

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Brian K Agan	10/07/2004
Elizabeth A Walter	10/07/2004
Robb K Rowley	09/30/2004
Eric H Hanson	09/23/2004
Donald Seto	09/16/2004
Clark J Tibbetts	10/18/2004
Russell P Kruzlock	05/30/2007

RECEIVING PARTY DATA

Name:	The Government of the United States, as respresented by the Secretary of the Air Force
Street Address:	2240 B ST, RM 100
Internal Address:	AFMCLO/JAZ
City:	Wright-Patterson AFB
State/Country:	OHIO
Postal Code:	45433-7109

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12100519

CORRESPONDENCE DATA

Fax Number: (202)404-7380
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 202-404-1556
Email: joseph.grunkemeyer@nrl.navy.mil
Correspondent Name: Joseph T Grunkemeyer
Address Line 1: 4555 Overlook Ave, SW
Address Line 2: Code 1008.2
Address Line 4: Washington, DISTRICT OF COLUMBIA 20375

CH \$40.00 12100519

500510287

PATENT
REEL: 020782 FRAME: 0400

ATTORNEY DOCKET NUMBER:

99244-US1

NAME OF SUBMITTER:

Joseph T Grunkemeyer

Total Attachments: 7

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ASSIGNMENT

WHEREAS I, Brian K. Agan, while employed by the Government of the United States, made jointly with Eric H. Hanson, Baochuan Lin, Donald Seto, Russell P. Kruzelock, Robb K. Rowley, David A. Stenger, Jennifer Thornton, Dzung Thach, Elizabeth A. Walter, Clark J. Tibbetts, Gary J. Vora, and Zheng Wang an invention entitled RE-SEQUENCING PATHOGEN MICROARRAY described in an application for Letters Patent of the United States serial no. 60/590,931 filed July 2, 2004;

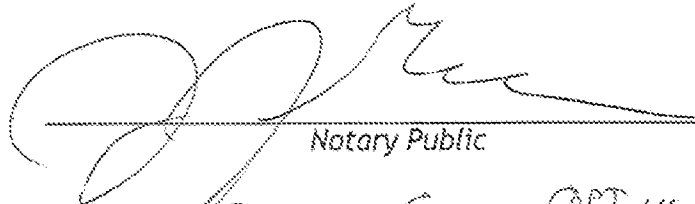
WHEREAS, the conditions under which the joint invention was made are such as to entitle the Government under paragraph 1(a) of Executive Order 10096 and 37 CFR Part 501, to my entire right, title and interest therein, including foreign rights; and

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable considerations, I, Brian K. Agan have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto the Government of the United States, as represented by the Secretary of the Air Force, my entire right, title and interest throughout the world in and to the aforesaid joint invention described in the aforesaid application for Letters Patent of the United States, and any and all applications for patent and patents in any and all countries foreign to the United States, and all Letters Patent issuing thereon and any continuations, continuations-in-part, divisions, and reissues or extensions thereof; and all priority resulting from the filing of the aforesaid application for patent in the United States; I hereby authorize and request any official whose duty it is to issue patents to issue any patent thereon to the United States of America, as represented by the Secretary of the Air Force, and his successors, as assignee of my entire right, title and interest in and to the same, for the sole use for the full term or terms for which said patents and any continuations, continuations-in-part, divisions and reissues or extensions thereof are, or may be, granted as fully and entirely as the same would have been held by us had this Assignment not been made; and I hereby agree to execute any and all applications for Letters Patent, and to furnish all data and documents and to execute any papers which may be necessary or convenient for the preparation, filing, or prosecution of such applications, except it is understood that I shall not be subject to any out-of-pocket expense relative to such action.



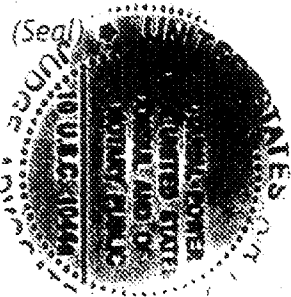
BRIAN K. AGAN

SIGNED and acknowledged before me this 7 day of OCTOBER, 2004, at Wichita AFS, County of Beck, and State of TX.



