

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Nagasree Chakka	09/13/2005
Mikhail Chafeev	09/13/2005
Sultan Chowdhury	09/13/2005
Jian-Min Fu	09/13/2005
Duanjie Hou	09/13/2005
Rajender Kamboj	08/16/2005
Vishnumurthy Kodumuru	09/13/2005
Shifeng Liu	09/13/2005
Vandna Raina	09/13/2005
Shaoyi Sun	09/13/2005
Serguei Sviridov	09/13/2005
Michael D. Winther	09/15/2005
Zaihui Zhang	09/15/2005
Heinz W. Gschwend	08/18/2005

RECEIVING PARTY DATA

Name:	Xenon Pharmaceuticals Inc.
Street Address:	3650 Gilmore Way
City:	Burnaby
State/Country:	BRITISH COLUMBIA
Postal Code:	V5G 4W8

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11055034

CORRESPONDENCE DATA

Fax Number: (206)682-6031

CH \$40.00 11055034

500060535

PATENT
REEL: 016779 FRAME: 0098

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

Phone: 206-622-4900
Email: carolw@seedIP.com
Correspondent Name: Carol J. Roth
Address Line 1: 701 Fifth Avenue
Address Line 2: Suite 6300
Address Line 4: Seattle, WASHINGTON 98104-7092

ATTORNEY DOCKET NUMBER:	980057.405C1-1OF3
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NAME OF SUBMITTER:	Carol J. Roth
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Total Attachments: 17

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ASSIGNMENT


WHEREAS, we, **Nagasree Chakka**, having a residence address of 211-6577 Royal Oak Avenue, Burnaby, British Columbia, Canada V5H 3P3; **Mikhail Chafeev**, having a residence address of 2919 East 56th Avenue, Vancouver, British Columbia, Canada V5S 2A2; **Sultan Chowdhury**, having a residence address of 97 Orleans Drive, Scarborough, Ontario, Canada M1C 4Y3; **Jian-Min Fu**, having a residence address of 804-4288 Grange Street, Burnaby, British Columbia, Canada V5H 1P2; **Duanjie Hou**, having a residence address of 208-5050 Sanders Street, Burnaby, British Columbia, Canada V5H 1T1; **Rajender Kamboj**, having a residence address of 5809 Sperling Avenue, Burnaby, British Columbia, Canada V5E 2T6; **Vishnumurthy Kodumuru**, 211-6577 Royal Oak Avenue, Burnaby, British Columbia, Canada V5H 3P3; **Shifeng Liu**, having a residence address of 15-2615 Fortress Drive, Port Coquitlam, British Columbia, Canada V3C 6E8; **Vandna Raina**, having a residence address of PH3, 2763 Chandlery Place, Vancouver, British Columbia, Canada V5S 4V4; **Shaoyi Sun**, having a residence address of 407-1029 East Broadway, Vancouver, British Columbia, Canada V5T 1Y8; **Serguei Sviridov**, having a residence address of 1904-5885 Olive Avenue, Burnaby, British Columbia, Canada V5H 4N8; **Michael D. Winther**, having a residence address of 1935 West 14th Avenue, Vancouver, British Columbia, Canada V6J 2K1; **Zaihui Zhang**, having a residence address of 4038 MacDonald Street, Vancouver, British Columbia, Canada V6L 2N9; and **Heinz W. Gschwend**, having a residence address of 161 Meadowcroft Way, Santa Rosa, California 95403 (hereinafter referred to as ASSIGNORS), are the joint inventors of an invention with Melwyn Abreo, Mark W. Holladay, Wenbao Li, Sengen Sun and Chi Tu entitled "**PYRIDAZINE DERIVATIVES AND THEIR USE AS THERAPEUTIC AGENTS**," as described and claimed in the specification for which an application for United States letters patent was filed on **February 9, 2005** and assigned Application No. **11/055,034**. This application is a continuation-in-part of U.S. Patent Application No. 10/901,563 filed July 29, 2004; which claims the benefit of U.S. Provisional Patent Application No. 60/553,491 filed March 16, 2004; U.S. Provisional Patent Application No. 60/553,404 filed March 16, 2004; U.S. Provisional Patent Application No. 60/553,403 filed March 16, 2004; U.S. Provisional Patent Application No. 60/553,446 filed March 16, 2004; U.S. Provisional Patent Application No. 60/553,416 filed March 16, 2004; U.S. Provisional Patent Application No. 60/546,815 filed February 23, 2004; U.S. Provisional Patent Application No. 60/546,898 filed February 23, 2004; U.S. Provisional Patent Application No. 60/546,786 filed February 23, 2004; U.S. Provisional Patent Application No. 60/546,934 filed February 23, 2004; U.S. Provisional Patent Application No. 60/546,820 filed February 23, 2004; and U.S. Provisional Patent Application No. 60/491,095 filed July 30, 2003.

