

Docket No.: APL-0006

FORM PTO-1596 (Modified)  
(Rev. 03-01)  
OMB No. 0651-0027 (exp. 5/5/2002)  
POBA/REV03

## RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

## PATENTS ONLY

Tab settings → → → ▼ ▼ ▼ ▼ ▼ ▼ ▼

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Avinash Phadke  
Jesse Quinn  
Junko Ohkanda  
Andrew Thurkauf

Additional names(s) of conveying party(ies)

☒ Yes ☐ No

## 2. Name and address of receiving party(ies):

Name: Achillion Pharmaceuticals, Inc.Address: 300 George Street

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_City: New HavenState/Prov.: CTCountry: USAZIP: 06511Execution Date: 9/29/04; 9/29/04; 10/04/04; 09/29/04

Additional name(s) &amp; address(es)

☐ Yes☒ No

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

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

Patent Application No.

Filing date

B. Patent No.(s)

10/887,227July 8, 2004

Additional numbers

☐ Yes ☒ No

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

Name: Leslie-Anne HorvathRegistration No. 44,778Address: Cantor Colburn LLP55 Griffin Road SouthCity: BloomfieldState/Prov.: CTCountry: USAZIP: 06002

## 6. Total number of applications and patents involved:

17. Total fee (37 CFR 3.41):.....\$ 40.00☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☒ Authorized to be charged to deposit account

## 8. Deposit account number:

06-1130

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

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.

Leslie-Anne Horvath

Name of Person Signing



Signature

October 19, 2004

Date

6

Total number of pages including cover sheet, attachments, and

Mail documents to be recorded with required cover sheet information to:  
Mail Stop Assignment Recordation Services  
Director of the United States Patent and Trademark  
P.O. Box 1450, Alexandria, VA 22313-1450

PATENT

REEL: 015262 FRAME: 0779

700124044

CH \$40.00 061130 10887227

API-0006

RECORDATION COVER SHEET  
**PATENTS ONLY**  
(ADDITIONAL INVENTORS)

<u>Name of Conveying Party</u>	<u>Execution Date</u>
Yiping Shen	09/30/04
Cuixian Liu	09/29/04
Dawei Chen	09/30/04
Shouming Li	09/29/04

API-0006

ASSIGNMENT

WHEREAS We, Avinash Phadke of 62 Montoya Drive, Branford, CT 06405, in the County of New Haven; Jesse Quinn of 55 Alden Road, Windsor, CT 06095 County of Hartford; Junko Ohkanda of 2-13-29 Gakuennishi-machi, Kodaira, Tokyo Japan 187-0045; Andrew Thurkauf of 163 Keeler Drive, Ridgefield, CT 06877 in the County of Fairfield; Yiping Shen of 92 Village Lane, Branford, CT 06405 in the County of New Haven; Cuixian Liu of 4 Stone Ridge Lane, Branford, CT 06405 in the County of New Haven; Dawei Chen of 158 Saddle Hill Drive, Middletown, CT 06457 in the County of Middlesex; and Shouming Li of 6 Brookfield Court, Cheshire, CT 06410 in the County of New Haven (hereinafter "ASSIGNORS") have invented certain new and useful improvements in:

**SUBSTITUTED ARYLTHIOUREA DERIVATIVES USEFUL  
AS INHIBITORS OF VIRAL REPLICATION**

for which we have filed application for Letters Patent of the United States on July 8, 2004, U.S. Patent Application No. 10/887,227; which claims priority from U.S. Provisional Patent Application Nos. 60/486,697 filed on July 10, 2003; 60/496,146 filed on August 18, 2003; 60/506,699 filed on September 26, 2003; and 60/509,995 filed on October 8, 2003

AND WHEREAS, ACHILLION PHARMACEUTICALS, INC., a corporation organized and existing under the laws of the State of Delaware, having a place of business at 300 George Street, New Haven, Connecticut 06511, is desirous of acquiring an interest in the United States and all foreign countries, in and to the said invention and Letters Patent to be obtained therefore;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and sufficient consideration the, receipt of which is hereby acknowledged, We, the said ASSIGNORS; have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto the said ACHILLION PHARMACEUTICALS, INC., the entire right, title and interest in and to said invention in the United States and in all foreign countries, including priority rights, as fully set forth and described in said application; and We do hereby authorize and request the Commissioner of Patents to issue said Letters Patent on said application, and any and all Letters Patent that may be issued upon any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof, to the said ACHILLION PHARMACEUTICALS, INC., an assignee of the entire right, title and interest in and to the same, for the sole use and behoof of ACHILLION PHARMACEUTICALS, INC., its successors and assigns; and We do hereby agree that the said ACHILLION PHARMACEUTICALS, INC., may apply for foreign Letters Patent on said invention and that We will execute all papers necessary in connection with the United States and foreign applications when called upon to do