Notary Public

James J. Gross, CAPT, USAF



ASSIGNMENT

WHEREAS I, Elizabeth A. Walter, while working for the Department of the Air Force pursuant to the Intergovernmental Personnel Act, made jointly with Brian K. Agan, Eric H. Hanson, Baochuan Lin, Robb K. Rowley, Russell P. Kruzelock, David A. Stenger, Jennifer Thornton, Dzung Thach, Clark J. Tibbetts, Donald Seto, Gary J. Vora, and Zheng Wang an invention entitled RE-SEQUENCING PATHOGEN MICROARRAY described in an application for Letters Patent of the United States serial no. 60/590,931 filed July 2, 2004;

WHEREAS, the conditions under which the joint invention was made are such as to entitle the Government of the United States under paragraph 1(a) of Executive Order 10096 and 37 CFR Part 501, to my entire right, title and interest therein, including foreign rights; and

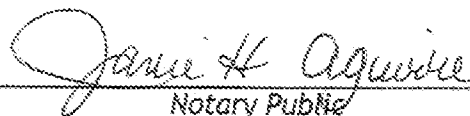
NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable considerations, I, Elizabeth A. Walter have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto the Government of the United States, as represented by the Secretary of the Air Force, my entire right, title and interest throughout the world in and to the aforesaid joint invention described in the aforesaid application for Letters Patent of the United States, and any and all applications for patent and patents in any and all countries foreign to the United States, and all Letters Patent issuing thereon and any continuations, continuations-in-part, divisions, and reissues or extensions thereof; and all priority resulting from the filing of the aforesaid application for patent in the United States; I hereby authorize and request any official whose duty it is to issue patents to issue any patent thereon to the United States of America, as represented by the Secretary of the Air Force, and his successors, as assignee of my entire right, title and interest in and to the same, for the sole use for the full term or terms for which said patents and any continuations, continuations-in-part, divisions and reissues or extensions thereof are, or may be, granted as fully and entirely as the same would have been held by us had this Assignment not been made; and I hereby agree to execute any and all applications for Letters Patent, and to furnish all data and documents and to execute any papers which may be necessary or convenient for the preparation, filing, or prosecution of such applications, except it is understood that I shall not be subject to any out-of-pocket expense relative to such action.



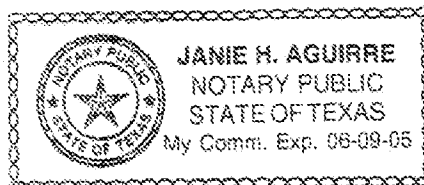
ELIZABETH A. WALTER

SIGNED and acknowledged before me this 7 day of October 2004, at
Bejar, County of San Antonio, and State of Texas.

(Seal)



Notary Public



ASSIGNMENT

WHEREAS I, Robb K. Rowley, while employed by the Government of the United States, made jointly with Brian K. Agan, Eric H. Hanson, Baochuan Lin, Donald Seto, Russell P. Kruzelock, David A. Stenger, Jennifer Thornton, Dzung Thach, Elizabeth A. Walter, Clark J. Tibbetts, Gary J. Vora, and Zheng Wang an invention entitled RE-SEQUENCING PATHOGEN MICROARRAY described in an application for Letters Patent of the United States serial no. 60/590,931 filed July 2, 2004;

WHEREAS, the conditions under which the joint invention was made are such as to entitle the Government under paragraph 1(a) of Executive Order 10096 and 37 CFR Part 501, to my entire right, title and interest therein, including foreign rights; and

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable considerations, I, Robb K. Rowley have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto the Government of the United States, as represented by the Secretary of the Air Force, my entire right, title and interest throughout the world in and to the aforesaid joint invention described in the aforesaid application for Letters Patent of the United States, and any and all applications for patent and patents in any and all countries foreign to the United States, and all Letters Patent issuing thereon and any continuations, continuations-in-part, divisions, and reissues or extensions thereof; and all priority resulting from the filing of the aforesaid application for patent in the United States; I hereby authorize and request any official whose duty it is to issue patents to issue any patent thereon to the United States of America, as represented by the Secretary of the Air Force, and his successors, as assignee of my entire right, title and interest in and to the same, for the sole use for the full term or terms for which said patents and any continuations, continuations-in-part, divisions and reissues or extensions thereof are, or may be, granted as fully and entirely as the same would have been held by us had this Assignment not been made; and I hereby agree to execute any and all applications for Letters Patent, and to furnish all data and documents and to execute any papers which may be necessary or convenient for the preparation, filing, or prosecution of such applications, except it is understood that I shall not be subject to any out-of-pocket expense relative to such action.



ROBB K. ROWLEY

SIGNED and acknowledged before me this 30th day of September 2004, at 5201 Leesburg Pike, City of Falls Church, and State of Virginia.