WHEREAS, **Xenon Pharmaceuticals Inc.** (hereinafter referred to as ASSIGNEE), a corporation incorporated under the laws of Canada having a place of business at 3650 Gilmore Way, Burnaby, British Columbia, Canada V5G 4W8, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

This Assignment is effective as of February 9, 2005.

13 Sept 2005
Date


Nagasree Chakka

Province of British Columbia)
Country of Canada) ss.

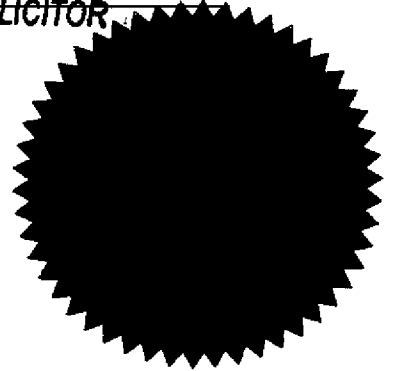
I certify that I know or have satisfactory evidence that Nagasree Chakka is the person who appeared before me, and said person acknowledged that he/she signed this instrument and acknowledged it to be his/her free and voluntary act for the uses and purposes mentioned in the instrument.

Dated Sept. 13, 2005

Signature of
Notary Public 

Printed Name THONG NGOC TRINH
BARRISTER & SOLICITOR

My appointment never expires.



September 13, 2005
Date

Mikhail Chafeev

Province of British Columbia)
Country of Canada) ss.

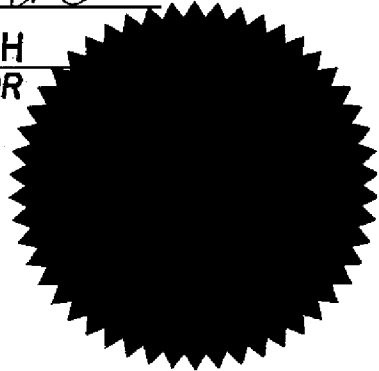
I certify that I know or have satisfactory evidence that Mikhail Chafeev is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated Sept 13, 2005

Signature of Notary Public Thong Trinh

Printed Name THONG NGOC TRINH
BARRISTER & SOLICITOR

My appointment never expires.



Sept 13th / 2005.
Date

Sultan Chowdhury
Sultan Chowdhury

Province of B.C.)
Country of Canada) ss.

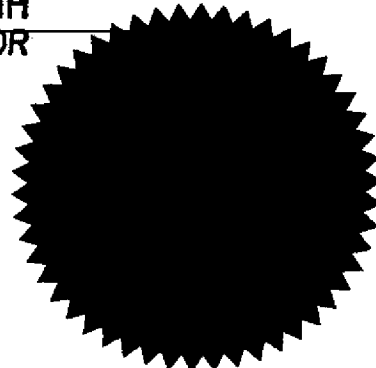
I certify that I know or have satisfactory evidence that Sultan Chowdhury is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated Sept. 13, 2005

Signature of
Notary Public Thong Trinh

Printed Name THONG NGOC TRINH
BARRISTER & SOLICITOR

My appointment never expires.



Sept 13, 2005
Date

Jian-Min Fu
Jian-Min Fu

Province of British Columbia)
Country of Canada) ss.

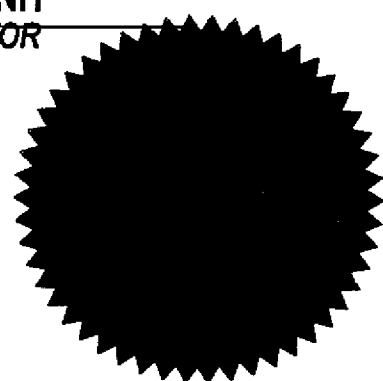
I certify that I know or have satisfactory evidence that Jian-Min Fu is the person who appeared before me, and said person acknowledged that he/she signed this instrument and acknowledged it to be his/her free and voluntary act for the uses and purposes mentioned in the instrument.

Dated Sept 13, 2005

Signature of Notary Public Thong Trinh

Printed Name THONG NGOC TRINH
BARRISTER & SOLICITOR

My appointment never expires.



September 13, 2005

Date

Duanjie Hou

Duanjie Hou

Province of British Columbia

Country of Canada

)
) ss.
)

I certify that I know or have satisfactory evidence that Duanjie Hou is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated

Sept. 13, 2005

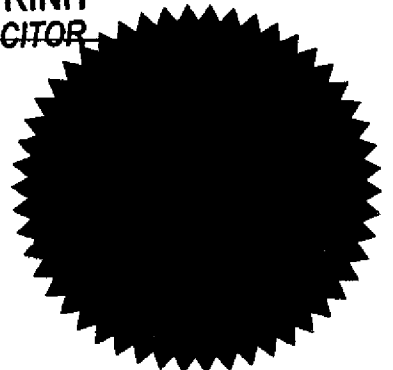
Signature of
Notary Public

Thong Trinh

Printed Name

THONG NGOC TRINH
BARRISTER & SOLICITOR

My appointment never expires.



