

# U.S. PATENT AND TRADEMARK OFFICE

**BOX ASSIGNMENTS**  
Case Docket No. PF398P2

**U.S. DEPARTMENT OF COMMERCE**  
Patent and Trademark Office

**RECO**

03-28-2001

**ET**



To the Honorable  
Please record

101651091

ademarks.  
copy thereof.

1046 U.S. PTO  
 09/796844  
 03/02/01

1. Name of conveying party(ies):

Yanggu SHI  
Steven M. RUBEN

*3/02/01*

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

3. Nature of conveyance

☒ Assignment  
☐ Security Agreement  
☐ Other \_\_\_\_\_

☐ Merger  
☐ Change of Name

Execution Dates: March 2, 2001

2. Name and address of receiving party(ies):

Name: **Human Genome Sciences, Inc.**  
Street Address: **9410 Key West Avenue**  
City: **Rockville, Maryland 20850**

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

4. Title: **Interleukin 17 Receptor-Like Protein**

5. Application number (s) or patent numbers (s)

A. Patent Application No. (s)

*09796844*

If this document is being filed together with a new application,  
the execution date of the application is:

**March 2, 2001**

B. Patent No.  
Additional numbers attached?  
Yes ☐ No ☒

6. Name and address of party to whom correspondence concerning documents should be mailed:

**Human Genome Sciences, Inc.**  
**9410 Key West Avenue**  
**Rockville, Maryland 20850**  
**Telephone: 301-309-8504 Facsimile: 301-309-8439**

7. Total of applications and patents involved 1

8. Total Fee (37 CFR 3.41) ..... \$40.00

☐ Enclosed (By check in total of filing fee and Assignment Recordation Fee)  
☒ Authorized to be charged to Deposit Account

9. Deposit Account No. **08-3425** (Attached duplicated copy of this page if paying by deposit account)

10. If any additional fees due in connection with the recordation of this Assignment, please charge the same to Deposit No. **08-3425**

11. Statement and Signature  
The best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Joseph J. Kenny  
Name of Person Signing  
43,710

*Joseph J. Kenny*  
Signature

*March 2, 2001*  
Date

Registration No.

Total number of pages including cover sheet, attachment, and documents: **3**

**PATENT**  
**REEL: 011614 FRAME: 0180**

## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, each of the undersigned, **Yanggu SHI and Steven M. RUBEN**, hereby sells, assigns, transfers, and sets over to **Human Genome Sciences, Inc.** ("Assignee") having a place of business at 9410 Key West Avenue, 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 **Interleukin 17 Receptor-Like Protein** for which application(s) for patent in the United States of America has (have) been executed by the undersigned on 3/2/01 3/2/01 (also known as United States Application No. \_\_\_\_\_, and filed concurrently herewith), 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.

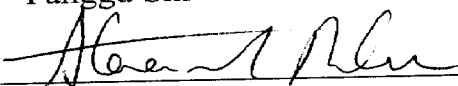
Each of the undersigned agrees to execute all papers necessary in connection with any interference that may be declared or litigation that may be instituted concerning the application(s) or patent(s) referred to above and to cooperate fully and completely with the Assignee, its successors, assigns, and 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 undersigned hereby grants the power to James H. Davis (Reg. No. 40,582), Kenley K. Hoover (Reg. No. 40,302), Michele M. Wales (Reg. No. 43,975), Jonathan L. Klein (Reg. No. 41,119), Mark H. Hyman (Reg. No. 46,789), and Joseph J. Kenny (Reg. No. 43,710) of Human Genome Sciences, Inc., 9410 Key West Avenue, Rockville, MD, 20850 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:  Date: 3/2/01  
Yanggu Shi

Inventor's Signature:  Date: 3/2/01  
Steven M. Ruben