17/2011
Allison Ryan	06/17/2011
Zachary Demko	06/17/2011
Matthew Hill	06/17/2011
Bernhard Zimmermann	06/17/2011
Johan Baner	07/01/2011

RECEIVING PARTY DATA

Name:	Gene Security Network, Inc.
Street Address:	2686 Middlefield Road
Internal Address:	Suite C
City:	Redwood City
State/Country:	CALIFORNIA
Postal Code:	94063

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13110685

CORRESPONDENCE DATA

Fax Number: (617)897-0909

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Phone: 617-310-6009

Email: bosipmail@gtlaw.com

Correspondent Name: David J. Dykeman

Address Line 1: Greenberg Traurig, LLP

Address Line 2: One International Place

CH \$40.00 13110685

501616552

PATENT  
REEL: 026700 FRAME: 0618

Address Line 4: Boston, MASSACHUSETTS 02110

ATTORNEY DOCKET NUMBER:

118103-010502/US

NAME OF SUBMITTER:

David J. Dykeman

Total Attachments: 10

source=011401ExecAssignment#page1.tif  
source=011401ExecAssignment#page2.tif  
source=011401ExecAssignment#page3.tif  
source=011401ExecAssignment#page4.tif  
source=011401ExecAssignment#page5.tif  
source=011401ExecAssignment#page6.tif  
source=011401ExecAssignment#page7.tif  
source=011401ExecAssignment#page8.tif  
source=011401ExecAssignment#page9.tif  
source=011401ExecAssignment#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. Patent and Trademark Office on **May 18th, 2011**, and assigned Application No. **13/110,685**, 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.

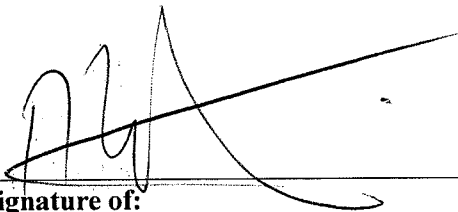
**First Inventor** : Rabinowitz *et al.*  
**Docket No.** : GSN-U0010-110518  
**Filed** : May 18, 2011  
**Page 2 of 10**

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-U0010-110518  
Filed : May 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.

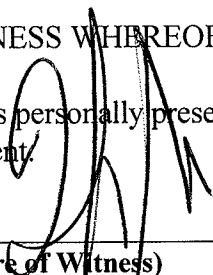
Date: June 17, 2011



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

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.

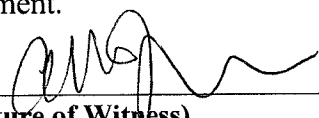


(Signature of Witness)

Date: 6/17/11

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.



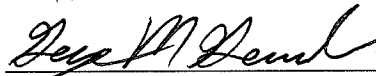
(Signature of Witness)

Date: 6/17/11

First Inventor : Rabinowitz *et al.*  
Docket No. : GSN-U0010-110518  
Filed : May 18, 2011  
Page 4 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: 6/17/11



Signature of:

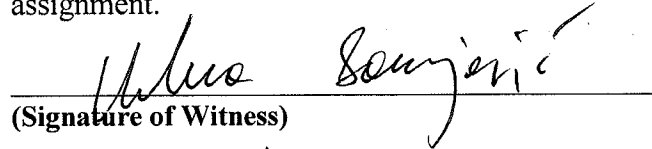
George Gemelos

1546 Cameo Dr.

San Jose, CA 95129 USA

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

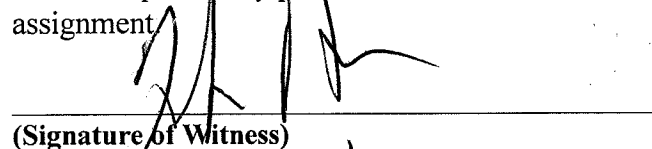
that I was personally present and did see the above named person duly sign and execute the assignment.

  
(Signature of Witness)

Date: 06/17/11

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

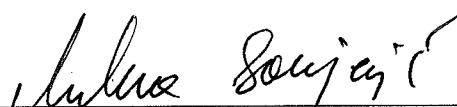
that I was personally present and did see the above named person duly sign and execute the assignment.

  
(Signature of Witness)

Date: 6/17/11

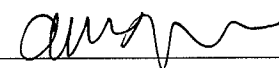
First Inventor : Rabinowitz *et al.*  
Docket No. : GSN-U0010-110518  
Filed : May 18, 2011  
Page 5 of 10

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: 06/17/11   
Signature of:  
**Milena Banjevic**  
322 W. 57th St. #20F  
New York, NY 10019 USA

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

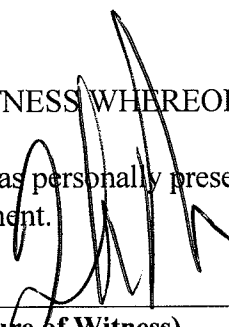
that I was personally present and did see the above named person duly sign and execute the assignment.

  
(Signature of Witness)

Date: 6/17/11

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.

