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OMB No. 0651-0011 (exp. 4/94)

Patent and Trademark Office

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To the Honorable Commissioner of Patents and

its or copy thereof.

1. Name of conveying party(ies):

Susan L. Acton
Keith E. Robison
Frank Y. Hsieh

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

2/16/99

3. Nature of conveyance:

(x) Assignment

() Merger

() Security Agreement

() Change of Name

() Other

Execution Date: December 15, 1998 and January 18, 1999

2. Name and address of receiving party(ies)

Name: Millennium Pharmaceuticals, Inc.

Internal Address: Chief Patent Counsel

Street Address: 640 Memorial Drive

City: Cambridge State: MA Zip: 02142

Additional name(s) & address(es) attached? () Yes (x) No

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)

Application Serial No. 09/163,648 filed Sept. 30, 1998

B. Patent No.(s)

09/163,648

Additional numbers attached? () Yes (x) No

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

Name: Patent Group

Internal Address: Foley, Hoag & Eliot LLP

Street Address: One Post Office Square

City: Boston State: MA ZIP: 02109-2170

6. Total number of applications and patents involved: ()

7. Total fee (37 CFR 3.41).....\$ 40.00

(X) Enclosed

AOE

() Authorized to be charged to deposit account

8. Deposit account number:

06-1448

(Attached duplicate copy of this page if paying by deposit account)

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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.

Beth E. Arnold, Reg. No. 35,430

Name of Person Signing and Reg. No.

Signature

Date

2/16/99

Total number of pages including cover sheet, attachments, and document: (4)

Mail documents to be recorded with required covered sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

ASSIGNMENT

We, Susan L. Acton of Lexington, Massachusetts, Keith E. Robison of Wilmington, Massachusetts, and Frank Y. Hsieh of Lexington Massachusetts, 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 640 Memorial Drive, Cambridge, MA , the receipt of which is hereby acknowledged, to 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

Angiotensin Converting Enzyme Homolog and Therapeutic and Diagnostic Uses Therefor

described in an application

X Serial No. 09/163,648, filed on September 30, 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 my 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 15th day of December, 1998.

By: Susan L. Acton
Susan L. Acton

The Commonwealth of Massachusetts)
County of Middlesex)ss

Then personally appeared the above named Susan L. Acton and acknowledged the foregoing instrument to be her free act and deed, before me, this 15th day of December, 1998.

Theodore R. Allen

Notary Public

My commission expires:

Theodore R. Allen
Notary Public
My Commission Expires Nov 13, 2003

WITNESS my hand and seal this 18th day of January, 1999.

By: Keith E. Robison
Keith E. Robison

The Commonwealth of Massachusetts)
County of Middlesex)ss

Then personally appeared the above named Keith E. Robison and acknowledged the foregoing instrument to be his free act and deed, before me, this 18th day of January, 1999.

Simone L. Corriveau

Notary Public Simone L. Corriveau

My commission expires: 9/2/99

WITNESS my hand and seal this 18 day of January, 1999.

By: 

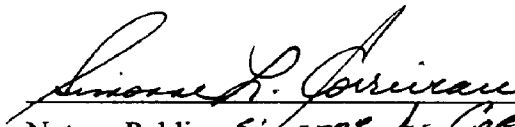
Frank Y. Hsieh

The Commonwealth of Massachusetts)

)ss

County of Middlesex)

Then personally appeared the above named Frank Y. Hsieh and acknowledged the foregoing instrument to be his free act and deed, before me, this 18th day of January, 1999.


Notary Public Simone L. Corriveau
My commission expires: 9/2/99