

PATENT ASSIGNMENT

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Barton James Bradbury	04/27/2010
Milind Deshpande	05/05/2010
Akihiro Hashimoto	04/27/2010
Ha Young Kim	03/30/2010
Edlaine Lucien	03/26/2010
Godwin Pais	04/27/2010
Michael Pucci	05/05/2010
Qiuping Wang	05/03/2010
Jason Allan Wiles	04/27/2010
Avinash Phadke	04/07/2010

RECEIVING PARTY DATA

Name:	Achillion Pharmaceuticals, Inc.
Street Address:	300 George Street
City:	New Haven
State/Country:	CONNECTICUT
Postal Code:	06511

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12754057

CORRESPONDENCE DATA

Fax Number: (860)286-0115

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Email: jnunes@cantorcolburn.com

Correspondent Name: CANTOR COLBURN, LLP

Address Line 1: 20 Church Street

OP \$40.00 12754057

501169755

PATENT  
REEL: 024350 FRAME: 0702

Address Line 2: 22nd Floor  
Address Line 4: Hartford, CONNECTICUT 06103

ATTORNEY DOCKET NUMBER: API0054US2

NAME OF SUBMITTER: Leslie-Anne Maxwell

Total Attachments: 7  
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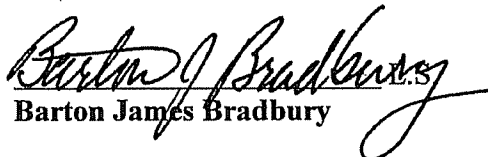
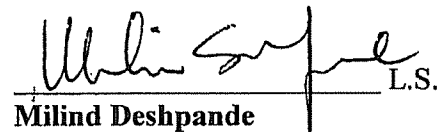
WHEREAS We, **Barton James Bradbury** of 10 Terrell Farms Way, Wallingford, CT; **Milind Deshpande** of 44 Field Brook Road, Madison, CT; **Akihiro Hashimoto** of 130 Montoya Drive, Branford, CT; **Ha Young Kim** of 294 Greenwood Drive, Cheshire, CT; **Edlaine Lucien** of 32 Trumbull Street, New Haven, CT; **Godwin Pais** of 2 Kaye Plaza, Apt. E1, Hamden, CT; **Michael Pucci** of 182 Stockings Brook Road, Kensington, CT; **Qiuping Wang** of 79 Carriage Drive, Bethany, CT; **Jason Allan Wiles** of 33 James Street, Hamden, CT; and **Avinash Phadke** of 51 Gilbert Lane, Branford, CT.(hereinafter "ASSIGNORS") have invented certain new and useful improvements in:

**HYDROXYTHIENOQUINOLONES AND RELATED COMPOUNDS AS ANTI-  
INFECTIVE AGENTS**

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 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.

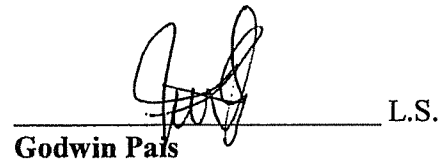
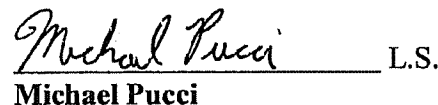
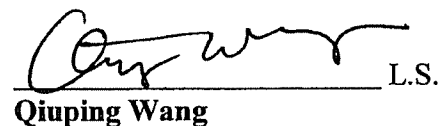
The undersigned declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine 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: 4/27/10  
Barton James Bradbury L.S.Date: 5/5/10  
Milind Deshpande L.S.Date: 4/27/2010  
Akihiro Hashimoto L.S.

Date: \_\_\_\_\_


\_\_\_\_\_  
Ha Young Kim L.S.

Date: \_\_\_\_\_


\_\_\_\_\_  
Edlaine Lucien L.S.Date: 04/27/2010  
Godwin Pais L.S.Date: 5/5/2010  
Michael Pucci L.S.Date: 5/3/2010  
Qiuping Wang L.S.

API-0054-US2

Date: 4/27/10

  
L.S.  
**Jason Allan Wiles**

Date: 4/7/10

  
L.S.  
**Avinash Phadke**

ASSIGNMENT

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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 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.  
**Barton James Bradbury**

Date: \_\_\_\_\_  
\_\_\_\_\_ L.S.  
**Milind Deshpande**

Date: \_\_\_\_\_  
\_\_\_\_\_ L.S.  
**Akihiro Hashimoto**

Date: March 30, 2010  
\_\_\_\_\_ L.S.  
**Ha Young Kim**

Date: \_\_\_\_\_  
\_\_\_\_\_ L.S.  
**Edlaine Lucien**

Date: \_\_\_\_\_  
\_\_\_\_\_ L.S.  
**Godwin Pais**

Date: \_\_\_\_\_  
\_\_\_\_\_ L.S.  
**Michael Pucci**

Date: \_\_\_\_\_  
\_\_\_\_\_ L.S.  
**Qiuping Wang**

API-0054-US2

Date: \_\_\_\_\_

\_\_\_\_\_  
**Jason Allan Wiles** L.S.

*H.K*




Barton James Bradbury L.S.

\_\_\_\_\_ L.S.  
**Milind Deshpande**

\_\_\_\_\_  
Akihiro Hashimoto L.S.

Ha Young Kim L.S.

 L.S.  
**Edlaine Lucien**

\_\_\_\_\_  
**Godwin Pais** L.S.

L.S

**Michael Pucci**

\_\_\_\_\_  
**Qiuping Wang** L.S.