FORM PTC-1595 REC 1.1.0	Page 1 of
(Rev. 6-93) 7 1 - O	2 - 2000 ET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
1. Name of conveying party(ies): Kenneth Jacobs Lynette Fouser Vikki Spaulding Dejun Xuan	Name and address of receiving party(ies)  Name: Genetics Institute, Inc.
Additional name(s) of conveying party(ies) attached? □Yes ☑ No	Street Address: 87 CambridgePark Drive
Nature of conveyance	On Combridge Of the MA TIP COA40
☑ Assignment ☐ Merger	City: Cambridge State: MA ZIP: 02140
☐ Security Agreement ☐ Change of Name	Additional name(s) & address(es) attached? ☐ Yes ☑ No
□ Other	
Execution Date: 8/31/00; 9/6/00; 9/1/00; 9/22/00	<b>.</b>
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application, the	he execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
09/561,811 Additional numbers atta	ached? 🗆 Yes 🗆 No
Name and address of party to whom correspondence	6. Total number of applications and patents involved:
concerning document should be mailed:	1
Name: Amy E. Mandragouras, Esq.	7. Total fee (37 CFR 3.41)\$ \$40.00
Internal Address: Lahive & Cockfield, LLP	⊠ Enclosed
	☐ Authorized to be charged to deposit account
Street Address: 28 State Street	8. Deposit account number:
City: Boston State: MA ZIP: 02109	12-0080
DO NOT USE	THIS SPACE
9. Statement and signature.  To the best of my knowledge and belief, the foregoing information the original document.  Peter C. Lauro, Esq.  Name of Person Signing  Total number of pages including covered.	Chauco October 13, 2000 Signature Date
	er sheet, attachments, and document.

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks, Box Assignments
Washington, D.C. 20231

11/01/2000 GTDN11 00000197 09561811

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PATENT REEL: 011188 FRAME: 0742

## **ASSIGNMENT**

We, Kenneth Jacobs, Lynette Fouser, Vikki Spaulding, and Dejun Xuan, in consideration of One Dollar and other valuable consideration paid to us by

Genetics Institute, Inc.

a corporation of Delaware, having its principal place of business at 87 CambridgePark Drive, Cambridge, MA 02140, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

Genetics Institute, Inc.

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

HUMAN GIL/AE289 PROTEINS AND POLYNUCLEODINES ENCODING SAME described in an application

- executed by us of even date herewith and about to be filed
- Serial No. 09/561,811, filed on April 28, 2000

in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

WITNESS my hand and seal this 31 day of Aug, 2000.

By: Kenneth Jacobs
Kenneth Jacobs

State of MASSACHUSETTS)

)ss

County of MIDDLESEX

Then personally appeared the above named Kenneth Jacobs and acknowledged the foregoing instrument to be his/her free act and deed, before me, this 31 day of August, 2000.

Notary Public

My commission expires: 10/27/66

Notary Public

Notary Public

Commonwealth of Massachusetts

My Commission Expires

October 27, 2006

PATENT REEL: 011188 FRAME: 0743

By: Lynette Fouser
State of MASSACHUSETTS ) )ss County of MIDDLESEX )
Then personally appeared the above named Lynette Fouser and acknowledged the foregoing instrument to be his/her free act and deed, before me, this the day of the day of the day of the length of Massachusetts My Commission Expires October 27, 2006  DIANA E. GENTILE Notary Public  Commonwealth of Massachusetts My Commission Expires October 27, 2006  My commission expires: 10/2 1/2006
WITNESS my hand and seal this day of 5 eptember, 2000.  By: Vikhi Vikki Spaulding
State of MASSACHUSETTS)  (Section of MIDDLESEX)  Then personally appeared the above named Vikki Spaulding and acknowledged the foregoing instrument to be his/her free act and deed, before me, thisist day ofseptenter, 2000.  (My commission expires:io/_27/o6)

WITNESS my hand and seal this 6 day of Systembus, 2000.

DIANA E. GENTILE
Notary Public
Commonwealth of Massachusetts
My Commission Expires
October 27, 2006

**PATENT** 

**REEL: 011188 FRAME: 0744** 

WITNESS my hand and seal this 22nd day of	pept. , 2000.
Ву	Dejun Xuan
State of MASSACHUSETTS) )ss	
County of MIDDLESEX )	
Then personally appeared the above named Dejun Xuan and act to be his/her free act and deed, before me, this 22. day of	eknowledged the foregoing instrument
No	arole M. Baines tary Public
Му	commission expires:
	CAROLE N. BARNES NOTARY PUBLIC STATE OF MISSOURI ST. LOUIS COUNTY MY COMMISSION EXP. JUNE 21, 2003

**RECORDED: 10/16/2000** 

PATENT REEL: 011188 FRAME: 0745