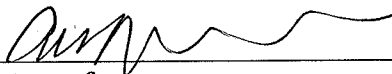
  
(Signature of Witness)

Date: 6/17/11

First Inventor : Rabinowitz *et al.*  
Docket No. : GSN-U0010-110518  
Filed : May 18, 2011  
Page 6 of 10

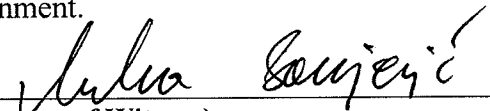
The undersigned hereby authorizes Greenberg Traurig, LLP, of One International Place, Boston, MA 02110, to insert hereon any further identification information necessary or desirable for recordation of this document.

Date: 6/17/11

  
Signature of:  
**Allison Ryan**  
77 Columbia Ave.  
Redwood City, CA 94063 USA

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

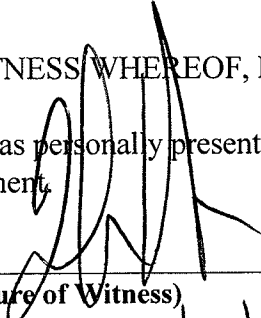
that I was personally present and did see the above named person duly sign and execute the assignment.

  
(Signature of Witness)

Date: 06/17/11

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)

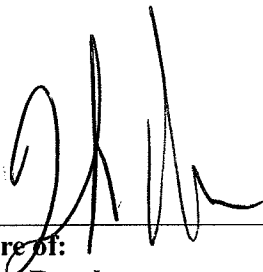
Date: 6/17/11



First Inventor : Rabinowitz *et al.*  
Docket No. : GSN-U0010-110518  
Filed : May 18, 2011  
Page 7 of 10

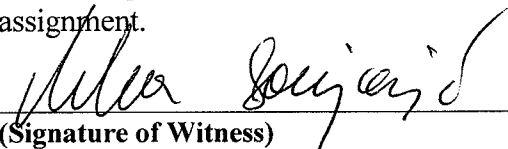
The undersigned hereby authorizes Greenberg Traurig, LLP, of One International Place, Boston, MA 02110, to insert hereon any further identification information necessary or desirable for recordation of this document.

Date: 6/17/11

  
\_\_\_\_\_  
Signature of:  
**Zachary Demko**  
31B Saint James Ave.  
Somerville, MA 02144 USA

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

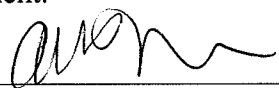
that I was personally present and did see the above named person duly sign and execute the assignment.

  
\_\_\_\_\_  
(Signature of Witness)

Date: 6/17/11

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.

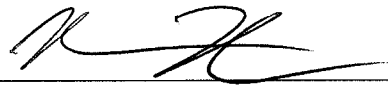
  
\_\_\_\_\_  
(Signature of Witness)

Date: 6/17/11

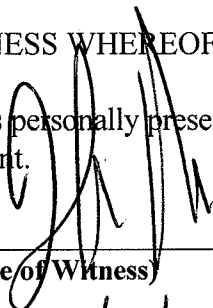
First Inventor : Rabinowitz *et al.*  
Docket No. : GSN-U0010-110518  
Filed : May 18, 2011  
Page 8 of 10

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: 6/17/2011

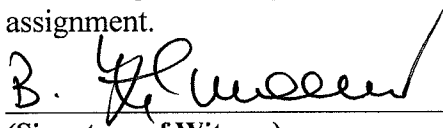
  
\_\_\_\_\_  
Signature of:  
**Matthew Hill**  
56 Loyola Ave.  
Menlo Park, CA 94025 USA

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: 6/17/11

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.

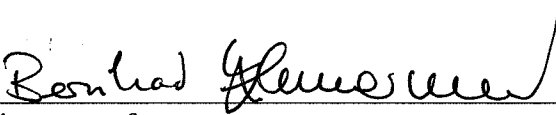
  
\_\_\_\_\_  
(Signature of Witness)

Date: 6/17/2011

First Inventor : Rabinowitz *et al.*  
Docket No. : GSN-U0010-110518  
Filed : May 18, 2011  
Page 9 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.

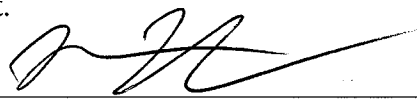
Date: 6/17/2011



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: 6/17/2011

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.

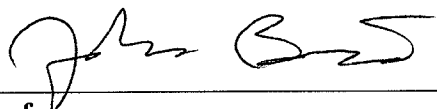
  
(Signature of Witness)

Date: 5/17/11

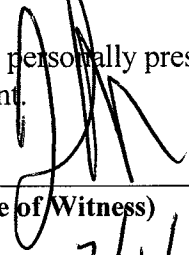
First Inventor : Rabinowitz *et al.*  
Docket No. : GSN-U0010-110518  
Filed : May 18, 2011  
Page 10 of 10

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: 7/1/11

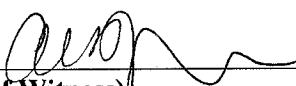
  
Signature of:  
**Johan Baner**  
2000 Broadway St., Apt. 309  
San Francisco, CA 94115 USA

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: 7/1/11

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: 7/1/11