

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>David G. Hangauer Jr.</td><td>06/16/2009</td></tr><tr><td>Debasis Patra</td><td>06/24/2009</td></tr><tr><td>Jeremy A. Cody</td><td>06/23/2009</td></tr><tr><td>Grant J. Palmer</td><td>06/16/2009</td></tr><tr><td>Paul K. Isbester</td><td>06/19/2009</td></tr><tr><td>Jonathon Salsbury</td><td>06/22/2009</td></tr></tbody></table>		Name	Execution Date	David G. Hangauer Jr.	06/16/2009	Debasis Patra	06/24/2009	Jeremy A. Cody	06/23/2009	Grant J. Palmer	06/16/2009	Paul K. Isbester	06/19/2009	Jonathon Salsbury	06/22/2009
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Paul K. Isbester	06/19/2009														
Jonathon Salsbury	06/22/2009														
RECEIVING PARTY DATA															
Name:	Kinex Pharmaceuticals, LLC														
Street Address:	701 Ellicott Street														
Internal Address:	NY Center for Excellence in Bioinformatics and Life Sciences														
City:	Buffalo														
State/Country:	NEW YORK														
Postal Code:	14203														
PROPERTY NUMBERS Total: 1															
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12468694</td></tr></tbody></table>		Property Type	Number	Application Number:	12468694										
Property Type	Number														
Application Number:	12468694														
CORRESPONDENCE DATA															
Fax Number:	(617)542-2241														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	(617) 542-6000														
Email:	jfoley@mintz.com														
Correspondent Name:	Ivor R. Elrifi														
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Address Line 2:	Mintz, Levin														
Address Line 4:	Boston, MASSACHUSETTS 02111														
ATTORNEY DOCKET NUMBER:	28856-508003US														

OP \$40.00 12468694

500903770

PATENT  
REEL: 022920 FRAME: 0553

NAME OF SUBMITTER:

Jennifer L. Loebach

**Total Attachments: 10**

source=28856-508003US Assignment from newly added inventors#page1.tif

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Via EFS  
Date of Deposit:

Attorney Docket No.: 28856-508003US

## ASSIGNMENT

We, **David G. Hangauer, Jr., Debasis Patra, Jeremy A. Cody, Grant J. Palmer, Paul K. Isbester, and Jonathon Salsbury**, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, confirm that we have sold and assigned, and do hereby assign, sell and transfer to **Kinex Pharmaceuticals, LLC, with its principal place of business at 701 Ellicott Street, NY Center for Excellence in Bioinformatics and Life Sciences, Buffalo, New York 14203**, and to its successors, assigns and legal representatives, collectively hereinafter referred to as the ASSIGNEE: (1) our entire right, title and interest for the United States and in all countries, in and to any and all inventions, discoveries and applications which are disclosed in the application for United States Letters Patent entitled:

### COMPOSITIONS FOR MODULATING A KINASE CASCADE AND METHODS OF USE THEREOF

filed with the U.S. Patent and Trademark Office on **May 19, 2009** and assigned Application No. **12/468,694**, including any subsequently filed utility applications, which claim priority to Application No. **12/468,694**, and including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my/our names as the ASSIGNEE, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

We agree, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

First Inventor : David G. Hangauer, Jr.  
Application No. : 12/468,694  
Filed : May 19, 2009  
Page 2 of 5

We further agree at any time to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

We hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

We further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

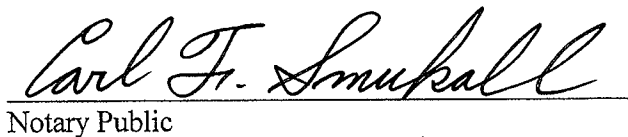
Date: 6/16/09

  
Signature of: DAVID G. HANGAUER, JR.

State of New York

County of Erie

On this 16th day of June, 2009, before me, the undersigned notary public, personally appeared DAVID G. HANGAUER, JR., proved to me through satisfactory evidence of identification, which was a drivers license, to be the person whose name is signed on this document and who swore or affirmed to me that the contents of this document are truthful and accurate to the best of his/her knowledge and belief.

