PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

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<th>SUBMISSION TYPE:</th>
<th>NEW ASSIGNMENT</th>
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## CONVEYING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>Execution Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>John J. Baldwin</td>
<td>07/08/2009</td>
</tr>
<tr>
<td>David A. Claremon</td>
<td>07/08/2009</td>
</tr>
<tr>
<td>Colin M. Tice</td>
<td>07/08/2009</td>
</tr>
<tr>
<td>Salvacion Cacatian</td>
<td>07/08/2009</td>
</tr>
<tr>
<td>Lawrence W. Dillard</td>
<td>07/08/2009</td>
</tr>
<tr>
<td>Alexey V. Ishchenko</td>
<td>07/08/2009</td>
</tr>
<tr>
<td>Jing Yuan</td>
<td>07/08/2009</td>
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<tr>
<td>Zhenrong Xu</td>
<td>07/08/2009</td>
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<tr>
<td>Gerard McGeehan</td>
<td>07/08/2009</td>
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<tr>
<td>Wei Zhao</td>
<td>07/08/2009</td>
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<tr>
<td>Robert D. Simpson</td>
<td>07/08/2009</td>
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<tr>
<td>Suresh B. Singh</td>
<td>07/08/2009</td>
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<td>Lanqi Ja</td>
<td>07/08/2009</td>
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<tr>
<td>Patrick T. Flaherty</td>
<td>07/01/2009</td>
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## RECEIVING PARTY DATA

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<tr>
<th>Name:</th>
<th>Vitae Pharmaceuticals, Inc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Street Address:</td>
<td>502 West Office Center Drive</td>
</tr>
<tr>
<td>City:</td>
<td>Fort Washington</td>
</tr>
<tr>
<td>State/Country:</td>
<td>PENNSYLVANIA</td>
</tr>
<tr>
<td>Postal Code:</td>
<td>19034</td>
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<tr>
<td>Application Number</td>
<td>12311012</td>
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CORRESPONDENCE DATA

Fax Number: (978)341-0136
| Correspondence will be sent via US Mail when the fax attempt is unsuccessful. |
|------------------|------------------|
| **Phone:**       | 978-341-0036     |
| **Email:**       | amy.comeau@hsbr.com |
| **Correspondent Name:** | Steven G. Davis, Ph.D. |
| **Address Line 1:** | 530 Virginia Road, P.O. Box 9133 |
| **Address Line 2:** | Hamilton, Brook, Smith & Reynolds, P.C. |
| **Address Line 4:** | Concord, MASSACHUSETTS 01742-9133 |

<table>
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<tr>
<th>ATTORNEY DOCKET NUMBER:</th>
<th>3964.1010-013</th>
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<tbody>
<tr>
<td><strong>NAME OF SUBMITTER:</strong></td>
<td>Amy T. Comeau</td>
</tr>
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ASSIGNMENT

WHEREAS, we, John J. Baldwin, David A. Claremon, Colin M. Tice, Salvacion Cacatian, Lawrence W. Dillard, Alexey V. Ishchenko, Jing Yuan, Zhenrong Xu, Gerard McGeehan, Wei Zhao, Robert D. Simpson, Suresh B. Singh, Lanqi Jia, and Patrick T. Flaherty, have invented a certain improvement in RENIN INHIBITORS described in an application for Patent,

☐ the specification of which is about to be filed in the United States Patent Office (use for utility (37 CFR § 1.53(b)) and design filings only);

☐ is about to be filed in the United States Patent Office as a Provisional Application;

☐ the specification of which is United States Application No. [    ], filed [    ];

☒ the specification of which is a Patent Cooperation Treaty Application, International Application No. PCT/US2007/020164, filed September 18, 2007, which designates the United States of America and is assigned United States Application No. 12/311,012;

☐ which was patented under United States Patent No. [    ].

WHEREAS, Vitae Pharmaceuticals, Inc. (hereinafter “ASSIGNEE”), a corporation organized and existing under the laws of the State of Delaware, and having a usual place of business at 502 West Office Center Drive, Fort Washington, Pennsylvania 19034 desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right to ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein; I hereby expressly authorize the filing of an International Patent Application under the Patent Cooperation Treaty which corresponds to and claims the priority of the above-identified application;

PATENT
REEL: 022954 FRAME: 0561
AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any future applications including substitution, reissue, divisional or continuation applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature: John J. Baldwin

State/Commonwealth of Montgomery

County of

On this 8th day of July 2009, before me, the undersigned notary public, personally appeared John J. Baldwin,

[X] personally known to me, or

[ ] proved to me through satisfactory evidence of identification, which was

[SEAL]

COMMONWEALTH OF PENNSYLVANIA

Notary Public

Patricia A. O'Neale

(print name)

My Commission expires 04/27/2011

- 2 -
Inventor's Signature: David A. Claremon

State/Commonwealth of PA
County of Montgomery

On this 8th day of July 2009, before me, the undersigned notary public, personally appeared David A. Claremon,

☑ personally known to me, or
☐ proved to me through satisfactory evidence of identification, which was to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)
Notary Public
Patricia B. Opanski
Member, Pennsylvania Association of Notaries

My Commission expires 04/29/2011

Inventor's Signature: Colin M. Tice

State/Commonwealth of PA
County of Montgomery

On this 8th day of July 2009, before me, the undersigned notary public, personally appeared Colin M. Tice,

