

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TAO GUO	11/12/2007
THUY X.H. LE	11/12/2007
KURT W. SAIONZ	11/12/2007
SURESH D. BABU	11/12/2007
RACHAEL C. HUNTER	11/14/2007
MICHELLE L. MORRIS	11/12/2007
HUIZHONG GU	11/12/2007
GANG QIAN	11/12/2007
DAWIT TADESSE	11/12/2007
GAIFA LAI	11/12/2007
JINQI DUO	11/12/2007
CHUANXING QU	11/13/2007
YUEFEI SHAO	11/12/2007

RECEIVING PARTY DATA

Name:	PHARMACOPEIA INC. FORMERLY KNOWN AS PHARMACOPEIA DRUG DISCOVERY, INC.
Street Address:	P.O. BOX 5350
City:	PRINCETON
State/Country:	NEW JERSEY
Postal Code:	08543-5350

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11710582

CORRESPONDENCE DATA

Fax Number: (908)298-5388

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

PATENT

500420349

REEL: 020247 FRAME: 0471

CH \$40.00 11710582

Phone: 908-298-5255
Email: shawn.m.armstrong@spcorp.com
Correspondent Name: SCHERING-PLOUGH CORPORATION
Address Line 1: 2000 GALLOPING HILL ROAD
Address Line 2: K-6-1, 1990
Address Line 4: KENILWORTH, NEW JERSEY 07033

ATTORNEY DOCKET NUMBER:	CN06136-02US03
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NAME OF SUBMITTER:	SHAWN ARMSTRONG
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Total Attachments: 24

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ASSIGNMENT OF INVENTION
(MULTIPLE INVENTORS)

Tao Guo, a citizen of the United States of America, residing at 1606 Dahlia Circle, Dayton, New Jersey 08810 and

Thuy X. H. Le, a citizen of the United States of America, residing at 16 Black Gum Drive, Monmouth Junction, New Jersey 08852 and

Kurt W. Saionz, a citizen of the United States of America, residing at 508 Linden Place, Cranford, New Jersey 07016 and

Suresh Babu, a citizen of the United States, residing at 225 Concord Place, Pennington, New Jersey 08534 and

Rachael C. Hunter, a citizen of the United Kingdom, residing at 128A Bloomingdale Avenue, Wayne, Pennsylvania 19087 and

Michelle L. Morris, a citizen of the United States of America, residing at 10 Carla Way, Lawrenceville, New Jersey 08648 and

Huizhong Gu, a citizen of the United States of America, residing at 22 Cotoneaster Court, Monmouth Junction, New Jersey and

Gang Qian, a citizen of the Peoples Republic of China, residing at 59 Colleen Court, Kendall Park, New Jersey 08824 and

Dawit Tadesse, a citizen of the United States of America, residing at , residing at 1705 Colonial Garden Dr., Avenel, New Jersey, 07001 and

Gaifa Lai, a citizen of the United States, residing at 14 Wexford Drive, Monmouth Junction, NJ 08852 and

Jingqi Duo, a citizen of P.R. China, residing at 1521 Northumberland Way, Monmouth Junction, New Jersey 08852 and

Chuanxing Qu, a citizen of the P.R. China, residing at 117A Rivervale CT, Scotch Plains, New Jersey 07076

Yuefei Shao, a citizen of the United States, residing at 38 York Drive, Princeton, New Jersey 08540

(hereinafter called the "ASSIGNORS"), in consideration of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration paid to them by

Pharmacopeia, Inc.,

Formerly known as Pharmacopeia Drug Discovery, Inc.

a corporation organized and existing under the laws of the State of Delaware and having a principal mailing address of P. O. Box 5350, Princeton, New Jersey 08543-5350 (hereinafter called the "ASSIGNEE"), do hereby sell and assign to the said ASSIGNEE, its successors and assigns and legal representatives, their entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed and any and all inventions which are disclosed but not claimed, in the application for United States Letters Patent entitled:

"HETEROCYCLIC ASPARTYL PROTEASE INHIBITORS"

invented by them and officially identified* by the United States Patent and Trademark Office as Application Number 11/710,582, filed on February 23, 2007, and/or by the World Intellectual Property Organization as International Patent Application Number _____, filed on _____, 20____,

and in and to said application, and in and to any and all divisions, reissues, renewals, substitutions, continuations, extensions and all other applications for United States Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application and in and to all original and reissue patents or related foreign documents which have been or shall issue on said inventions;

