

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
iTherX Pharmaceuticals, Inc.	09/08/2011
RECEIVING PARTY DATA	
Name:	iTherX Pharma, Inc.
Street Address:	10790 Roselle Street
City:	San Diego
State/Country:	CALIFORNIA
Postal Code:	92121
PROPERTY NUMBERS Total: 5	
Property Type	Number
Application Number:	12949646
Application Number:	12637714
Application Number:	12637712
Patent Number:	7749999
Application Number:	61510000
CORRESPONDENCE DATA	
Fax Number:	(858)314-1150
Phone:	858-314-1200
Email:	scgenua@jonesday.com, mvdiaz@jonesday.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	JONES DAY
Address Line 1:	222 East 41st Street
Address Line 2:	Sandra Genua
Address Line 4:	New York, NEW YORK 10017-6702
ATTORNEY DOCKET NUMBER:	348548-600001

CH \$200.00 12949646

NAME OF SUBMITTER:

Sandra Genua

**Total Attachments: 32**

source=12767-Assgt-mult-apps#page1.tif  
source=12767-Assgt-mult-apps#page2.tif  
source=12767-Assgt-mult-apps#page3.tif  
source=12767-Assgt-mult-apps#page4.tif  
source=12767-Assgt-mult-apps#page5.tif  
source=12767-Assgt-mult-apps#page6.tif  
source=12767-Assgt-mult-apps#page7.tif  
source=12767-Assgt-mult-apps#page8.tif  
source=12767-Assgt-mult-apps#page9.tif  
source=12767-Assgt-mult-apps#page10.tif  
source=12767-Assgt-mult-apps#page11.tif  
source=12767-Assgt-mult-apps#page12.tif  
source=12767-Assgt-mult-apps#page13.tif  
source=12767-Assgt-mult-apps#page14.tif  
source=12767-Assgt-mult-apps#page15.tif  
source=12767-Assgt-mult-apps#page16.tif  
source=12767-Assgt-mult-apps#page17.tif  
source=12767-Assgt-mult-apps#page18.tif  
source=12767-Assgt-mult-apps#page19.tif  
source=12767-Assgt-mult-apps#page20.tif  
source=12767-Assgt-mult-apps#page21.tif  
source=12767-Assgt-mult-apps#page22.tif  
source=12767-Assgt-mult-apps#page23.tif  
source=12767-Assgt-mult-apps#page24.tif  
source=12767-Assgt-mult-apps#page25.tif  
source=12767-Assgt-mult-apps#page26.tif  
source=12767-Assgt-mult-apps#page27.tif  
source=12767-Assgt-mult-apps#page28.tif  
source=12767-Assgt-mult-apps#page29.tif  
source=12767-Assgt-mult-apps#page30.tif  
source=12767-Assgt-mult-apps#page31.tif  
source=12767-Assgt-mult-apps#page32.tif

## PATENT ASSIGNMENT

This PATENT ASSIGNMENT (the "*Assignment*"), is made and entered into as of September 8, 2011 by IHERX PHARMACEUTICALS, INC., a California corporation (the "*Assignor*") in favor of IHERX PHARMA, INC., a Delaware corporation (the "*Assignee*").

WHEREAS, the Assignee and Assignor are parties to that certain Notice of and Consent to Acceptance of Collateral, dated of even date herewith (the "*Consent*"), pursuant to which the Assignor has, among other things, agreed to assign, transfer, convey, and deliver to the Assignee all of the Assignor's right, title, and interest in and to the Assigned Patents (defined below).

NOW, THEREFORE, in consideration of the promises and covenants set forth in the Consent and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties hereto agree as follows:

1. **Conveyance.** The Assignor hereby assigns, transfers, conveys, and delivers to the Assignee all of the Assignor's right, title and interest in and throughout the United States of America, its territories and all foreign countries, in, to and under all of its issued patents and patent applications, including without limitation those listed on **Schedule A** hereto, including all reissues, divisionals, continuations, continuations-in-part, revisions, reexaminations, extensions and counterparts (whether foreign or domestic) claiming priority to or based on any of the foregoing items, together with all patents issuing therefrom, all inventions and improvements claimed or described in any of the foregoing, all rights to collect royalties, products and proceeds in connection with any of the foregoing (collectively, the "*Assigned Patents*"), and all rights to sue and bring other claims for past, present and future infringement, misappropriation or other violation of any of the foregoing and all rights to recover damages (including attorney's fees and expenses) or lost profits in connection therewith.