Date Aug 16/05

Rajender Kamboj

Province of British Columbia)
Country of Canada) ss.

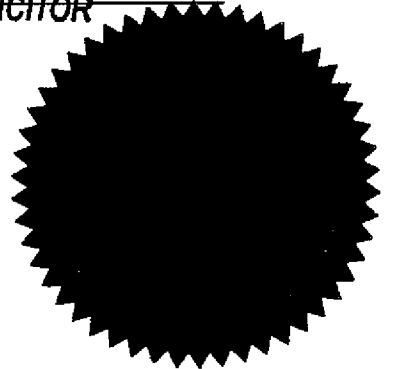
I certify that I know or have satisfactory evidence that Rajender Kamboj is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated Aug 16, 2005

Signature of Notary Public Thong Trinh

Printed Name THONG NGOC TRINH
BARRISTER & SOLICITOR

My appointment never expires.



Sept 13, 05 K. Vishnumurthy
Date **Vishnumurthy Kodumuru**

Province of British Columbia)
Country of Canada) ss.

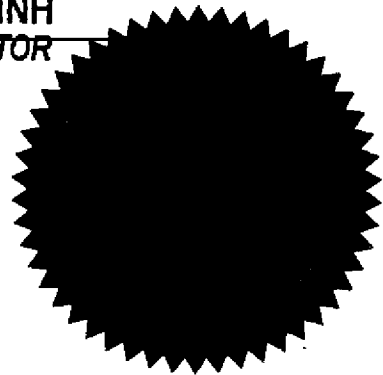
I certify that I know or have satisfactory evidence that **Vishnumurthy Kodumuru** is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated Sept 13, 2005

Signature of Notary Public Thong Trinh

Printed Name **THONG NGOC TRINH**
BARRISTER & SOLICITOR

My appointment never expires.



Sept 13, 2005
Date

Shifeng Liu
Shifeng Liu

Province of British Columbia)
Country of Canada) ss.

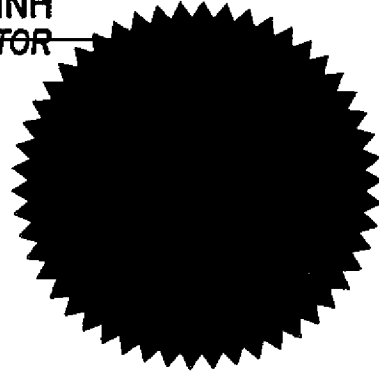
I certify that I know or have satisfactory evidence that Shifeng Liu is the person who appeared before me, and said person acknowledged that he/she signed this instrument and acknowledged it to be his/her free and voluntary act for the uses and purposes mentioned in the instrument.

Dated Sept. 13, 2005

Signature of Notary Public Thong Trinh

Printed Name THONG NGOC TRINH
BARRISTER & SOLICITOR

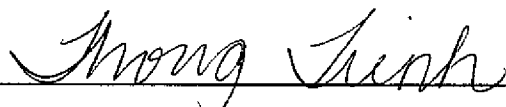
My appointment never expires.

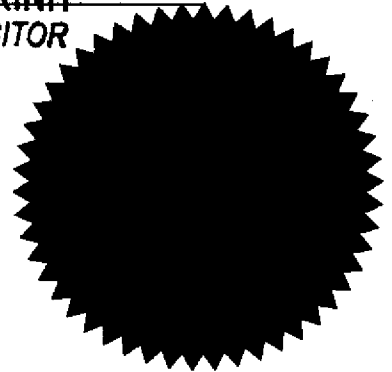


9-13-05 
Date **Vandna Raina**

Province of British Columbia)
Country of Canada) ss.

I certify that I know or have satisfactory evidence that Vandna Raina is the person who appeared before me, and said person acknowledged that he/she signed this instrument and acknowledged it to be his/her free and voluntary act for the uses and purposes mentioned in the instrument.

Dated Sept. 13, 2005
Signature of Notary Public 
Printed Name THONG NGOC TRINH
My appointment never expires. **BARRISTER & SOLICITOR**



Sept. 13, 2005
Date

Shaoyi Sun
Shaoyi Sun

Province of British Columbia)
Country of Canada) ss.

