

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Vidyadhar M. Paradkar	09/24/2008
Marc Brescia	09/17/2008
Ray James	09/17/2008
Jinqi Liu	09/17/2008
Ruiyan Liu	09/21/2008
James Robert Merritt	09/17/2008
Michelle Morris	09/19/2008
Michael J. Ohlmeyer	09/18/2008
Chongwu Zhang	09/16/2008
Rui Zhang	09/17/2008

RECEIVING PARTY DATA

Name:	Pharmacopeia, Inc.
Street Address:	3000 Eastpark Blvd.
City:	Cranbury
State/Country:	NEW JERSEY
Postal Code:	08512

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	60977675
Application Number:	12245305

CORRESPONDENCE DATA

Fax Number: (518)452-5579
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 518-452-5600
 Email: jmp@hrfmlaw.com
 Correspondent Name: Heslin Rothenberg Farley & Mesiti, P.C.

CH \$80.00 60977675

Address Line 1: 5 Columbia Circle
Address Line 4: Albany, NEW YORK 12303

NAME OF SUBMITTER:

Philip E. Hansen

Total Attachments: 37

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ASSIGNMENT

WHEREAS, We,

Marc Brescia, a citizen of the United States of America, residing at 1606 Blossom Circle, Dayton, New Jersey 08810 USA;

Ray James, a citizen of the United States of America, residing at 6263 Sterling Avenue, Bensalem, New Jersey 19020 USA;

Jinqi Liu, a citizen of the United States of America, residing at 66 Franklin Drive, Plainsboro, New Jersey 08536 USA;

Ruiyan Liu, a citizen of the United States of America residing at 496 Kings Road, Yardley, Pennsylvania 19067 USA;

James Robert Merritt, a citizen of the United States of America, residing at 14 Gloucester Lane, Ewing, New Jersey 08618 USA;

Michelle Morris, a citizen of the United States of America, residing at 10 Carla Way Lawrenceville, New Jersey 08648 USA;

Michael J. Ohlmeyer, a citizen of the United States of America, residing at 6 Beechtree Lane, Plainsboro, New Jersey 08536 USA;

Vidyadhar M. Paradkar, a citizen of the United States of America, residing at 3 Pine Ridge Drive, Somerville, New Jersey 08876 USA;

Chongwu Zhang, a citizen of P.R. China, residing at 503 Yarrow Circle, Dayton, New Jersey 08810 USA; and

Rui Zhang, a citizen of P. R. China, residing at 7402 Tamarron Drive, Plainsboro, New Jersey 08536 USA;

have invented certain new and useful improvements in

ORTHO PYRROLIDINE, BENZYL-SUBSTITUTED HETEROCYCLE CCR1 ANTAGONISTS FOR AUTOIMMUNE DISEASES & INFLAMMATION

which are the subject of United States Provisional Patent Application Serial Number **60/977,675** and filed with the United States Patent and Trademark Office on **October 5, 2007**; and

WHEREAS, **Pharmacopeia, Inc.** having offices at 3000 Eastpark Blvd., Cranbury, New Jersey 08512, is desirous of obtaining the entire right, title and interest in, to and under said improvements and said application; and

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which We hereby acknowledge, We, **Marc Brescia, Ray James, Jinqi Liu, Ruiyan Liu, James Robert Merritt, Michelle Morris, Michael J. Ohlmeyer, Vidyadhar M. Paradkar, Chongwu Zhang, and Rui Zhang** do hereby assign, transfer and set over, unto **Pharmacopeia, Inc.**, its successors, legal representatives and assigns, the entire right title and interest in, to and under said improvements, of said provisional application - including the right to claim priority to said application - all non-provisional patent applications arising therefrom, and all divisions, renewals and continuations thereof, and all Letters Patent which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and We hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to **Pharmacopeia, Inc.**, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

AND WE HEREBY covenant that We have full right to convey the entire interest herein assigned, and that We have not executed, and will not execute, any agreement in conflict herewith;

AND WE HEREBY further covenant and agree that We will communicate to **Pharmacopeia, Inc.**, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid **Pharmacopeia, Inc.**, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

AND WE HEREBY grant Heslin Rothenberg Farley & Mesiti, P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day of _____, 200__.

