**Name of conveying party(ies):**

A. Alexandra Glucksmann  
Keith Robison

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

**Nature of conveyance**

☐ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other ____________________________________________

Execution Date: April 27 and 23, 1998, respectively.

**Name and address of receiving party(ies)**

Name: Millennium Pharmaceuticals, Inc.

Internal Address: ____________________________________________

Street Address: 620 Memorial Drive

City: Cambridge State: MA ZIP: 02142

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

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

   A. Patent Application No(s)  
   09/013,634

   Additional numbers attached? ☐ Yes ☐ No

   B. Patent No(s)

5. Name and address of party to whom correspondence concerning document should be mailed:

   Name: Giulio A. DeConi, Jr., Esq.
   Address: Lahive & Cockfield, LLP
   Street Address: 28 State Street
   City: Boston State: MA ZIP: 02109

6. Total number of applications and patents involved: [ ]

7. Total fee (37 CFR 3.41) $40.00

   ☐ Enclosed
   ☐ Authorized to be charged to deposit account

8. Deposit account number: 12-0080


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.

Elizabeth A. Hanley  
Name of Person Signing  
Signature  
Date 5/8/98

Total number of pages including cover 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

PATENT  
REEL: 9165 FRAME: 0315
ASSIGNMENT

We, M. Alexandra Glucksman of Lexington, MA and Keith Robison of Wilmington, MA, in consideration of One Dollar and other valuable consideration paid to us by

Millennium Pharmaceuticals, Inc.

a corporation of Delaware, having its principal place of business at 620 Memorial Drive, Cambridge, MA 02142 the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

Millennium Pharmaceuticals, 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

LIGAND RECEPTORS AND USES THEREFOR

described in an application

___executed by us of even date herewith and about to be filed

X Serial No. 09/013,634, filed on January 26, 1998

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 27th day of April, 1998.

By: ____________________________

M. Alexandra Glucksman

State of Massachusetts

County of Middlesex

Then personally appeared the above named M. Alexandra Glucksman and acknowledged the foregoing instrument to be his/her free act and deed, before me, this 27th day of April, 1998.

Christine Schultz

Notary Public

My commission expires Jan 4, 2003

-2-
Box Assignment
Commissioner of Patents and Trademarks
Washington, D.C. 20231

Re: U.S. Patent Application No.: 09/013,634
Ligand Receptors and Uses Therefor
Inventors: M. Alexandra Glucksman and Keith Robison
Filed: January 26, 1998
Our Ref. No.: MNI-036

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. Executed Assignment to Millennium Pharmaceuticals, Inc;
2. Recordation Form Cover Sheet; and
3. Check for $40.00.

Please charge any necessary fees to our Deposit Account No. 12-0080. The undersigned requests any extensions of time necessary to respond. A duplicate of this sheet is enclosed.

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Box Assignment, Washington, DC 20231 on:

5/19/98

Date

Elizabeth A. Hanley. Reg. No. 33,505

Respectfully submitted,

LAHIVE & COCKFIELD, LLP

Elizabeth A. Hanley
Reg. No. 33,505
Attorney for Applicant
Box Assignment
Commissioner of Patents and Trademarks
Washington, D.C. 20231

Re:  U.S. Patent Application No.: 09/013,634
Ligand Receptors and Uses Therefor
Inventors: M. Alexandra Glucksmann and Keith Robison
Filed: January 26, 1998
Our Ref. No.: MNI-036

May 8, 1998

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. Executed Assignment to Millennium Pharmaceuticals, Inc;
2. Recodation Form Cover Sheet; and
3. Check for $40.00.

Please charge any necessary fees to our Deposit Account No. 12-0080. The undersigned requests any extensions of time necessary to respond. A duplicate of this sheet is enclosed.

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Box Assignment, Washington, D.C. 20231 on:

5/19/98

Date

Respectfully submitted,

LAHIVE & COCKFIELD, LLP

Elizabeth A. Hanley, Reg. No. 33,545
Attorney for Applicant

RECORD: 05/08/1998