

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Theodora W. Salcedo	06/29/2006
Steven M. Ruben	06/24/2006
Craig R. Rosen	06/19/2006
Vivian R. Albert	06/24/2006

RECEIVING PARTY DATA

Name:	Human Genome Sciences, Inc.
Street Address:	14200 Shady Grove Road
City:	Rockville
State/Country:	MARYLAND
Postal Code:	20850

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11391384

CORRESPONDENCE DATA

Fax Number: (301)309-8439
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 240-314-4459
Email: marcy_rossell@hgsi.com
Correspondent Name: Marcy Rossell
Address Line 1: 14200 Shady Grove Road
Address Line 4: Rockville, MARYLAND 20850

ATTORNEY DOCKET NUMBER: PF550P2

NAME OF SUBMITTER: Joseph Schuller

Total Attachments: 9
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PATENT
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source=PF550P2_HGS_Assignment#page7.tif
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source=PF550P2_HGS_Assignment#page9.tif

RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

Theodora W. Salcedo (6/29/2006), Steven M. Ruben (6/24/2006), Craig A. Rosen (6/19/2006), Vivian R. Albert (6/24/2006)

Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No

2. Name and address of receiving party(ies)

Name: Human Genome Sciences, Inc.

Internal Address: _____

Street Address: _____

Intellectual Property Dept.
14200 Shady Grove Road

City: Rockville

State: Maryland

Country: United States of America Zip: 20850

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): in parentheses after inventor name

☒ Assignment ☐ Merger ☐ Change of Name

☐ Security Agreement ☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☐ Other _____

4. Application or patent number(s):

A. Patent Application No.(s)

11/391,384

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Kenley K. Hoover
HUMAN GENOME SCIENCES, INC.

Internal Address: Atty. Dkt.: PF550P2

Street Address: Intellectual Property Dept.
14200 Shady Grove Road

City: Rockville

State: MD Zip: 20850

Phone Number: (301) 610-5771

Fax Number: _____

Email Address: _____

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

☐ Authorized to be charged by credit card

☒ Authorized to be charged to deposit account

☐ Enclosed

☐ None required (government interest not affecting title)

8. Payment Information

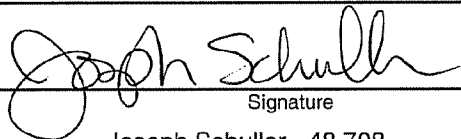
a. Credit Card Last 4 Numbers _____

Expiration Date _____

b. Deposit Account Number 08-3425

Authorized User Name Kenley K. Hoover

9. Signature:



Signature

Joseph Schuller - 48,708

Name of Person Signing

August 3, 2006

Date

Total number of pages including cover sheet, attachments, and documents:

9

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, each of the undersigned, **Theodora W. Salcedo, Steven M. Ruben, Craig A. Rosen, and Vivian R. Albert**, hereby sells, assigns, transfers, and sets over to **Human Genome Sciences, Inc. ("Assignee")** having a place of business at **14200 Shady Grove Road, Rockville, MD 20850**, its successors, assigns and legal representatives, his/her entire right, title and interest, including the right to sue and collect for all past, present and future damages, for the United States of America, including all its territories and possessions, and all other countries,

- (a) in and to the invention(s) known as **ANTIBODIES THAT IMMUNOSPECIFICALLY BIND TO TRAIL RECEPTORS** for which application(s) for patent in the United States of America has (have) been executed by the undersigned on even date herewith (also known as United States Application No. **11/391,384**, filed **March 29, 2006**), in any and all applications thereon, in any and all Patent(s) therefor, and
- (b) in any and all applications that claim the benefit of the patent application listed above in part (a), including continuing (continuation, divisional) applications, reissues, extensions, renewals and reexaminations of the patent application or patent therefor listed above in part (a), to the full extent of the term or terms for which patents issue, and
- (c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals, and examinations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

Each of the undersigned further agrees that said Assignee may apply for and receive patent(s) for said invention(s) in its own name; and agrees to execute all papers necessary in connection with said application(s) and any continuing application(s) (continuation, divisional, or continuation-in-part), substitutes, renewals, reissues, reexaminations, extensions, and all other patent applications on all such invention(s), including all rightful oaths, declarations, powers of attorney and other papers; and agrees to execute separate assignments in connection with such application(s) as the Assignee may deem necessary and expedient; and agrees to communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said invention(s) and the history thereof; and agrees to cooperate fully and completely with said Assignee, its successors, assigns, and representatives in securing, maintaining, and enforcing proper patent protection for said invention(s) and for vesting title to said invention(s) and all patent applications and all patents on said invention(s) in Assignee, its successors, assigns and representatives.