Marc Brescia
Marc Brescia

STATE OF NEW JERSEY)
COUNTY OF Middlesex)ss:

On this 17 day of September, 2008, before me personally came **Marc Brescia**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he/she acknowledged the same to be his free act and deed.

Melanie J. Rice
Notary Public

MELANIE J. RICE
A Notary Public of New Jersey
My Commission Expires June 12, 2012

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day of _____, 200__.

Ray James
Ray James

STATE OF NEW JERSEY)
COUNTY OF Middlesex)ss:

On this 17 day of September, 2008 before me personally came **Ray James**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he/she acknowledged the same to be his free act and deed.

Melanie J. Rice
Notary Public

MELANIE J. RICE
A Notary Public of New Jersey
My Commission Expires June 12, 2012

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day of _____, 200__.

Jinqi Liu
Jinqi Liu,

STATE OF NEW JERSEY)
COUNTY OF Middlesex)ss:

On this 17 day of September, 2008, before me personally came **Jinqi Liu**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he/she acknowledged the same to be his free act and deed.

MELANIE J. RICE
A Notary Public of New Jersey
My Commission Expires June 12, 2012

Melanie J. Rice
Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day of _____, 200__.

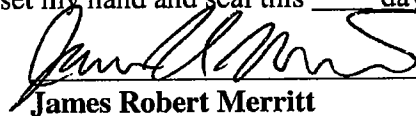
Ruiyan Liu
Ruiyan Liu

STATE OF NEW JERSEY)
COUNTY OF _____)ss:

On this ____ day of _____, 200__, before me personally came **Ruiyan Liu**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he/she acknowledged the same to be his free act and deed.

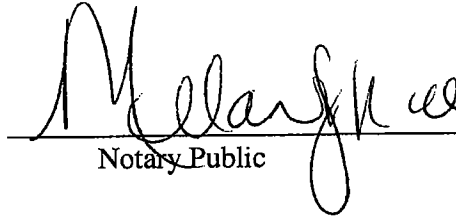
Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 200__.


James Robert Merritt

STATE OF NEW JERSEY)
COUNTY OF Middlesex)ss:

On this 17 day of September, 2008, before me personally came **James Robert Merritt**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he/she acknowledged the same to be his free act and deed.


Notary Public

MELANIE J. RICE
A Notary Public of New Jersey
My Commission Expires June 12, 2012

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 200__.

Michelle Morris

STATE OF NEW JERSEY)
COUNTY OF _____)ss:

On this _____ day of _____, 200__, before me personally came **Michelle Morris**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he/she acknowledged the same to be his free act and deed.

Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 200__.

Chongwu Zhang
Chongwu Zhang,

STATE OF NEW JERSEY)
COUNTY OF Middlesex)ss:

On this 16 day of September, 2008, before me personally came **Chongwu Zhang**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he/she acknowledged the same to be his free act and deed.

Melanie J. Rice
Notary Public

MELANIE J. RICE
A Notary Public of New Jersey
My Commission Expires June 12, 2012

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 200__.

Rui Zhang
Rui Zhang

STATE OF NEW JERSEY)
COUNTY OF Middlesex)ss:

On this 17 day of September, 2008, before me personally came **Rui Zhang**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he/she acknowledged the same to be his free act and deed.