And the said ASSIGNORS hereby authorize and request the Commissioner of Patents of the United States to issue to said ASSIGNEE, its successors, assigns and legal representatives, in accordance with the assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

And ASSIGNORS hereby agree that ASSIGNEE may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under any available international agreement; and that, when requested, without charge to, but at the expense of said ASSIGNEE, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, declarations, assignments, powers of attorney, and other papers; communicate with said ASSIGNEE, its successors, assigns, and legal representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything reasonably necessary to aid said ASSIGNEE in securing, maintaining, and enforcing proper patent protection for said inventions and for vesting title to said inventions and all patent

applications for patents or related foreign rights and all patents on said inventions in said ASSIGNEE, its successors, assigns and representatives;

And ASSIGNORS hereby covenant with said ASSIGNEE, its successors, assigns and representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

*We hereby authorize **ASSIGNEE** TO INSERT IN THIS INSTRUMENT THE Application Number and the filing date of said application Letters of Patent when officially notified thereof.

Dated: 11/12/07


Tao Guo, Co-Inventor

Dated: 11/12/07


Thuy X. H. Le, Co-Inventor

Dated: 11-12-7


Kurt W. Saionz, Co-Inventor

Dated: 11/12/07


Suresh D. Babu, Co-Inventor

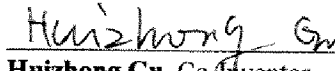
Dated: _____

Rachael C. Hunter, Co-Inventor


Dated: 11/12/07


Michelle L. Morris, Co-Inventor


Dated: 11/12/07


Huizhong Gu, Co-Inventor

Dated: 11/12/07


Gang Qian, Co-Inventor


Dated: 11/12/07


Dawit Tadesse, Co-Inventor

Dated: 11/12/07


Gaifa Lai, Co-Inventor

Dated: 11/12/07


Jinqi Duo, Co-Inventor

Dated: _____

Chuanxing Qu, Co-Inventor

Dated: 11/12/07


Yuefei Shao, Co-Inventor


On November 12, 2007 before me, (Rebecca A. Kinner), Notary Public, personally appeared Tao Guo, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf which the person acted, executed this Instrument.

WITNESS my hand and seal.


Notary Public

REBECCA A. KINNER
NOTARY PUBLIC STATE OF NEW JERSEY
MY COMMISSION EXPIRES MARCH 11, 2010

On November 12, 2007 before me, (Rebecca A. Kinner), Notary Public, personally appeared Thuy X. H. Le, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf which the person acted, executed this Instrument.
WITNESS my hand and seal.


Notary Public


REBECCA A. KINNER
NOTARY PUBLIC STATE OF NEW JERSEY
MY COMMISSION EXPIRES MARCH 11, 2010

On November 12, 2007 before me, (Rebecca A. Kinner), Notary Public, personally appeared Kurt W. Saionz, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf which the person acted, executed this Instrument.
WITNESS my hand and seal.


Notary Public

REBECCA A. KINNER
NOTARY PUBLIC STATE OF NEW JERSEY
MY COMMISSION EXPIRES MARCH 11, 2010

On November 12, 2007 before me, (Rebecca A. Kinner), Notary Public, personally appeared Suresh D. Babu, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf which the person acted, executed this Instrument.
WITNESS my hand and seal.


Notary Public

REBECCA A. KINNER
NOTARY PUBLIC STATE OF NEW JERSEY
MY COMMISSION EXPIRES MARCH 11, 2010

On _____, 2007 before me, (_____), Notary Public, personally appeared Rachael C. Hunter, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf which the person acted, executed this Instrument.
WITNESS my hand and seal.

Notary Public

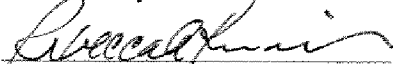
On November 11, 2007 before me, (Rebecca A. Kinner), Notary Public, personally appeared Michelle L. Morris, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf which the person acted, executed this Instrument.
WITNESS my hand and seal.



