m PTO-1595 (Rev 09/04)	U.S DEPARTMENT OF COMMERCE United States Patent and Trademark Office			
//B No 0651-0027 (exp. 6/30/2005) RECORDATION FOR				
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(res)/Execution Date(s):	2. Name and address of receiving party(ies)			
Kevin P. Baker (10/22/2004), Vivian R. Albert (11/09/2004), and Partha Chowdhury (11/29/2004)	Name. Human Genome Sciences, Inc.			
(11/03/2004), and 1 and 2/14/14/14/15	Internal Address:			
Execution Date(s): in parentheses after inventor name	Street Address.			
Additional name(s) of conveying party(ies) attached? Yes X No	Intellectual Property Dept. 14200 Shady Grove Road			
3. Nature of Conveyance:				
x Assignment Merger				
Security Agreement Change of Name	City: Rockyille			
Government Interest Assignment	State. Maryland			
Executive Order 9424, Confirmatory License	Country. United States of America Zip 20850			
Other	Additional name(5) & address(es) Yes X No aπached:			
Additional numbers attached	g? Yes X No			
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:			
Name. Kenley K, Hoover	7. Total fee (37 CFR 1 21(h) & 3.41) \$ 40.00			
HUMAN GENOME SCIENCES, INC.	Authorized to be charged by credit card			
Internal Address. Atty. Okt.: PF584P1 Street Address: Intellectual Property Dept.	X Authorized to be charged to deposit account			
14200 Shady Grove Road	Enclosed			
	None required (government interest not affecting title)			
City. Rockville State MD Zip: 20850	8. Payment Informationa Credit Card Last 4 Numbers			
State. MD Zip: 20850 Phone Number: (301) 610-5771	a Credit Card Last 4 Numbers			
Fax Number:	b. Deposit Account Number 08-3425			
Email Address:	Authorized User Name Kentley K. Hoover			
9. Signature:				
1 Kth	January 7, 2005 Date			
Kaglay K. Hagyer 40 302	Total number of pages including cover 6			
Kenley K. Hoover - 40,302 Name of Person Signing	sheet, attachments, and documents			

PATENT REEL: 015561 FRAME: 0456

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, each of the undersigned, Kevin P. Baker, Vivian R. Albert, and Partha Chowdhury, 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 known as Antibodies That Specifically Bind to GMAD, for which application for United States Letters Patent was filed on September 8, 2004, and assigned U.S. Application No. 10/935,290, in any and all applications thereon, in any and all Patent(s) therefor,
- (b) in any and all applications that claim the benefit of the patent application listed above in part (a), including commung (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 commung 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 Assigned, 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 lingation, including providing testimonial evidence.

Appl. No. 10/935,290 **PATENT**

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:_	//. N. PM/	Date: 10/22/04
**************************************	Kevin P. Baker	, ,
Inventor's Signature.	dwan Rolled	Date: 11/9/04
	Vivian R. Albert	
Inventor's Signature:_		Date:
	Partha Chowdhury	

02:58pm

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, each of the undersigned, Kevin P. Baker, Vivian R. Albert, and Partha Chowdhury, 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 enure 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 Specifically Bind to GMAD, for which application for United States Letters Patent was filed on September 8, 2004, and assigned U.S. Application No. 10/935,290, in any and all applications thereon, in any and all Patent(s) therefor,
- (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 ouths, 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.

Appl. No. 10/935,290 **PATENT**

REEL: 015561 FRAME: 0459

02:58pm

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:		Date:	
1117444404 3 01514444	Kevin P. Baker		
Inventor's Signature: Vivian R. Albert		Date:	
	Vivian R. Albert		
Inventor's Signature:	Partha Chowdhury	Date: 11-251-04	

Appl No. 10/935,290 **PATENT**

RECORDED: 01/07/2005