Melanie J. Rice
Notary Public

MELANIE J. RICE
A Notary Public of New Jersey
My Commission Expires June 12, 2012

Docket No. 1073.120P

ASSIGNMENT

WHEREAS, We,

Marc Brescia, a citizen of the United States of America, residing at 1606 Blossom Circle, Dayton, New Jersey 08810 USA;

Ray James, a citizen of the United States of America, residing at 6263 Sterling Avenue, Bensalem, New Jersey 19020 USA;

Jinqi Liu, a citizen of the United States of America, residing at 66 Franklin Drive, Plainsboro, New Jersey 08536 USA;

Ruiyan Liu, a citizen of the United States of America residing at 496 Kings Road, Yardley, Pennsylvania 19067 USA;

James Robert Merritt, a citizen of the United States of America, residing at 14 Gloucester Lane, Ewing, New Jersey 08618 USA;

Michelle Morris, a citizen of the United States of America, residing at 10 Carla Way Lawrenceville, New Jersey 08648 USA;

Michael J. Ohlmeyer, a citizen of the United States of America, residing at 6 Beechtree Lane, Plainsboro, New Jersey 08536 USA;

Vidyadhar M. Paradkar, a citizen of the United States of America, residing at 3 Pine Ridge Drive, Somerville, New Jersey 08876 USA;

Chongwu Zhang, a citizen of P.R. China, residing at 503 Yarrow Circle, Dayton, New Jersey 08810 USA; and

Rui Zhang, a citizen of P. R. China, residing at 7402 Tamarron Drive, Plainsboro, New Jersey 08536 USA;

have invented certain new and useful improvements in

ORTHO PYRROLIDINE, BENZYL-SUBSTITUTED HETEROCYCLE CCR1 ANTAGONISTS FOR AUTOIMMUNE DISEASES & INFLAMMATION

which are the subject of United States Provisional Patent Application Serial Number **60/977,675** and filed with the United States Patent and Trademark Office on **October 5, 2007**; and

WHEREAS, **Pharmacopeia, Inc.** having offices at 3000 Eastpark Blvd., Cranbury, New Jersey 08512, is desirous of obtaining the entire right, title and interest in, to and under said improvements and said application; and

Docket No. 1073.120P

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which We hereby acknowledge, We, **Marc Brescia, Ray James, Jinqi Liu, Ruiyan Liu, James Robert Merritt, Michelle Morris, Michael J. Ohlmeyer, Vidyadhar M. Paradkar, Chongwu Zhang, and Rui Zhang** do hereby assign, transfer and set over, unto **Pharmacopeia, Inc.**, its successors, legal representatives and assigns, the entire right title and interest in, to and under said improvements, of said provisional application - including the right to claim priority to said application - all non-provisional patent applications arising therefrom, and all divisions, renewals and continuations thereof, and all Letters Patent which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and We hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to **Pharmacopeia, Inc.**, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

AND WE HEREBY covenant that We have full right to convey the entire interest herein assigned, and that We have not executed, and will not execute, any agreement in conflict herewith;

AND WE HEREBY further covenant and agree that We will communicate to **Pharmacopeia, Inc.**, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid **Pharmacopeia, Inc.**, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

AND WE HEREBY grant Heslin Rothenberg Farley & Mesiti, P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Docket No. 1073.120P

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day of _____, 200__.

Marc Brescia

STATE OF NEW JERSEY)
)ss:
COUNTY OF _____)

On this ____ day of _____, 200__, before me personally came **Marc Brescia**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he/she acknowledged the same to be his free act and deed.

Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day of _____, 200__.

Ray James

STATE OF NEW JERSEY)
)ss:
COUNTY OF _____)

On this ____ day of _____, 200__, before me personally came **Ray James**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he/she acknowledged the same to be his free act and deed.

Notary Public

Docket No. 1073.120P

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day of _____, 200__.

Jinqi Liu

STATE OF NEW JERSEY)
)ss:
COUNTY OF _____)

On this ____ day of _____, 200__, before me personally came **Jinqi Liu**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he/she acknowledged the same to be his free act and deed.

Notary Public

SIGNED this ____ day of _____ 2008.

