

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BRIAN F. McGUINNESS	07/31/2007
DOUGLAS W. HOBBS	12/26/2007
YUEFEI SHAO	07/31/2007
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	PHARMACOEPIA, INC. FORMERLY KNOWN AS PHARMACOEPIA DRUG DISCOVERY, INC.
<b>Street Address:</b>	P.O. BOX 5350
<b>City:</b>	PRINCETON
<b>State/Country:</b>	NEW JERSEY
<b>Postal Code:</b>	08543-5350
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	11353806
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(908)298-5388
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	908-298-5255
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<b>Correspondent Name:</b>	SCHERING-PLOUGH CORPORATION
<b>Address Line 1:</b>	2000 GALLOPING HILL ROAD
<b>Address Line 2:</b>	K-6-1, 1990
<b>Address Line 4:</b>	KENILWORTH, NEW JERSEY 07033
<b>ATTORNEY DOCKET NUMBER:</b>	IM06192US01
<b>NAME OF SUBMITTER:</b>	SHAWN ARMSTRONG
Total Attachments: 6	

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**PATENT  
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**ASSIGNMENT OF INVENTION  
(MULTIPLE INVENTORS)**

**Brian F. McGuinness**, a citizen of the United States of America, residing at 16 Adams Court, Plainsboro, New Jersey 08536 and

**Douglas W. Hobbs**, a citizen of the United States, residing at 16330 Wilson Farm Dr., Chesterfield, MO 63005

**Yuefei Shao**, a citizen of the Peoples Republic of China, 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:

**"PIPERAZINE-PIPERIDINES WITH CXCR3 ANTAGONIST ACTIVITY "**

invented by them and officially identified\* by the United States Patent and Trademark Office as Application Number 11/353,806, filed on February 14, 2006, 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;

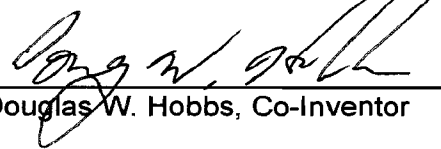
And ASSIGNORS hereby covenant with said ASSIGNEE, its successors, assigns and representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein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

\_\_\_\_\_  
Brian F. McGuinness, Co-Inventor

Dated: 12/26/07

  
\_\_\_\_\_  
Douglas W. Hobbs, Co-Inventor

Dated: \_\_\_\_\_

\_\_\_\_\_  
Yuefei Shao, Co-Inventor

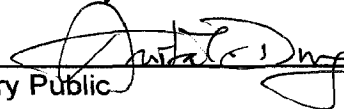
On 2007 before me, (Rebecca A. Kinner), Notary Public, personally appeared Brian F. McGuinness, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized 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 December 26 2007 before me, (ANITA T. DUONG), Notary Public, personally appeared Douglas W. Hobbs, 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

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(MULTIPLE INVENTORS)**

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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.

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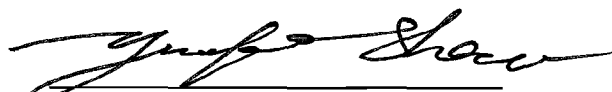
Dated: 7/31/07

  
Brian F. McGuinness, Co-Inventor

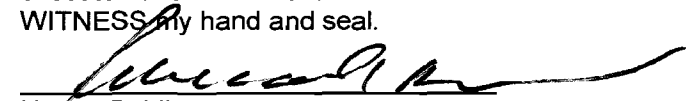
Dated: \_\_\_\_\_

\_\_\_\_\_  
Douglas W. Hobbs, Co-Inventor

Dated: 7/31/07

  
Yuefei Shao, Co-Inventor

On July 31, 2007 before me, (Rebecca A. Kinner), Notary Public, personally appeared Brian F. McGuinness, 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 Douglas W. Hobbs, 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 July 31, 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