Notary Public

REBECCA A. KINNER
NOTARY PUBLIC STATE OF NEW JERSEY
MY COMMISSION EXPIRES MARCH 11, 2010

On November 12, 2007 before me, (Rebecca A. Kinner), Notary Public, personally appeared Huizhong Gu, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf which the person acted, executed this Instrument.
WITNESS my hand and seal.



Notary Public

REBECCA A. KINNER
NOTARY PUBLIC STATE OF NEW JERSEY
MY COMMISSION EXPIRES MARCH 11, 2010

On Nov 12, 2007 before me, (Rebecca A. Kinner), Notary Public, personally appeared Gang Qian, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf which the person acted, executed this Instrument.

WITNESS my hand and seal.



Notary Public

REBECCA A. KINNER
NOTARY PUBLIC STATE OF NEW JERSEY
MY COMMISSION EXPIRES MARCH 11, 2010

On November 12, 2007 before me, (Rebecca A. Kinner), Notary Public, personally appeared Dawit Tadesse, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf which the person acted, executed this Instrument.

WITNESS my hand and seal.



Notary Public

REBECCA A. KINNER
NOTARY PUBLIC STATE OF NEW JERSEY
MY COMMISSION EXPIRES MARCH 11, 2010

On November 12, 2007 before me, (Rebecca A. Kinner), Notary Public, personally appeared Gaifa Lai, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf which the person acted, executed this Instrument.

WITNESS my hand and seal.



Notary Public

REBECCA A. KINNER
NOTARY PUBLIC STATE OF NEW JERSEY
MY COMMISSION EXPIRES MARCH 11, 2010

On Nov. 12, 2007 before me, (Rebecca A. Kinner), Notary Public, personally appeared Jingqi Duo, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf which the person acted, executed this Instrument.

WITNESS my hand and seal.


Notary Public REBECCA A. KINNER
NOTARY PUBLIC STATE OF NEW JERSEY
MY COMMISSION EXPIRES MARCH 11, 2010

On _____ 2007 before me, (_____), Notary Public, personally appeared Chuanxing Qu, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf which the person acted, executed this Instrument.

WITNESS my hand and seal.

Notary Public

On Nov 12, 2007 before me, (Rebecca A. Kinner), Notary Public, personally appeared Yuefei Shao, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf which the person acted, executed this Instrument.

WITNESS my hand and seal.


Notary Public

REBECCA A. KINNER
NOTARY PUBLIC STATE OF NEW JERSEY
MY COMMISSION EXPIRES MARCH 11, 2010

ASSIGNMENT OF INVENTION
(MULTIPLE INVENTORS)

Tao Guo, a citizen of the United States of America, residing at 1606 Dahlia Circle, Dayton, New Jersey 08810 and

Thuy X. H. Le, a citizen of the United States of America, residing at 16 Black Gum Drive, Monmouth Junction, New Jersey 08852 and

Kurt W. Saionz, a citizen of the United States of America, residing at 508 Linden Place, Cranford, New Jersey 07016 and

Suresh Babu, a citizen of the United States, residing at 225 Concord Place, Pennington, New Jersey 08534 and

Rachael C. Hunter, a citizen of the United Kingdom, residing at 128A Bloomingdale Avenue, Wayne, Pennsylvania 19087 and

Michelle L. Morris, a citizen of the United States of America, residing at 10 Carla Way, Lawrenceville, New Jersey 08648 and

Huizhong Gu, a citizen of the United States of America, residing at 22 Cotoneaster Court, Monmouth Junction, New Jersey and

Gang Qian, a citizen of the Peoples Republic of China, residing at 59 Colleen Court, Kendall Park, New Jersey 08824 and

Dawit Tadesse, a citizen of the United States of America, residing at , residing at 1705 Colonial Garden Dr., Avenel, New Jersey, 07001 and

Gaifa Lai, a citizen of the United States, residing at 14 Wexford Drive, Monmouth Junction, NJ 08852 and

Jingqi Duo, a citizen of P.R. China, residing at 1521 Northumberland Way, Monmouth Junction, New Jersey 08852 and

Chuanxing Qu, a citizen of the P.R. China, residing at 117A Rivervale CT, Scotch Plains, New Jersey 07076

Yuefei Shao, a citizen of the United States, residing at 38 York Drive, Princeton, New Jersey 08540

(hereinafter called the "ASSIGNORS"), in consideration of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration paid to them by