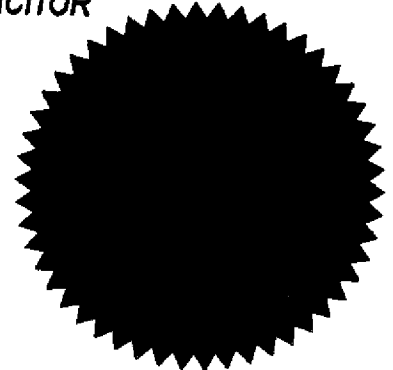
I certify that I know or have satisfactory evidence that Shaoyi Sun is the person who appeared before me, and said person acknowledged that he/she signed this instrument and acknowledged it to be his/her free and voluntary act for the uses and purposes mentioned in the instrument.

Dated Sept. 13, 2005

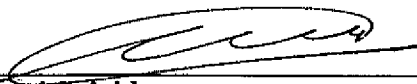
Signature of Notary Public Thong Trinh

Printed Name THONG NGOC TRINH
BARRISTER & SOLICITOR

My appointment never expires.




Sept 13, 2005
Date


Serguei Sviridov

Province of British Columbia)
Country of Canada) ss.

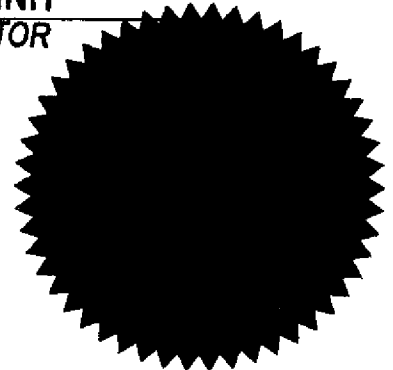
I certify that I know or have satisfactory evidence that Serguei Sviridov is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated Sept. 13, 2005

Signature of Notary Public 

Printed Name THONG NGOC TRINH
BARRISTER & SOLICITOR

My appointment never expires.



September 15, 2005
Date

Michael D. Winther
Michael D. Winther

Province of British Columbia)
Country of Canada) ss.

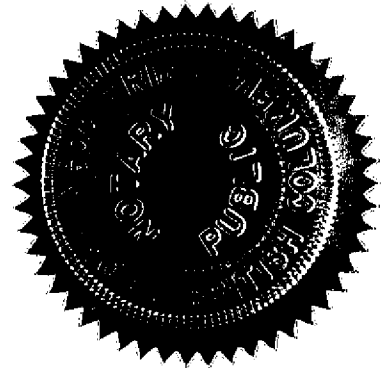
I certify that I know or have satisfactory evidence that Michael D. Winther is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated Sept. 15, 2005

Signature of
Notary Public Thong Trinh

Printed Name THONG NGOC TRINH
BARRISTER & SOLICITOR

My appointment never expires.



Sept. 15, 2005
Date

Zhaihui Zhang
Zaihui Zhang

Province of British Columbia)
Country of Canada) ss.

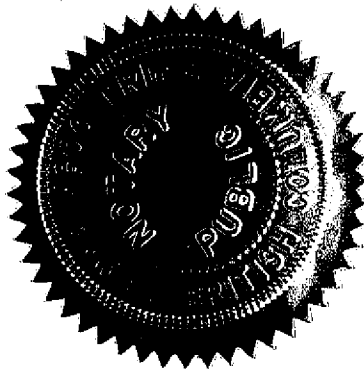
I certify that I know or have satisfactory evidence that Zaihui Zhang is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated Sept. 15, 2005

Signature of Notary Public Thong Trinh

Printed Name THONG NGOC TRINH
BARRISTER & SOLICITOR

My appointment never expires.



August 18, 2005
Date

Heinz W. Gschwend
Heinz W. Gschwend

State of California)
County of _____) ss.

I certify that I know or have satisfactory evidence that Heinz W. Gschwend is the person who appeared before me, and said person acknowledged that he/she signed this instrument and acknowledged it to be his/her free and voluntary act for the uses and purposes mentioned in the instrument.

Dated _____

Signature of Notary Public _____
Notary Certificate Attached

Printed Name _____

My appointment expires _____

980057.405C1 : 584793_1.DOC

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of

Sonoma

SS.

On

8-18-05

Date

, before me,

Kimberlee Keller

Name and Title of Officer (e.g., "Jane Doe, Notary Public")

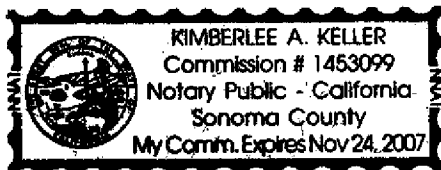
personally appeared

Heinz W. Gschwend

Name(s) of Signer(s)

☐ personally known to me

☒ proved to me on the basis of satisfactory evidence



to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Kimberlee Keller

Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____

Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer

Signer's Name: _____

☐ Individual

☐ Corporate Officer — Title(s): _____

☐ Partner — ☐ Limited ☐ General

☐ Attorney in Fact

☐ Trustee

☐ Guardian or Conservator

☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER

Top of thumb here

PATENT

RECORDED: 11/15/2005

REEL: 016779 FRAME: 0116