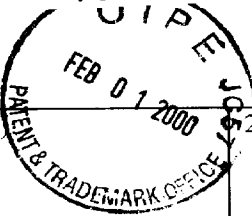


03-06-2000

SHEET



101282115



MD
2-1-00

Assistant Commissioner for Pa. ---
Box Assignments
Washington, D.C. 20231

Attorney Docket No. 4135-103

1. A. Name of conveying party(ies):
Susan K. Keay
Michael K. Hise
John W. Warren
- B. Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No
2. A. Name and address of receiving party(ies):
University of Maryland, Baltimore
520 Lombard Street
Baltimore, MD 21201
- B. Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. A. Nature of conveyance:

☒ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name

☐ Other: _____

B. Execution Date: _____

4. A. If this document is being filed together with a new application, the execution date of the application is: _____

B. Patent Application No.(s)

09/109,548 filed July 2, 1998

C. Patent No.(s)

D. Additional numbers attached? ☐ Yes ☒ No

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

Name: Steven J. Hultquist
Address: Intellectual Property/Technology Law
P.O. Box 14329
Research Triangle Park, NC 27709

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

☒ Enclosed (Check No. 6695)

☐ Authorized to be charged to deposit account No.

6. Total number of applications and patents involved: 1

8. Credit any overpayment or charge any underpayment to Deposit Account Number 08-3284 of Intellectual Property/Technology Law.

DO NOT USE THIS SPACE

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.

STEVEN J. HULTQUIST
Registration No. 28,021

Date February 1, 2000

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

03/03/2000 0002/03/00 01 FC:581

PATENT

REEL: 010578 FRAME: 0800

ASSIGNMENT

Whereas, I,

Susan K. Keay
3117 Story Book Court
Ellicott City, Maryland
21042

hereinafter called assignor, have co-invented certain improvements in:

**Heparin-Binding Epidermal Growth Factor-Like Growth Factor in the
Diagnosis of Interstitial Cystitis**

and executed U.S. Non-Provisional Patent Application Serial No. 09/109,548,
filed July 2, 1998, which claims priority to U.S. Provisional Patent Application Serial
No. 60/051,458 filed July 1, 1997 (Attorney Docket No. 1394SK), for Letters Patent of
the United States of America; and

Whereas, UNIVERSITY OF MARYLAND, BALTIMORE, 520 Lombard Street,
Baltimore, Maryland 21201 (assignee), desires to acquire my entire right, title, and interest
in the application and invention, and to any United States and foreign patents to be obtained
therefor;

Now therefore, for One Dollar (\$1.00) and other valuable consideration, receipt
whereof is hereby acknowledge.

I, the above named assignor(s), hereby sell, assign, and transfer to the above named
assignee, its successors and assigns, my entire right, title and interest in the application and
the invention disclosed therein for the United States of America and all countries foreign
thereto, including rights of priority under the International convention of Paris (1883) as
amended, and I request the Commissioner of Patents to issue any Letters Patent granted
upon the invention set forth in the application to the assignee, its successors and assigns;
and I hereby agree that the assignee may apply for foreign Letters Patent on the invention
and I will execute without further consideration all papers deemed necessary by the
assignee in connection with the United States and foreign applications when called upon to
do so by the assignee.

Signed and sealed

Susan K. Keay 7/1/98
Susan K. Keay Date

City State of Maryland
County of Baltimore
Subscribed and sworn to before me this 1st day of July 1998.

Dorothy C. Edwards
Notary Public

(Legalization-notarization not required for recording but is *prima facie* evidence of
execution under 35 U.S.C. § 261).

ASSIGNMENT

Whereas, I,

Michael K. Hise
6379 Saddle Drive
Columbia, Maryland
21045

hereinafter called assignor, have co-invented certain improvements in:

**Heparin-Binding Epidermal Growth Factor-Like Growth Factor in the
Diagnosis of Interstitial Cystitis**

and executed U.S. Non-Provisional Patent Application Serial No. 09/109,548,
filed July 2, 1998, which claims priority to U.S. Provisional Patent Application Serial
No. 60/051,458 filed July 1, 1997 (Attorney Docket No. 1394SK), for Letters Patent of
the United States of America; and

Whereas, UNIVERSITY OF MARYLAND, BALTIMORE, 520 Lombard Street,
Baltimore, Maryland 21201 (assignee), desires to acquire my entire right, title, and interest
in the application and invention, and to any United States and foreign patents to be obtained
therefor;

Now therefore, for One Dollar (\$1.00) and other valuable consideration, receipt
whereof is hereby acknowledge.

I, the above named assignor(s), hereby sell, assign, and transfer to the above named
assignee, its successors and assigns, my entire right, title and interest in the application and
the invention disclosed therein for the United States of America and all countries foreign
thereto, including rights of priority under the International convention of Paris (1883) as
amended, and I request the Commissioner of Patents to issue any Letters Patent granted
upon the invention set forth in the application to the assignee, its successors and assigns;
and I hereby agree that the assignee may apply for foreign Letters Patent on the invention
and I will execute without further consideration all papers deemed necessary by the
assignee in connection with the United States and foreign applications when called upon to
do so by the assignee.

Signed and sealed

Michael K. Hise 7/1/98
Michael K. Hise Date

State of Maryland
County of Baltimore
Subscribed and sworn to before me this 1 day of July 1998.

Doreen De Lebera
Notary Public

(Legalization-notarization not required for recording but is *prima facie* evidence of
execution under 35 U.S.C. § 261).

Attorney Docket No.: 1394SK
First Named Inventor: KEAY

ASSIGNMENT

Whereas, I,

John W. Warren
2106 South Road
Baltimore, Maryland
21209

hereinafter called assignor, have co-invented certain improvements in:

**Heparin-Binding Epidermal Growth Factor-Like Growth Factor in the
Diagnosis of Interstitial Cystitis**

and executed U.S. Non-Provisional Patent Application Serial No. 09/109,548,
filed July 2, 1998, which claims priority to U.S. Provisional Patent Application Serial
No. 60/051,458 filed July 1, 1997 (Attorney Docket No. 1394SK), for Letters Patent of
the United States of America; and

Whereas, UNIVERSITY OF MARYLAND, BALTIMORE, 520 Lombard Street,
Baltimore, Maryland 21201 (assignee), desires to acquire my entire right, title, and interest
in the application and invention, and to any United States and foreign patents to be obtained
therefor;

Now therefore, for One Dollar (\$1.00) and other valuable consideration, receipt
whereof is hereby acknowledge.

I, the above named assignor(s), hereby sell, assign, and transfer to the above named
assignee, its successors and assigns, my entire right, title and interest in the application and
the invention disclosed therein for the United States of America and all countries foreign
thereto, including rights of priority under the International convention of Paris (1883) as
amended, and I request the Commissioner of Patents to issue any Letters Patent granted
upon the invention set forth in the application to the assignee, its successors and assigns;
and I hereby agree that the assignee may apply for foreign Letters Patent on the invention
and I will execute without further consideration all papers deemed necessary by the
assignee in connection with the United States and foreign applications when called upon to
do so by the assignee.

Signed and sealed



John W. Warren

7/1/98

Date

State of

County of

Subscribed and sworn to before me this 1st day of July, 1998.



Notary Public

(Legalization-notarization not required for recording but is *prima facie* evidence of
execution under 35 U.S.C. § 261).

Robert F. Mitchell, Jr., Notary Public
Harford County
State of Maryland
My Commission Expires March 22, 2000