Pharmacopeia, Inc.,
Formerly known as Pharmacopeia Drug Discovery, Inc.

a corporation organized and existing under the laws of the State of Delaware and having a principal mailing address of P. O. Box 5350, Princeton, New Jersey 08543-5350 (hereinafter called the "ASSIGNEE"), do hereby sell and assign to the said ASSIGNEE, its successors and assigns and legal representatives, their entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed and any and all inventions which are disclosed but not claimed, in the application for United States Letters Patent entitled:

"HETEROCYCLIC ASPARTYL PROTEASE INHIBITORS"

invented by them and officially identified* by the United States Patent and Trademark Office as Application Number 11/710,582, filed on February 23, 2007, and/or by the World Intellectual Property Organization as International Patent Application Number _____, filed on _____, 20____.

and in and to said application, and in and to any and all divisions, reissues, renewals, substitutions, continuations, extensions and all other applications for United States Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application and in and to all original and reissue patents or related foreign documents which have been or shall issue on said inventions;

And the said ASSIGNORS hereby authorize and request the Commissioner of Patents of the United States to issue to said ASSIGNEE, its successors, assigns and legal representatives, in accordance with the assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

And ASSIGNORS hereby agree that ASSIGNEE may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under any available international agreement; and that, when requested, without charge to, but at the expense of said ASSIGNEE, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, declarations, assignments, powers of attorney, and other papers; communicate with said ASSIGNEE, its successors, assigns, and legal representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything reasonably necessary to aid said ASSIGNEE in securing, maintaining, and enforcing proper patent protection for said inventions and for vesting title to said inventions and all patent

Patent Case: CN06136-02US03

applications for patents or related foreign rights and all patents on said inventions in said ASSIGNEE, its successors, assigns and representatives;

And ASSIGNORS hereby covenant with said ASSIGNEE, its successors, assigns and representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

*We hereby authorize **ASSIGNEE** TO INSERT IN THIS INSTRUMENT THE Application Number and the filing date of said application Letters of Patent when officially notified thereof.

Dated: _____

Tao Guo, Co-Inventor

Dated: _____

Thuy X. H. Le, Co-Inventor

Dated: _____

Kurt W. Saionz, Co-Inventor

Dated: _____

Suresh D. Babu, Co-Inventor

Dated: 11/14/07

Rachael C. Hunter, Co-Inventor

Dated: _____

Micelle L. Morris, Co-Inventor

Dated: _____

Huizhong Gu, Co-Inventor

Dated: _____

Gang Qian, Co-Inventor

Dated: _____

Dawit Tadesse, Co-Inventor

Dated: _____

Gaifa Lai, Co-Inventor

Dated: _____

Jinqi Duo, Co-Inventor

Dated: _____

Chuanxing Qu, Co-Inventor

Dated: _____

Yuefei Shao, Co-Inventor

On _____ 2007 before me, (Rebecca A. Kinner), Notary Public, personally appeared Tao Guo, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf which the person acted, executed this Instrument.

WITNESS my hand and seal.

Notary Public

Patent Case: CN06136-02US03

On 2007 before me, (Rebecca A. Kinner), Notary Public, personally appeared Thuy X. H. Le, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf which the person acted, executed this Instrument.
WITNESS my hand and seal.

Notary Public

On 2007 before me, (Rebecca A. Kinner), Notary Public, personally appeared Kurt W. Saionz, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf which the person acted, executed this Instrument.
WITNESS my hand and seal.

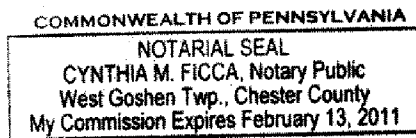
Notary Public

On 2007 before me, (Rebecca A. Kinner), Notary Public, personally appeared Suresh D. Babu, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf which the person acted, executed this Instrument.
WITNESS my hand and seal.

Notary Public

On November 14th 2007 before me, (Cynthia M. Ficca) (and), Notary Public, personally appeared Rachael C. Hunter, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf which the person acted, executed this Instrument.
WITNESS my hand and seal.

Cynthia M. Ficca
Notary Public



On 2007 before me, (Rebecca A. Kinner), Notary Public, personally appeared Michelle L. Morris, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf which the person acted, executed this Instrument.
WITNESS my hand and seal.