☑ personally known to me, or
☐ proved to me through satisfactory evidence of identification, which was to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)
Notary Public
Patricia B. Opanski
Member, Pennsylvania Association of Notaries

My Commission expires 04/29/2011
Inventor's Signature: Salvacion Cacatian

State/Commonwealth of PA
County of Montgomery

On this 8th day of July 2009, before me, the undersigned notary public, personally appeared Salvacion Cacatian,

☐ personally known to me, or
☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

Notary Public: Patricia B. Oposki
(print name)

My Commission expires 04/29/2011

Inventor's Signature: Lawrence W. Dillard

State/Commonwealth of PA
County of Montgomery

On this 8th day of July 2009, before me, the undersigned notary public, personally appeared Lawrence W. Dillard,

☐ personally known to me, or
☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

Notary Public: Patricia B. Oposki
(print name)

My Commission expires 04/29/2011
Inventor's Signature: Alexey V. Ishchenko

State/Commonwealth of Montgomery

County of

On this 8th day of July 2009 before me, the undersigned notary public, personally appeared Alexey V. Ishchenko,

[ ] personally known to me, or

[ ] proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Notary Public

[ ]

[ ]

My Commission expires 04/29/2011

Inventor's Signature: Jing Yuan

State/Commonwealth of

County of

On this ______ day of ___________ 20____, before me, the undersigned notary public, personally appeared Jing Yuan,

[ ] personally known to me, or

[ ] proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Notary Public

[ ]

[ ]

My Commission expires _____/_____/______
Inventor's Signature: Alexey V. Ishchenko

State/Commonwealth of
County of

On this ______ day of __________ 20___, before me, the undersigned notary public, personally appeared Alexey V. Ishchenko,

☐ personally known to me, or
☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL) Notary Public _______________________

(print name)

My Commission expires _____ / _____ / _____

Inventor's Signature: Jing Yuan

State/Commonwealth of
County of Montgomery

On this ______ day of __________ 20___, before me, the undersigned notary public, personally appeared Jing Yuan,

☐ personally known to me, or
☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL) Notary Public _______________________

(print name)

My Commission expires 04/29/2011
Inventor's Signature: ___________________________
Zhenrong Xu

State/Commonwealth of __________________________
County of Montgomery

On this _________ day of _______ July _______ 2009, before me, the undersigned notary public, personally appeared Zhenrong Xu,

☑ personally known to me, or
☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)
COMMONWEALTH OF PENNSYLVANIA
Notary Public
Patricia B. Oporiski
Whitemarsh Twp., Montgomery County
My Commission Expires April 29, 2011
Member, Pennsylvania Association of Notaries
(print name)
My Commission expires 04/29/2011

Inventor's Signature: ___________________________
Gerard McGeehan

State/Commonwealth of __________________________
County of Montgomery

On this _________ day of _______ July _______ 2009, before me, the undersigned notary public, personally appeared Gerard McGeehan,

☑ personally known to me, or
☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)
COMMONWEALTH OF PENNSYLVANIA
Notary Public
Patricia B. Oporiski
Whitemarsh Twp., Montgomery County
My Commission Expires April 29, 2011
Member, Pennsylvania Association of Notaries
(print name)
My Commission expires 04/29/2011
Inventor's Signature: [Signature]

State/Commonwealth of PA
County of Montgomery

On this 8th day of July 2009, before me, the undersigned notary public, personally appeared Wei Zhao, personally known to me, or

☐ proved to me through satisfactory evidence of identification, which was
to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

[Seal]

Notary Public: Patricia B. Oponski
(print name)

My Commission expires 04/29/2011

Inventor's Signature: [Signature]

State/Commonwealth of PA
County of Montgomery

On this 8th day of July 2009, before me, the undersigned notary public, personally appeared Robert D. Simpson, personally known to me, or

☐ proved to me through satisfactory evidence of identification, which was
to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

[Seal]

Notary Public: Patricia B. Oponski
(print name)

My Commission expires 04/29/2011
Inventor's Signature: Suresh B. Singh

State/Commonwealth of Pennsylvania
County of Montgomery

On this 8th day of July 2009, before me, the undersigned notary public, personally appeared Suresh B. Singh,

☑ personally known to me, or
☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

Notary Public

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Patricia B. Oponski, Notary Public
Whitemarsh Twp., Montgomery County
My Commission Expires April 29, 2011

Member, Pennsylvania Association of Notaries

My Commission expires 04/29/2011

Inventor's Signature: Lanqi Jia

State/Commonwealth of Pennsylvania
County of Montgomery

On this 8th day of July 2009, before me, the undersigned notary public, personally appeared Lanqi Jia,

☑ personally known to me, or
☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

Notary Public

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Patricia B. Oponski, Notary Public
Whitemarsh Twp., Montgomery County
My Commission Expires April 29, 2011

Member, Pennsylvania Association of Notaries

My Commission expires 04/29/2011
Inventor's Signature: 

Patrick T. Flaherty

State/Commonwealth of Pennsylvania
County of Allegheny

On this 1st day of July 2009, before me, the undersigned notary public, personally appeared Patrick T. Flaherty,

☐ personally known to me, or

☒ proved to me through satisfactory evidence of identification, which was

PA Drivers License

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Dorothy C. Kubs, Notary Public
City Of Pittsburgh, Allegheny County
My Commission Expires Dec. 12, 2011
Member, Pennsylvania Association of Notaries

Notary Public
Dorothy C. Kubs (print name)

My Commission expires 12/12/2011

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