Ruiyan Liu

Witness

Witness

From:Dakota Eurocentral

To:90016094523672

18/09/2008 20:49

#243 P.006/010

Docket No. 1073.120P

Page 5 of 9

PATENT
REEL: 021666 FRAME: 0241

Docket No. 1073.120P

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day of _____, 200__.

James Robert Merritt

STATE OF NEW JERSEY)
)ss:
COUNTY OF _____)

On this ____ day of _____, 200__, before me personally came James Robert Merritt, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he/she acknowledged the same to be his free act and deed.

Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day of _____, 200__.

Michelle Morris

STATE OF NEW JERSEY)
)ss:
COUNTY OF _____)

On this ____ day of _____, 200__, before me personally came Michelle Morris, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he/she acknowledged the same to be his free act and deed.

Notary Public

Docket No. 1073.120P

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day of _____, 200__.

Chongwu Zhang,

STATE OF NEW JERSEY)
)ss:
COUNTY OF _____)

On this ____ day of _____, 200__, before me personally came **Chongwu Zhang**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he/she acknowledged the same to be his free act and deed.

Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day of _____, 200__.

Rui Zhang

STATE OF NEW JERSEY)
)ss:
COUNTY OF _____)

On this ____ day of _____, 200__, before me personally came **Rui Zhang**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he/she acknowledged the same to be his free act and deed.

Notary Public

From: Dakota Eurocentral

To: 90016094523672

18/09/2008 20:50

#243 P.010/010

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Docket No. 1073.120P

Page 9 of 9

PATENT
REEL: 021666 FRAME: 0245

ASSIGNMENT

WHEREAS, We,

Marc Brescia, a citizen of the United States of America, residing at 1606 Blossom Circle, Dayton, New Jersey 08810 USA;

Ray James, a citizen of the United States of America, residing at 6263 Sterling Avenue, Bensalem, New Jersey 19020 USA;

Jinqi Liu, a citizen of the United States of America, residing at 66 Franklin Drive, Plainsboro, New Jersey 08536 USA;

Ruiyan Liu, a citizen of the United States of America residing at 496 Kings Road, Yardley, Pennsylvania 19067 USA;

James Robert Merritt, a citizen of the United States of America, residing at 14 Gloucester Lane, Ewing, New Jersey 08618 USA;

Michelle Morris, a citizen of the United States of America, residing at 10 Carla Way Lawrenceville, New Jersey 08648 USA;

Michael J. Ohlmeyer, a citizen of the United States of America, residing at 6 Beechtree Lane, Plainsboro, New Jersey 08536 USA;

Vidyadhar M. Paradkar, a citizen of the United States of America, residing at 3 Pine Ridge Drive, Somerville, New Jersey 08876 USA;

Chongwu Zhang, a citizen of P.R. China, residing at 503 Yarrow Circle, Dayton, New Jersey 08810 USA; and

Rui Zhang, a citizen of P. R. China, residing at 7402 Tamarron Drive, Plainsboro, New Jersey 08536 USA;

have invented certain new and useful improvements in

ORTHO PYRROLIDINE, BENZYL-SUBSTITUTED HETEROCYCLE CCR1 ANTAGONISTS FOR AUTOIMMUNE DISEASES & INFLAMMATION

which are the subject of United States Provisional Patent Application Serial Number **60/977,675** and filed with the United States Patent and Trademark Office on **October 5, 2007**; and

WHEREAS, **Pharmacoepia, Inc.** having offices at 3000 Eastpark Blvd., Cranbury, New Jersey 08512, is desirous of obtaining the entire right, title and interest in, to and under said improvements and said application; and