API-0006

so by the said ACHILLION PHARMACEUTICALS, INC., its successors or assigns, and that We will, at the cost and expense of the said ACHILLION PHARMACEUTICALS, INC., fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

The undersigned declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 9/29/04 Avinash Phadke L.S.  
Avinash Phadke

Date: 9/29/04 Jesse Quinn L.S.  
Jesse Quinn

Date: \_\_\_\_\_ \_\_\_\_\_ L.S.  
Junko Ohkanda

Date: 9/29/04 Andrew Thurkauf L.S.  
Andrew Thurkauf

Date: 9/30/04 Yiping Shen L.S.  
Yiping Shen

Date: 9/29/04 Cuixian Liu L.S.  
Cuixian Liu

Date: 9/30/04 Dawei Chen L.S.  
Dawei Chen

Date: 9/29/04 Shouming Li L.S.  
Shouming Li

API-0006

ASSIGNMENT

WHEREAS We, Avinash Phadke of 62 Montoya Drive, Branford, CT 06405, in the County of New Haven; Jesse Quinn of 55 Alden Road, Windsor, CT 06095 County of Hartford; Junko Ohkanda of 2-13-29 Gakuennishi-machi, Kodaira, Tokyo Japan 187-0045; Andrew Thurkauf of 163 Keeler Drive, Ridgefield, CT 06877 in the County of Fairfield; Yiping Shen of 92 Village Lane, Branford, CT 06405 in the County of New Haven; Cuixian Liu of 4 Stone Ridge Lane, Branford, CT 06405 in the County of New Haven; Dawei Chen of 158 Saddle Hill Drive, Middletown, CT 06457 in the County of Middlesex; and Shouming Li of 6 Brookfield Court, Cheshire, CT 06410 in the County of New Haven (hereinafter "ASSIGNORS") have invented certain new and useful improvements in:

**SUBSTITUTED ARYLTHIOUREA DERIVATIVES USEFUL  
AS INHIBITORS OF VIRAL REPLICATION**

for which we have filed application for Letters Patent of the United States on July 8, 2004, U.S. Patent Application No. 10/887,227; which claims priority from U.S. Provisional Patent Application Nos. 60/486,697 filed on July 10, 2003; 60/496,146 filed on August 18, 2003; 60/506,699 filed on September 26, 2003; and 60/509,995 filed on October 8, 2003

AND WHEREAS, ACHILLION PHARMACEUTICALS, INC., a corporation organized and existing under the laws of the State of Delaware, having a place of business at 300 George Street, New Haven, Connecticut 06511, is desirous of acquiring an interest in the United States and all foreign countries, in and to the said invention and Letters Patent to be obtained therefore;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and sufficient consideration the, receipt of which is hereby acknowledged, We, the said ASSIGNORS; have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto the said ACHILLION PHARMACEUTICALS, INC., the entire right, title and interest in and to said invention in the United States and in all foreign countries, including priority rights, as fully set forth and described in said application; and We do hereby authorize and request the Commissioner of Patents to issue said Letters Patent on said application, and any and all Letters Patent that may be issued upon any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof, to the said ACHILLION PHARMACEUTICALS, INC., an assignee of the entire right, title and interest in and to the same, for the sole use and behoof of ACHILLION PHARMACEUTICALS, INC., its successors and assigns; and We do hereby agree that the said ACHILLION PHARMACEUTICALS, INC., may apply for foreign Letters Patent on said invention and that We will execute all papers necessary in connection with the United States and foreign applications when called upon to do

API-0006

so by the said ACHILLION PHARMACEUTICALS, INC., its successors or assigns, and that We will, at the cost and expense of the said ACHILLION PHARMACEUTICALS, INC., fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

The undersigned declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: \_\_\_\_\_ L.S.  
Avinash Phadke

Date: \_\_\_\_\_ L.S.  
Jesse Quinn

Date: OCT. 4th 2004 L.S.  
  
Junko Ohkanda

Date: \_\_\_\_\_ L.S.  
Andrew Thurkauf

Date: \_\_\_\_\_ L.S.  
Yiping Shen

Date: \_\_\_\_\_ L.S.  
Cuixian Liu

Date: \_\_\_\_\_ L.S.  
Dawei Chen

Date: \_\_\_\_\_ L.S.  
Shouming Li