(Seal)


Notary Public

ASSIGNMENT

WHEREAS I, Eric H. Hanson, while employed by the Government of the United States, made jointly with Brian K. Agan, Baochuan Lin, Donald Seto, Russell P. Kruzelock, Robb K. Rowley, David A. Stenger, Jennifer Thornton, Dzung Thach, Elizabeth A. Walter, Clark J. Tibbetts, Gary J. Vora, and Zheng Wang an invention entitled RE-SEQUENCING PATHOGEN MICROARRAY described in an application for Letters Patent of the United States serial no. 60/590,931 filed July 2, 2004;

WHEREAS, the conditions under which the joint invention was made are such as to entitle the Government under paragraph 1(a) of Executive Order 10096 and 37 CFR Part 501, to my entire right, title and interest therein, including foreign rights; and

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable considerations, I, Eric H. Hanson have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto the Government of the United States, as represented by the Secretary of the Air Force, my entire right, title and interest throughout the world in and to the aforesaid joint invention described in the aforesaid application for Letters Patent of the United States, and any and all applications for patent and patents in any and all countries foreign to the United States, and all Letters Patent issuing thereon and any continuations, continuations-in-part, divisions, and reissues or extensions thereof; and all priority resulting from the filing of the aforesaid application for patent in the United States; I hereby authorize and request any official whose duty it is to issue patents to issue any patent thereon to the United States of America, as represented by the Secretary of the Air Force, and his successors, as assignee of my entire right, title and interest in and to the same, for the sole use for the full term or terms for which said patents and any continuations, continuations-in-part, divisions and reissues or extensions thereof are, or may be, granted as fully and entirely as the same would have been held by us had this Assignment not been made; and I hereby agree to execute any and all applications for Letters Patent, and to furnish all data and documents and to execute any papers which may be necessary or convenient for the preparation, filing, or prosecution of such applications, except it is understood that I shall not be subject to any out-of-pocket expense relative to such action.


ERIC H. HANSON

SIGNED and acknowledged before me this 23rd day of September 2004, at
HQ USAF Modernization Directorate, County of Fairfax, and State of Virginia.

(Seal)


Notary Public

Enbowed Hereon is My
Commonwealth of Virginia Notary Public Seal
My Commission Expires December 31, 2008
CATHERINE FISHER DE MARR

ASSIGNMENT

WHEREAS I, Donald Seto, while working for the Department of the Air Force pursuant to the Intergovernmental Personnel Act, made jointly with Brian K. Agan, Eric H. Hanson, Baochuan Lin, Robb K. Rowley, Russell P. Kruzelock, David A. Stenger, Jennifer Thornton, Dzung Thach, Elizabeth A. Walter, Clark J. Tibbetts, Gary J. Vora, and Zheng Wang an invention entitled RE-SEQUENCING PATHOGEN MICROARRAY described in an application for Letters Patent of the United States serial no. 60/590,931 filed July 2, 2004;

WHEREAS, the conditions under which the joint invention was made are such as to entitle the Government of the United States under paragraph 1(a) of Executive Order 10096 and 37 CFR Part 501, to my entire right, title and interest therein, including foreign rights; and

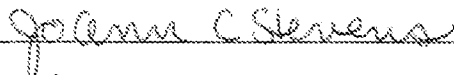
NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable considerations, I, Donald Seto have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto the Government of the United States, as represented by the Secretary of the Air Force, my entire right, title and interest throughout the world in and to the aforesaid joint invention described in the aforesaid application for Letters Patent of the United States, and any and all applications for patent and patents in any and all countries foreign to the United States, and all Letters Patent issuing thereon and any continuations, continuations-in-part, divisions, and reissues or extensions thereof; and all priority resulting from the filing of the aforesaid application for patent in the United States; I hereby authorize and request any official whose duty it is to issue patents to issue any patent thereon to the United States of America, as represented by the Secretary of the Air Force, and his successors, as assignee of my entire right, title and interest in and to the same, for the sole use for the full term or terms for which said patents and any continuations, continuations-in-part, divisions and reissues or extensions thereof are, or may be, granted as fully and entirely as the same would have been held by us had this Assignment not been made; and I hereby agree to execute any and all applications for Letters Patent, and to furnish all data and documents and to execute any papers which may be necessary or convenient for the preparation, filing, or prosecution of such applications, except it is understood that I shall not be subject to any out-of-pocket expense relative to such action.



DONALD SETO

SIGNED and acknowledged before me this 16 day of September 2004, at GMU, Manassas, County of Prince William, and State of Virginia.