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which We hereby acknowledge, We, **Marc Brescia, Ray James, Jinqi Liu, Ruiyan Liu, James Robert Merritt, Michelle Morris, Michael J. Ohlmeyer, Vidyadhar M. Paradkar, Chongwu Zhang, and Rui Zhang** do hereby assign, transfer and set over, unto **Pharmacoepia, Inc.**, its successors, legal representatives and assigns, the entire right title and interest in, to and under said improvements, of said provisional application - including the right to claim priority to said application - all non-provisional patent applications arising therefrom, and all divisions, renewals and continuations thereof, and all Letters Patent which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and We hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to **Pharmacoepia, Inc.**, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

AND WE HEREBY covenant that We have full right to convey the entire interest herein assigned, and that We have not executed, and will not execute, any agreement in conflict herewith;

AND WE HEREBY further covenant and agree that We will communicate to **Pharmacoepia, Inc.**, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid **Pharmacoepia, Inc.**, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

AND WE HEREBY grant Heslin Rothenberg Farley & Mesiti, P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day of _____, 200__.

Jinqi Liu

STATE OF NEW JERSEY)
)ss:
COUNTY OF _____)

On this ____ day of _____, 200__, before me personally came **Jinqi Liu**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he/she acknowledged the same to be his free act and deed.

Notary Public

SIGNED this 21st day of September 2008.

Ruiyan Liu

Ruiyan Liu

Lawrence W. Blid

Witness

[Signature]

Witness

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day of _____, 200__.

James Robert Merritt

STATE OF NEW JERSEY)
)ss:
COUNTY OF _____)

On this ____ day of _____, 200__, before me personally came **James Robert Merritt**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he/she acknowledged the same to be his free act and deed.

Notary Public

SIGNED this ____ day of _____ 2008

Michelle Morris

Witness

Witness

SIGNED this ____ day of _____ 2008.

Michael J. Ohlmeyer

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day of _____, 200__.

Chongwu Zhang,

STATE OF NEW JERSEY)
)ss:
COUNTY OF _____)

On this ____ day of _____, 200__, before me personally came **Chongwu Zhang**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he/she acknowledged the same to be his free act and deed.

Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day of _____, 200__.

Rui Zhang

STATE OF NEW JERSEY)
)ss:
COUNTY OF _____)

On this ____ day of _____, 200__, before me personally came **Rui Zhang**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he/she acknowledged the same to be his free act and deed.

Notary Public

ASSIGNMENT

WHEREAS, We,

Marc Brescia, a citizen of the United States of America, residing at 1606 Blossom Circle, Dayton, New Jersey 08810 USA;

Ray James, a citizen of the United States of America, residing at 6263 Sterling Avenue, Bensalem, New Jersey 19020 USA;

Jinqi Liu, a citizen of the United States of America, residing at 66 Franklin Drive, Plainsboro, New Jersey 08536 USA;

Ruiyan Liu, a citizen of the United States of America residing at 496 Kings Road, Yardley, Pennsylvania 19067 USA;

James Robert Merritt, a citizen of the United States of America, residing at 14 Gloucester Lane, Ewing, New Jersey 08618 USA;

Michelle Morris, a citizen of the United States of America, residing at 10 Carla Way Lawrenceville, New Jersey 08648 USA;

Michael J. Ohlmeyer, a citizen of the United States of America, residing at 6 Beechtree Lane, Plainsboro, New Jersey 08536 USA;

Vidyadhar M. Paradkar, a citizen of the United States of America, residing at 3 Pine Ridge Drive, Somerville, New Jersey 08876 USA;

Chongwu Zhang, a citizen of P.R. China, residing at 503 Yarrow Circle, Dayton, New Jersey 08810 USA; and

Rui Zhang, a citizen of P. R. China, residing at 7402 Tamarron Drive, Plainsboro, New Jersey 08536 USA;

have invented certain new and useful improvements in

**ORTHO PYRROLIDINE, BENZYL-SUBSTITUTED HETEROCYCLE CCR1
ANTAGONISTS FOR AUTOIMMUNE DISEASES & INFLAMMATION**

which are the subject of United States Provisional Patent Application Serial Number **60/977,675** and filed with the United States Patent and Trademark Office on **October 5, 2007**; and

