Form <b>PTO-1595</b> (Rev. 09/04) QMB No. 0651-0027 (cap. 6/30/2005)		U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office
	ATION FOR	M COVER SHEET
;	<b>ATENTS</b>	ONLY
To the Director of the U.S. Patent and Tradem :	Office. Please i	record the attached documents or the new address(es) below
1. Name of conveying party(les)/Execution	Date(s):	2. Name and address of receiving party(ies)
Cambridge Antibody Technology, Ltd		Name: Human Genome Sciences, Inc.
		Internal Address
Execution Date(s). May 26, 2005		Street Address:
Additional name(s) of conveying partyties) attached?	es x No	Later and December 19 and 19 a
3. Nature of Conveyance:		Intellectual Property Dept. 14200 Snady Grove Road
x Assignment Mergei		
Security Agreement Chang	if Name	City. Rockville
Government Interest Assignment		State. Maryland
Executive Order 9424 Confirmatory Licen		Country. United States of America Zip. 20850
Other		Additional name(s) & address(es) Yes X No
4. Application or patent number(5):		his document is being filed together with a new application.
A. Patent Application No.(s)	Ш,	B. Patent No.(s)
11/054.515		
Additional r L	nbers attached?	Yes X No
5 Name and address to whom corresponden a concerning document should be mailed:		6. Total number of applications and patents involved:
Name Kenley K. Hoover	E00	
HUMAN GENOME SCIEN	ES, INC.	7. Total fee (37 CFR 1 21(n) & 3 41) \$ 40.00
Internal Address, Atty, Dkt.: PF523P3 Street Address, Intellectual Property Det t		Authorized to be charged by credit card
14200 Shady Grove Ro: ເ		Authorized to be charged to deposit account
		Enclased
		None required (government interest not affecting title)
City Rockville		8. Payment Information
State MD Zip.	20850	a. Credit Card Last 4 Numbers
Phone Number (301) 610-57 '		Expiration Date b Deposit Account Number 08-3425
Email Address:		Authorized User Name Kenley K Hoover
9. Signature:		
Michele Sha:	<u>m</u>	June 24,2005
Michele Shannon		Total number of pages including cover 3
Name of Person Sign		sheet, attachments, and documents

**PATENT REEL: 016415 FRAME: 0710** 

## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, each of the undersigned, Tristan VAUGHAN ("Inventor") hereby sells, assigns, transfers, and sets over to Cambridge Antibody Technology, Ltd. ("CaT") having a particle of business at Milstein Building, Granta Park, Cambridge CB1 6GH, United Kingdom, its successors, a signs and legal representatives, his 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 s ANTIBODIES THAT IMMUNOSPECIFICALLY BIND TO BLYS for which an application is patent in the United States of America has been executed by the undersigned Inventor on even dat: herewith (also known as United States Application No. 11/054,515, filed February 10, 2005), in any 1 1 all applications thereon, in any and all Patent(s) therefor, and
- (b) in any and all applications that : 11m the benefit of the patent application listed above in part (a), including continuing (continuat (a), 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 patent; saue, and
- (c) in any and all inventions describe to 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 coast using applications, reissues, extensions, renewals, and examinations of such patent application, includes you 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.

For further good and valuable consi is ration, the receipt of which is hereby acknowledged, Cambridge Antibody Technology, Ltd. ("Assign to") hereby sells, assigns and transfers to Human Genome Sciences, Inc. ("Assignee") having a place of usiness at 14200 Shady Grove Road, Rockville, MD 20850, its successors, assigns and legal represent tives, its entire right, title and interest for the United States and all other countries in and to all of the right; titles, and interests sold, assigned, transferred, and set over by the Inventor as set forth herein above.