(Seal)



Notary Public

Expires January 31, 2008

ASSIGNMENT

WHEREAS I, Clark J. Tibbetts, while working for the Department of the Air Force pursuant to the Intergovernmental Personnel Act, made jointly with Brian K. Agan, Eric H. Hanson, Baochuan Lin, Robb K. Rowley, Russell P. Kruzelock, David A. Stenger, Jennifer Thornton, Dzung Thach, Elizabeth A. Walter, Donald Seto, Gary J. Vora, and Zheng Wang an invention entitled RE-SEQUENCING PATHOGEN MICROARRAY described in an application for Letters Patent of the United States serial no. 60/590,931 filed July 2, 2004;

WHEREAS, the conditions under which the joint invention was made are such as to entitle the Government of the United States under paragraph 1(a) of Executive Order 10096 and 37 CFR Part 501, to my entire right, title and interest therein, including foreign rights; and

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable considerations, I, Clark J. Tibbetts have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto the Government of the United States, as represented by the Secretary of the Air Force, my entire right, title and interest throughout the world in and to the aforesaid joint invention described in the aforesaid application for Letters Patent of the United States, and any and all applications for patent and patents in any and all countries foreign to the United States, and all Letters Patent issuing thereon and any continuations, continuations-in-part, divisions, and reissues or extensions thereof; and all priority resulting from the filing of the aforesaid application for patent in the United States; I hereby authorize and request any official whose duty it is to issue patents to issue any patent thereon to the United States of America, as represented by the Secretary of the Air Force, and his successors, as assignee of my entire right, title and interest in and to the same, for the sole use for the full term or terms for which said patents and any continuations, continuations-in-part, divisions and reissues or extensions thereof are, or may be, granted as fully and entirely as the same would have been held by us had this Assignment not been made; and I hereby agree to execute any and all applications for Letters Patent, and to furnish all data and documents and to execute any papers which may be necessary or convenient for the preparation, filing, or prosecution of such applications, except it is understood that I shall not be subject to any out-of-pocket expense relative to such action.


CLARK J. TIBBETTS

SIGNED and acknowledged before me this 18TH day of OCTOBER 2004, at
FALLS CHURCH, County of FARFAR, and State of VIRGINIA.

(Seal)


Notary Public

Embossed Hereon is My
Commonwealth of Virginia Notary Public Seal
My Commission Expires December 31, 2008
CATHERINE FISHER DE MARR

ASSIGNMENT

WHEREAS I, Russell P. Kruzelock, while working for the Department of the Air Force pursuant to the Intergovernmental Personnel Act, made jointly with Brian K. Agan, Eric H. Hanson, Baochuan Lin, Donald Seto, Robb K. Rowley, David A. Stenger, Jennifer Thornton, Dzung Thach, Elizabeth A. Walter, Clark J. Tibbetts, Gary J. Vora, and Zheng Wang an invention entitled RE-SEQUENCING PATHOGEN MICROARRAY described in an application for Letters Patent of the United States serial no. 60/590,931 filed July 2, 2004;

WHEREAS, the conditions under which the joint invention was made are such as to entitle the Government of the United States under paragraph 1(a) of Executive Order 10096 and 37 CFR Part 501, to my entire right, title and interest therein, including foreign rights; and

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable considerations, I, Russell P. Kruzelock have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto the Government of the United States, as represented by the Secretary of the Air Force, my entire right, title and interest throughout the world in and to the aforesaid joint invention described in the aforesaid application for Letters Patent of the United States, and any and all applications for patent and patents in any and all countries foreign to the United States, and all Letters Patent issuing thereon and any continuations, continuations-in-part, divisions, and reissues or extensions thereof; and all priority resulting from the filing of the aforesaid application for patent in the United States; I hereby authorize and request any official whose duty it is to issue patents to issue any patent thereon to the United States of America, as represented by the Secretary of the Air Force, and his successors, as assignee of my entire right, title and interest in and to the same, for the sole use for the full term or terms for which said patents and any continuations, continuations-in-part, divisions and reissues or extensions thereof are, or may be, granted as fully and entirely as the same would have been held by us had this Assignment not been made; and I hereby agree to execute any and all applications for Letters Patent, and to furnish all data and documents and to execute any papers which may be necessary or convenient for the preparation, filing, or prosecution of such applications, except it is understood that I shall not be subject to any out-of-pocket expense relative to such action.

 30 May 2007
RUSSELL P. KRUZELOCK

SIGNED and acknowledged before me this _____ day of _____ 2004, at _____, County of _____, and State of _____.

(Seal)

Notary Public