Each of the undersigned agrees to execute all papers necessary in connection with any interference that may be declared or litigation that may be instituted concerning the application(s) or patent(s) referred to above and to cooperate fully and completely with the Assignee, its successors, assigns, and representatives in obtaining evidence and going forward with such interference or litigation, including providing testimonial evidence.

Each of the undersigned hereby represents and warrants to Assignee, its successors, assigns and representatives that no assignment, grant, mortgage, license or other right or agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned and that full right to convey the same as expressed herein is possessed by the undersigned.

Each of the Practitioners at **Customer Number 22195** is hereby granted with full power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, this Assignment is executed by the undersigned on the date(s) opposite their signature(s):

Inventor's Signature: Theodora W. Salcedo Date: 29. Jun. 2006
Theodora W. Salcedo

Inventor's Signature: _____ Date: _____
Steven M. Ruben

Inventor's Signature: _____ Date: _____
Craig A. Rosen

Inventor's Signature: _____ Date: _____
Vivian R. Albert

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, each of the undersigned, **Theodora W. Salcedo, Steven M. Ruben, Craig A. Rosen, and Vivian R. Albert**, hereby sells, assigns, transfers, and sets over to **Human Genome Sciences, Inc.** ("Assignee") having a place of business at **14200 Shady Grove Road, Rockville, MD 20850**, its successors, assigns and legal representatives, his/her entire right, title and interest, including the right to sue and collect for all past, present and future damages, for the United States of America, including all its territories and possessions, and all other countries,

- (a) in and to the invention(s) known as **ANTIBODIES THAT IMMUNOSPECIFICALLY BIND TO TRAIL RECEPTORS** for which application(s) for patent in the United States of America has (have) been executed by the undersigned on even date herewith (also known as United States Application No. **11/391,384**, filed **March 29, 2006**), in any and all applications thereon, in any and all Patent(s) therefor, and
- (b) in any and all applications that claim the benefit of the patent application listed above in part (a), including continuing (continuation, divisional) applications, reissues, extensions, renewals and reexaminations of the patent application or patent therefor listed above in part (a), to the full extent of the term or terms for which patents issue, and
- (c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals, and examinations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

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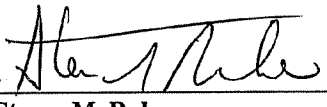
Each of the undersigned agrees to execute all papers necessary in connection with any interference that may be declared or litigation that may be instituted concerning the application(s) or patent(s) referred to above and to cooperate fully and completely with the Assignee, its successors, assigns, and representatives in obtaining evidence and going forward with such interference or litigation, including providing testimonial evidence.

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IN WITNESS WHEREOF, this Assignment is executed by the undersigned on the date(s) opposite their signature(s):

Inventor's Signature: _____ Date: _____
Theodora W. Salcedo

Inventor's Signature:  Date: 6/24/06
Steven M. Ruben

Inventor's Signature: _____ Date: _____
Craig A. Rosen

Inventor's Signature: _____ Date: _____
Vivian R. Albert

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, each of the undersigned, **Theodora W. Salcedo, Steven M. Ruben, Craig A. Rosen, and Vivian R. Albert**, hereby sells, assigns, transfers, and sets over to **Human Genome Sciences, Inc. ("Assignee")** having a place of business at **14200 Shady Grove Road, Rockville, MD 20850**, its successors, assigns and legal representatives, his/her entire right, title and interest, including the right to sue and collect for all past, present and future damages, for the United States of America, including all its territories and possessions, and all other countries,

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- (c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals, and examinations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

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Inventor's Signature: _____ Date: _____
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Inventor's Signature:  Date: 6/19/06
Craig A. Rosen

Inventor's Signature: _____ Date: _____
Vivian R. Albert

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Steven M. Ruben

Inventor's Signature: _____ Date: _____
Craig A. Rosen

Inventor's Signature: Vivian R. Albert Date: 6/24/06
Vivian R. Albert