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NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which We hereby acknowledge, We, **Marc Brescia, Ray James, Jinqi Liu, Ruiyan Liu, James Robert Merritt, Michelle Morris, Michael J. Ohlmeyer, Vidyadhar M. Paradkar, Chongwu Zhang, and Rui Zhang** do hereby assign, transfer and set over, unto **Pharmacopeia, Inc.**, its successors, legal representatives and assigns, the entire right title and interest in, to and under said improvements, of said provisional application - including the right to claim priority to said application - all non-provisional patent applications arising therefrom, and all divisions, renewals and continuations thereof, and all Letters Patent which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and We hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to **Pharmacopeia, Inc.**, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

AND WE HEREBY covenant that We have full right to convey the entire interest herein assigned, and that We have not executed, and will not execute, any agreement in conflict herewith;

AND WE HEREBY further covenant and agree that We will communicate to **Pharmacopeia, Inc.**, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid **Pharmacopeia, Inc.**, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

AND WE HEREBY grant Heslin Rothenberg Farley & Mesiti, P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day of _____, 200__.

Jinqi Liu

STATE OF NEW JERSEY)
)ss:
COUNTY OF _____)

On this ____ day of _____, 200__, before me personally came **Jinqi Liu**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he/she acknowledged the same to be his free act and deed.

Notary Public

SIGNED this _____ day of _____ 2008.

Ruiyan Liu

Witness

Witness

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day of _____, 200__.

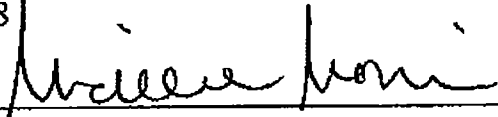
James Robert Merritt

STATE OF NEW JERSEY)
)ss:
COUNTY OF _____)


On this ___ day of _____, 200__, before me personally came **James Robert Merritt**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he/she acknowledged the same to be his free act and deed.

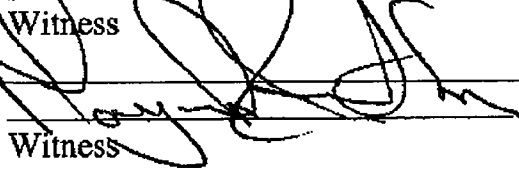
Notary Public

SIGNED this 19 day of September 2008



Michelle Morris



Witness


Witness

SIGNED this _____ day of _____ 2008.

Michael J. Ohlmeyer

Docket No. 1073.120P

ASSIGNMENT

WHEREAS, We,

Marc Brescia, a citizen of the United States of America, residing at 1606 Blossom Circle, Dayton, New Jersey 08810 USA;

Ray James, a citizen of the United States of America, residing at 6263 Sterling Avenue, Bensalem, New Jersey 19020 USA;

Jinqi Liu, a citizen of the United States of America, residing at 66 Franklin Drive, Plainsboro, New Jersey 08536 USA;

Ruiyan Liu, a citizen of the United States of America residing at 496 Kings Road, Yardley, Pennsylvania 19067 USA;

James Robert Merritt, a citizen of the United States of America, residing at 14 Gloucester Lane, Ewing, New Jersey 08618 USA;

Michelle Morris, a citizen of the United States of America, residing at 10 Carla Way Lawrenceville, New Jersey 08648 USA;

Michael J. Ohlmeyer, a citizen of the United States of America, residing at 6 Beechtree Lane, Plainsboro, New Jersey 08536 USA;

Vidyadhar M. Paradkar, a citizen of the United States of America, residing at 3 Pine Ridge Drive, Somerville, New Jersey 08876 USA;

Chongwu Zhang, a citizen of P.R. China, residing at 503 Yarrow Circle, Dayton, New Jersey 08810 USA; and