The Inventor and Cambridge Antibot? Technology, Ltd. each further agrees that 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) (communion, divisional, or continuation-in-part), substitutes, relevable, reassues, reassues, recommunications, extensions, and all other patent applications on all such invention(s), it cluding 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; it diagrees to communicate to Assignee, its successors, assigns, and representatives all facts known to the indersigned relating to said invention(s) and the history thereof; and agrees to cooperate fully and completely with 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 applies ions and all patents on said invention(s) in Assignee, its successors, assigns and representatives.

The Inventor and Cambridge Antibe 1. Technology, Ltd. each agrees to execute all papers necessary in connection with any interference that have be declared or litigation that may be instituted concerning the application(s) or patent(s) referred to bove and to cooperate fully and completely with the Assignee, its successors, assigns, and representative: in obtaining evidence and going forward with such interference or litigation, including providing testimo i all evidence.

Application No., 11/054,515 Page 1 of 2 Docket No.: PF523P3

The Inventor and Cambridge Antibod · fechnology, Ltd. each hereby represents and warrants to Assignee, its successors, assigns and represents the stat no assignment, grant, mortgage, because or other right or agreement affecting the rights and pill serty 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.

3013098439

The Inventor and Cambridge Antibody Technology, Ltd. each hereby grants the power to the Practitioners at Customer Number 22195 to insert or 1 as Assignment any further identification which may be necessary or desirable in order to comply with the initial so of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, this Assign a sent is executed by the undersigned on the date(s) opposite their

signature(s):

05:28pm

On behalf of Cambridge Antibody T a hnology, Ltd.:

Signature:

Name:

Title:

Date: \_

Docket No.: PF523P3 Page 2 of 2 Application No.: 11/054,515

PTO/SB/97 (09-04)

Approved for use through 07/31/2005 OMB 0651-0031
U. S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no person a graduled to respond to a collection of information unless it displays a valid OMB control number.

Application No. (if known): 11/054,515

Attorney Docket No.: PF523P3

## Certificate of Transmission under 37 CFR 1.8

	by certify that this corres Patent and Trademar :	condence is being facsimile transmitted to the United Diffice.	
on	June 24, 2005 Date	. <u> </u>	
	<u>z</u>	Signature	
Brenda Allen			
	Typed or a	nted name of person signing Certificate	
	N/A	(301) 340-3459	
Kegi	stration Number, if applic	Telephone Number	
Note:	Each paper must have redentify each submitted	il. own certificate of transmission, or this certificate must paper.	
	<ol> <li>Fax Cover She ;</li> <li>Recordation Fo ;</li> <li>(1 page);</li> </ol>	(1 page); i i Cover Sheet charging \$40.00 to deposit account	
	3. Assignment (C.	to HGS) (2 pages); and sismission (1 page).	

**PATENT REEL: 016415 FRAME: 0713** 

**RECORDED: 06/24/2005** 

FAX TRANSMIS	SION
<b>DATE</b> : June 24, 2005	
	her 11/054,515-Conf. #2493
MESSAGE TO: USPTO PTAS S: FAX NUMBER: (703) 306-5995	: :em
FROM: HUMAN GENOME Some Michele Shannon, Reg PHONE: (301) 354-3930 Attorney Dkt. #: PF523P3	
PAGES (Including Cover Sheet):  CONTENTS:  1. Fax Cover Sheet 2. Recordation For (1 page); 3. Assignment (Cover Sheet)	
collect call to sender at mail at the address below  This transmission is it is addressed, and may exempt from disclosur dissemination, distributhan the intended addressed.  [ntellectual Property Dept.]	ismission is in error, please notify this firm immediately by (301) 354-3930 and send the original transmission to us by return ended for the sole use of the individual and entity to whom it ontain information that is privileged, confidential and under applicable law. You are hereby notified that any ion or duplication of this transmission by someone other essee or its designated agent is strictly prohibited.  N GENOME SCIENCES, INC. 1200 Shady Grove Road, Rockville, Maryland 20850 1309-8504 Facsimile: (301) 309-8439

PATENT **REEL: 016415 FRAME: 0714**