  
Notary Public

My commission expires 5/06/11

CARL F. SMUKALL  
Notary Public, State of New York  
No. 4981241  
Qualified in Genesee County  
Commission Expires May 6, 2011

First Inventor : David G. Hangauer, Jr.  
Application No. : 12/468,694  
Filed : May 19, 2009  
Page 3 of 5

Date: 6/24/09

*Debasis Patra*

Signature of: **DEBASIS PATRA**

State of New York  
County of Onondaga

On this 24 day of June, 2009, before me, the undersigned notary public, personally appeared **DEBASIS PATRA**, proved to me through satisfactory evidence of identification, which was a NY ID, to be the person whose name is signed on this document and who swore or affirmed to me that the contents of this document are truthful and accurate to the best of his/her knowledge and belief.

Brian M Crandall  
Notary Public, State of New York  
Registered in Onondaga County  
Registration # 01CR6090044  
My Commission Exp. April 7, 2011

*Brian M Crandall*  
Notary Public

My commission expires 4/7/11

Date: \_\_\_\_\_

Signature of: **JEREMY A. CODY**

State of \_\_\_\_\_  
County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2009, before me, the undersigned notary public, personally appeared **JEREMY A. CODY**, proved to me through satisfactory evidence of identification, which was a \_\_\_\_\_, to be the person whose name is signed on this document and who swore or affirmed to me that the contents of this document are truthful and accurate to the best of his/her knowledge and belief.

Notary Public

My commission expires \_\_\_\_\_

First Inventor : David G. Hangauer, Jr.  
Application No. : 12/468,694  
Filed : May 19, 2009  
Page 4 of 5

Date: 6/16/2009

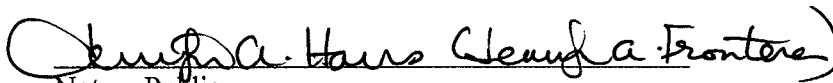
  
Signature of: **GRANT J. PALMER**

State of New York

County of Albany

On this 16<sup>th</sup> day of June, 2009, before me, the undersigned notary public, personally appeared **GRANT J. PALMER**, proved to me through satisfactory evidence of identification, which was a drivers license, to be the person whose name is signed on this document and who swore or affirmed to me that the contents of this document are truthful and accurate to the best of his/her knowledge and belief.

**JENNIFER A. HANS**  
Notary Public, State of New York  
No. 01HA6136461  
Qualified in Rensselaer County  
Commission Expires November 7, 2009

  
Notary Public

My commission expires 11/7/09

First Inventor : David G. Hangauer, Jr.  
Application No. : 12/468,694  
Filed : May 19, 2009  
Page 5 of 5

Date: 6/19/09

PK/ISB  
Signature of: PAUL K. ISBESTER

State of New York

County of Albany

On this 19<sup>th</sup> day of June, 2009, before me, the undersigned notary public, personally appeared **PAUL K. ISBESTER**, proved to me through satisfactory evidence of identification, which was a Drivers License, to be the person whose name is signed on this document and who swore or affirmed to me that the contents of this document are truthful and accurate to the best of his/her knowledge and belief.

**JENNIFER A. HANS**  
Notary Public, State of New York  
No. 01HA6136461  
Qualified in Rensselaer County  
Commission Expires November 7, 2009

Jennifer A. Hans  
Notary Public

My commission expires 11/7/09

Date: \_\_\_\_\_

Signature of: JONATHON SALSBUURY

State of \_\_\_\_\_

County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2009, before me, the undersigned notary public, personally appeared **JONATHON SALSBUURY**, proved to me through satisfactory evidence of identification, which was a \_\_\_\_\_, to be the person whose name is signed on this document and who swore or affirmed to me that the contents of this document are truthful and accurate to the best of his/her knowledge and belief.

\_\_\_\_\_  
Notary Public

My commission expires \_\_\_\_\_

4638642v.1

Via EFS

Date of Deposit:

Attorney Docket No.: 28856-508003US

## ASSIGNMENT

We, **David G. Hangauer, Jr., Debasis Patra, Jeremy A. Cody, Grant J. Palmer, Paul K. Isbester, and Jonathon Salsbury**, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, confirm that we have sold and assigned, and do hereby assign, sell and transfer to **Kinex Pharmaceuticals, LLC, with its principal place of business at 701 Ellicott Street, NY Center for Excellence in Bioinformatics and Life Sciences, Buffalo, New York 14203**, and to its successors, assigns and legal representatives, collectively hereinafter referred to as the ASSIGNEE: (1) our entire right, title and interest for the United States and in all countries, in and to any and all inventions, discoveries and applications which are disclosed in the application for United States Letters Patent entitled:

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First Inventor : David G. Hangauer, Jr.  
Application No. : 12/468,694  
Filed : May 19, 2009  
Page 2 of 5

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Date: \_\_\_\_\_

Signature of: **DAVID G. HANGAUER, JR.**

State of \_\_\_\_\_

County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2009, before me, the undersigned notary public, personally appeared **DAVID G. HANGAUER, JR.**, proved to me through satisfactory evidence of identification, which was a \_\_\_\_\_, to be the person whose name is signed on this document and who swore or affirmed to me that the contents of this document are truthful and accurate to the best of his/her knowledge and belief.

\_\_\_\_\_  
Notary Public

My commission expires \_\_\_\_\_

First Inventor : David G. Hangauer, Jr.  
Application No. : 12/468,694  
Filed : May 19, 2009  
Page 3 of 5

Date: \_\_\_\_\_

Signature of: **DEBASIS PATRA**

State of \_\_\_\_\_

County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2009, before me, the undersigned notary public, personally appeared **DEBASIS PATRA**, proved to me through satisfactory evidence of identification, which was a \_\_\_\_\_, to be the person whose name is signed on this document and who swore or affirmed to me that the contents of this document are truthful and accurate to the best of his/her knowledge and belief.

\_\_\_\_\_  
Notary Public

My commission expires \_\_\_\_\_

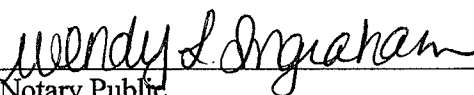
Date: 6/23/2009

  
Signature of: **JEREMY A. CODY**

State of NEW YORK

County of MONROE

On this 23<sup>rd</sup> day of JUNE, 2009, before me, the undersigned notary public, personally appeared **JEREMY A. CODY**, proved to me through satisfactory evidence of identification, which was a drivers license, to be the person whose name is signed on this document and who swore or affirmed to me that the contents of this document are truthful and accurate to the best of his/her knowledge and belief.

  
Notary Public

My commission expires 08/07/2010

WENDY L. INGRAHAM  
Notary Public, State of New York  
Qualified in Orleans County  
Commission Expires Aug. 7, 20 10

First Inventor : David G. Hangauer, Jr.  
Application No. : 12/468,694  
Filed : May 19, 2009  
Page 4 of 5

Date: \_\_\_\_\_

Signature of: GRANT J. PALMER

State of \_\_\_\_\_

County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2009, before me, the undersigned notary public, personally appeared **GRANT J. PALMER**, proved to me through satisfactory evidence of identification, which was a \_\_\_\_\_, to be the person whose name is signed on this document and who swore or affirmed to me that the contents of this document are truthful and accurate to the best of his/her knowledge and belief.

\_\_\_\_\_  
Notary Public

My commission expires \_\_\_\_\_

First Inventor : David G. Hangauer, Jr.  
Application No. : 12/468,694  
Filed : May 19, 2009  
Page 5 of 5

Date: \_\_\_\_\_

Signature of: **PAUL K. ISBESTER**

State of \_\_\_\_\_

County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2009, before me, the undersigned notary public, personally appeared **PAUL K. ISBESTER**, proved to me through satisfactory evidence of identification, which was a \_\_\_\_\_, to be the person whose name is signed on this document and who swore or affirmed to me that the contents of this document are truthful and accurate to the best of his/her knowledge and belief.

\_\_\_\_\_  
Notary Public

My commission expires \_\_\_\_\_

Date: 22 Jun 2009

\_\_\_\_\_  
Signature of: **JONATHON SALSURY**

State of Wisconsin

County of Dane

On this 22<sup>nd</sup> day of June, 2009, before me, the undersigned notary public, personally appeared **JONATHON SALSURY**, proved to me through satisfactory evidence of identification, which was a driver's license, to be the person whose name is signed on this document and who swore or affirmed to me that the contents of this document are truthful and accurate to the best of his/her knowledge and belief.



\_\_\_\_\_  
Signature of: **Kathy Shanks**  
Notary Public

My commission expires January 22, 2012

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