Notary Public

On 2007 before me, (Rebecca A. Kinner), Notary Public, personally appeared Huizhong Gu, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf which the person acted, executed this Instrument.
WITNESS my hand and seal.

Notary Public

On 2007 before me, (Rebecca A. Kinner), Notary Public, personally appeared Gang Qian, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf which the person acted, executed this Instrument.

WITNESS my hand and seal.

Notary Public

On 2007 before me, (Rebecca A. Kinner), Notary Public, personally appeared Dawit Tadesse, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf which the person acted, executed this Instrument.

WITNESS my hand and seal.

Notary Public

On 2007 before me, (Rebecca A. Kinner), Notary Public, personally appeared Gaifa Lai, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf which the person acted, executed this Instrument.

WITNESS my hand and seal.

Notary Public

Patent Case: CN06136-02US03

On 2007 before me, (Rebecca A. Kinner), Notary Public, personally appeared Jingqi Duo, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf which the person acted, executed this Instrument.

WITNESS my hand and seal.

Notary Public

On 2007 before me, (_____), Notary Public, personally appeared Chuanxing Qu, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf which the person acted, executed this Instrument.

WITNESS my hand and seal.

Notary Public

On 2007 before me, (Rebecca A. Kinner), Notary Public, personally appeared Yuefei Shao, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf which the person acted, executed this Instrument.

WITNESS my hand and seal.

Notary Public

ASSIGNMENT OF INVENTION
(MULTIPLE INVENTORS)

Tao Guo, a citizen of the United States of America, residing at 1606 Dahlia Circle, Dayton, New Jersey 08810 and

Thuy X. H. Le, a citizen of the United States of America, residing at 16 Black Gum Drive, Monmouth Junction, New Jersey 08852 and

Kurt W. Saionz, a citizen of the United States of America, residing at 508 Linden Place, Cranford, New Jersey 07016 and

Suresh Babu, a citizen of the United States, residing at 225 Concord Place, Pennington, New Jersey 08534 and

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Huizhong Gu, a citizen of the United States of America, residing at 22 Cotoneaster Court, Monmouth Junction, New Jersey and

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Dawit Tadesse, a citizen of the United States of America, residing at , residing at 1705 Colonial Garden Dr., Avenel, New Jersey, 07001 and

Gaifa Lai, a citizen of the United States, residing at 14 Wexford Drive, Monmouth Junction, NJ 08852 and

Jingqi Duo, a citizen of P.R. China, residing at 1521 Northumberland Way, Monmouth Junction, New Jersey 08852 and

Chuanxing Qu, a citizen of the P.R. China, residing at 117A Rivervale CT, Scotch Plains, New Jersey 07076

Yuefei Shao, a citizen of the United States, residing at 38 York Drive, Princeton, New Jersey 08540

(hereinafter called the "ASSIGNORS"), in consideration of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration paid to them by

Pharmacopeia, Inc.,

Formerly known as Pharmacopeia Drug Discovery, Inc.

a corporation organized and existing under the laws of the State of Delaware and having a principal mailing address of P. O. Box 5350, Princeton, New Jersey 08543-5350 (hereinafter called the "ASSIGNEE"), do hereby sell and assign to the said ASSIGNEE, its successors and assigns and legal representatives, their entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed and any and all inventions which are disclosed but not claimed, in the application for United States Letters Patent entitled:

"HETEROCYCLIC ASPARTYL PROTEASE INHIBITORS"

invented by them and officially identified* by the United States Patent and Trademark Office as Application Number 11/710,582, filed on February 23, 2007, and/or by the World Intellectual Property Organization as International Patent Application Number _____, filed on _____, 20____,

and in and to said application, and in and to any and all divisions, reissues, renewals, substitutions, continuations, extensions and all other applications for United States Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application and in and to all original and reissue patents or related foreign documents which have been or shall issue on said inventions;

And the said ASSIGNORS hereby authorize and request the Commissioner of Patents of the United States to issue to said ASSIGNEE, its successors, assigns and legal representatives, in accordance with the assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