Rui Zhang, a citizen of P. R. China, residing at 7402 Tamarron Drive, Plainsboro, New Jersey 08536 USA;

have invented certain new and useful improvements in

**ORTHO PYRROLIDINE, BENZYL-SUBSTITUTED HETEROCYCLE CCR1
ANTAGONISTS FOR AUTOIMMUNE DISEASES & INFLAMMATION**

which are the subject of United States Provisional Patent Application Serial Number 60/977,675 and filed with the United States Patent and Trademark Office on **October 5, 2007**; and

WHEREAS, **Pharmacopeia, Inc.** having offices at 3000 Eastpark Blvd., Cranbury, New Jersey 08512, is desirous of obtaining the entire right, title and interest in, to and under said improvements and said application; and

Docket No. 1073.120P

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which We hereby acknowledge, We, **Marc Brescia, Ray James, Jinqi Liu, Ruiyan Liu, James Robert Merritt, Michelle Morris, Michael J. Ohlmeyer, Vidyadhar M. Paradkar, Chongwu Zhang, and Rui Zhang** do hereby assign, transfer and set over, unto **Pharmacopeia, Inc.**, its successors, legal representatives and assigns, the entire right title and interest in, to and under said improvements, of said provisional application - including the right to claim priority to said application - all non-provisional patent applications arising therefrom, and all divisions, renewals and continuations thereof, and all Letters Patent which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and We hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to **Pharmacopeia, Inc.**, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

AND WE HEREBY covenant that We have full right to convey the entire interest herein assigned, and that We have not executed, and will not execute, any agreement in conflict herewith;

AND WE HEREBY further covenant and agree that We will communicate to **Pharmacopeia, Inc.**, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid **Pharmacopeia, Inc.**, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

AND WE HEREBY grant Heslin Rothenberg Farley & Mesiti, P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Docket No. 1073.120P

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day of _____, 200__.

Marc Brescia

STATE OF NEW JERSEY)
)ss:
COUNTY OF _____)

On this ____ day of _____, 200__, before me personally came **Marc Brescia**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he/she acknowledged the same to be his free act and deed.

Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day of _____, 200__.

Ray James

STATE OF NEW JERSEY)
)ss:
COUNTY OF _____)

On this ____ day of _____, 200__, before me personally came **Ray James**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he/she acknowledged the same to be his free act and deed.

Notary Public

Docket No. 1073.120P

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day of _____, 200__.

Jinqi Liu

STATE OF NEW JERSEY)
)ss:
COUNTY OF _____)

On this ____ day of _____, 200__, before me personally came **Jinqi Liu**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he/she acknowledged the same to be his free act and deed.

Notary Public

SIGNED this ____ day of _____ 2008.

Ruiyan Liu

Witness

Witness

Docket No. 1073.120P

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day of _____, 200__.

James Robert Merritt

STATE OF NEW JERSEY)
)ss:
COUNTY OF _____)

On this ____ day of _____, 200__, before me personally came **James Robert Merritt**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he/she acknowledged the same to be his free act and deed.

Notary Public

SIGNED this ____ day of _____ 2008

Michelle Morris

Witness

Witness

Docket No. 1073.120P

SIGNED this _____ day of _____ 2008.

Michael J. Ohlmeyer

Witness

Witness

SIGNED this 24th day of September 2008.



Vidyadhar M. Paradkar

Alparadkar (ALKA PARADKAR)
Witness

Ameya Paradkar (AMEYA PARADKAR)
Witness

Docket No. 1073.120P

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day of _____, 200__.

Chongwu Zhang,

STATE OF NEW JERSEY)
)ss:
COUNTY OF _____)

On this __ day of _____, 200__, before me personally came **Chongwu Zhang**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he/she acknowledged the same to be his free act and deed.

Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day of _____, 200__.

Rui Zhang

STATE OF NEW JERSEY)
)ss:
COUNTY OF _____)

On this __ day of _____, 200__, before me personally came **Rui Zhang**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he/she acknowledged the same to be his free act and deed.

Notary Public