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

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

## 1. Name of conveying party(ies):

Claire Dobson (08/19/2002), Tristan Vaughan  
(08/19/2002), and Cambridge Antibody Technology,  
Ltd. (08/20/2002)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: \_\_\_\_\_

9410 Key West Avenue

City: RockvilleState: MDZip: 20850Additional name(s) &  
address(es) attached:☐

Yes

☒

No

## 3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_Execution Date: see Box 1, conveying parties

## 4. Application number(s) or patent number(s):

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

A. Patent Application No.(s):

10/139,785

B. Patent No.(s): \_\_\_\_\_

Additional numbers attached?

☐

Yes

☒

No

5. Name and address of party to whom correspondence  
concerning document should be mailed:Name: Kenley K. Hoover  
HUMAN GENOME SCIENCES, INC.Internal Address: Atty. Dkt.: PF550Street Address:  
9410 Key West AvenueCity:  
RockvilleState:  
MDZip:  
208506. Total number of applications and  
patents involved: 17. Total fee (37 CFR 3.41) \$ 40.00☐

Enclosed

☒

Authorized to be charged to deposit account

☐Authorized to be charged to credit card  
(Form 2038 enclosed)

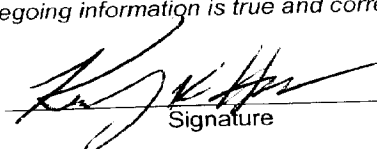
## 8. Deposit account number:

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## 9. Statement and signature.

*To 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.*Kenley K. Hoover - 40,302  
Name of Person Signing  
SignatureAugust 29, 2002  
DateTotal number of pages including cover sheet, attachments, and documents: 309/05/2002 TDI A21 00000188 083425 10139785  
01 FC:581 40.00 CHPATENT  
REEL: 013247 FRAME: 0682

## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, each of the undersigned, **Claire Dobson, and Tristan Vaughan ("Inventors")**, hereby sells, assigns, transfers, and sets over to **Cambridge Antibody Technology, Ltd.** having a place of business at The Science Park, Melbourn, Nr Royston, Cambridgeshire SG8 6JJ, United Kingdom, 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 known as **Antibodies That Immunospecifically Bind To TRAIL Receptors** for which application for United States Letters Patent was filed on May 7, 2002, and assigned U.S. Serial No. 10/139,785, 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 Cambridge Antibody Technology, Inc., 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 Inventors had this assignment and sale not been made.

For good and valuable consideration, the receipt of which is hereby acknowledged, **Cambridge Antibody Technology, Ltd.**, 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, its 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, in and to all of the rights, titles, and interests sold, assigned, transferred, and set over by the Inventors as set forth herein above.

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: C. Dobson Date: 19/8/02  
Claire Dobson

Inventor's Signature: Pristan Vaughan Date: 19/08/2002  
Pristan Vaughan

On behalf of Cambridge Antibody Technology, <sup>Ltd & Co</sup> ~~Inc.~~ 20/08/02

Signature: Diane Mellett

Name: Diane Mellett

Title: General Counsel

Date: August 20 2002