And ASSIGNORS hereby agree that ASSIGNEE may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under any available international agreement; and that, when requested, without charge to, but at the expense of said ASSIGNEE, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, declarations, assignments, powers of attorney, and other papers; communicate with said ASSIGNEE, its successors, assigns, and legal representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything reasonably necessary to aid said ASSIGNEE in securing, maintaining, and enforcing proper patent protection for said inventions and for vesting title to said inventions and all patent

applications for patents or related foreign rights and all patents on said inventions in said ASSIGNEE, its successors, assigns and representatives;

And ASSIGNORS hereby covenant with said ASSIGNEE, its successors, assigns and representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

*We hereby authorize **ASSIGNEE** TO INSERT IN THIS INSTRUMENT THE Application Number and the filing date of said application Letters of Patent when officially notified thereof.

Dated: _____

Tao Guo, Co-Inventor

Dated: _____

Thuy X. H. Le, Co-Inventor

Dated: _____

Kurt W. Saionz, Co-Inventor

Dated: _____

Suresh D. Babu, Co-Inventor

Dated: _____

Rachael C. Hunter, Co-Inventor

Dated: _____

Micelle L. Morris, Co-Inventor

Dated: _____

Huizhong Gu, Co-Inventor

Dated: _____

Gang Qian, Co-Inventor

Dated: _____

Dawit Tadesse, Co-Inventor

(Assignment of Invention - page 3 of 8)

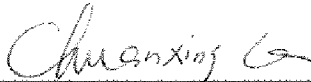
Dated: _____

Gaifa Lai, Co-Inventor

Dated: _____

Jinqi Duo, Co-Inventor

Dated: 11/13/2007



Chuanxing Qu, Co-Inventor

Dated: _____

Yuefei Shao, Co-Inventor

On _____ 2007 before me, (Rebecca A. Kinner), Notary Public, personally appeared Tao Guo, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf which the person acted, executed this Instrument.
WITNESS my hand and seal.

Notary Public

On 2007 before me, (Rebecca A. Kinner), Notary Public, personally appeared Thuy X. H. Le, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf which the person acted, executed this Instrument.
WITNESS my hand and seal.

Notary Public

On 2007 before me, (Rebecca A. Kinner), Notary Public, personally appeared Kurt W. Saionz, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf which the person acted, executed this Instrument.
WITNESS my hand and seal.

Notary Public

On 2007 before me, (Rebecca A. Kinner), Notary Public, personally appeared Suresh D. Babu, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf which the person acted, executed this Instrument.
WITNESS my hand and seal.

Notary Public

On 2007 before me, (), Notary Public, personally appeared Rachael C. Hunter, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf which the person acted, executed this Instrument.
WITNESS my hand and seal.

Notary Public

On 2007 before me, (Rebecca A. Kinner), Notary Public, personally appeared Michelle L. Morris, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf which the person acted, executed this Instrument.
WITNESS my hand and seal.

Notary Public

On 2007 before me, (Rebecca A. Kinner), Notary Public, personally appeared Huizhong Gu, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf which the person acted, executed this Instrument.
WITNESS my hand and seal.

Notary Public

On 2007 before me, (Rebecca A. Kinner), Notary Public, personally appeared Gang Qian, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf which the person acted, executed this Instrument.
WITNESS my hand and seal.

Notary Public

On 2007 before me, (Rebecca A. Kinner), Notary Public, personally appeared Dawit Tadesse, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf which the person acted, executed this Instrument.
WITNESS my hand and seal.

Notary Public

On 2007 before me, (Rebecca A. Kinner), Notary Public, personally appeared Gaifa Lai, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf which the person acted, executed this Instrument.
WITNESS my hand and seal.

Notary Public

On _____ 2007 before me, (Rebecca A. Kinner), Notary Public, personally appeared Jingqi Duo, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf which the person acted, executed this Instrument.
WITNESS my hand and seal.

Notary Public

On Nov. 13 2007 before me, (Shawn M. Armstrong), Notary Public, personally appeared Chuanxing Qu, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf which the person acted, executed this Instrument.
WITNESS my hand and seal.

Shawn M. Armstrong
Notary Public

SHAWN M. ARMSTRONG
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 6/02/2010

On _____ 2007 before me, (Rebecca A. Kinner), Notary Public, personally appeared Yuefei Shao, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf which the person acted, executed this Instrument.
WITNESS my hand and seal.

Notary Public