2. **Recordation.** The Assignor hereby requests the United States Patent and Trademark Office Commissioner for Patents and any other applicable governmental entity or registrar (including any applicable foreign or international office or registrar), to record the Assignee as the assignee and owner of the Assigned Patents. The Assignor further authorizes the respective patent office or governmental agency in each other jurisdiction to issue any and all patents or certificates of invention which may be granted upon any of the Assigned Patents in the name of the Assignee, as the assignee to the entire interest therein, it being understood that any expense in connection with the execution of such recordation shall be borne by the Assignee.

### 3. Information and Assistance.

3.1 Upon the Assignee's reasonable request and without further compensation, the Assignor shall execute, acknowledge and deliver all such other instruments and documents and shall take all such other actions reasonably necessary or required by law to consummate and make fully effective the transaction contemplated by this Assignment.

3.2 If the Assignor fails to timely comply with Section 3.1 (regardless of fault) and the Assignee is therefore unable to secure the Assignor's signature to any document required to file, prosecute, register or memorialize the assignment of any rights under any Assigned Patents as provided under this Assignment, the Assignor hereby irrevocably designates and appoints the Assignee and the Assignee's duly authorized officers and agents as the Assignor's agents and attorneys-in-fact to act for and on the Assignor's behalf and instead of the Assignor to take all lawfully permitted acts to further the filing, prosecution, registration, memorialization of assignment, issuance and enforcement of rights under such Assigned Patents, all with the same legal force and effect as if executed by the Assignor. The foregoing is deemed a power coupled with an interest and is irrevocable.

**4. Successors and Assigns.** This Assignment and all the provisions hereof shall be binding upon and shall inure to the benefit of the parties hereto and their respective successors and permitted assigns and nothing herein express or implied shall give or be construed to give to any person, other than the parties hereto and their respective successors and permitted assigns, any legal or equitable rights hereunder.

**5. Counterparts.** This Assignment may be executed and delivered (including by facsimile or electronic transmission) in two or more counterparts, each of which when executed and delivered shall be deemed to be an original but all of which taken together shall constitute one and the same agreement.

**6. Section Headings.** The section headings contained in this Assignment are for reference purposes only, and shall not in any way affect the meaning or interpretation of this Assignment.

**7. Consent Controls.** This Assignment is provided pursuant to the Consent, to which reference is made for a further statement of the rights and obligations of the Assignor and the Assignee with respect to the Assigned Patents. Nothing contained in this Assignment shall be deemed to modify, supersede, enlarge, limit or affect the rights of any person under the Consent. If any provision of this Assignment is inconsistent or conflicts with the Consent, the Consent shall control.

**8. Governing Law.** This Assignment shall be governed by, and construed and enforced in accordance with, the laws of the State of California other than conflict of laws principles thereof directing the application of any law other than that of California.

*[Signatures appear on next page]*

IN WITNESS WHEREOF, the undersigned have caused this Patent Assignment to be executed, effective as of the date first written above.

ASSIGNOR:

**iTherX Pharmaceuticals, Inc.**

By: Jeffrey F. McKelvey  
Name: Jeffrey F McKelvey  
Title: CEO

Acknowledged and Accepted:

ASSIGNEE:

**iTherX Pharma, Inc.**

By: Jeffrey F. McKelvey  
Name: Jeffrey F McKelvey  
Title: CEO

**SCHEDULE A TO PATENT ASSIGNMENT**

*(See Attached Schedule)*

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

State of California

County of San Diego }

On Aug. 30, 2011 before me, Tina M. Cox, Notary Public

personally appeared JEFFREY F. McKelvy

CEO of iTherX Pharmaceuticals

who 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 of which the person acted, executed the instrument.



I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Tina M. Cox  
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: Patent Assignment

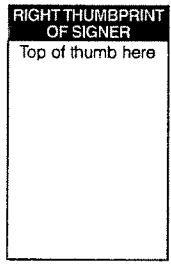
Document Date: 8-30-2011 Number of Pages: 4 with attached

Signer(s) Other Than Named Above: None Schedules

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: JEFFREY F. McKelvy

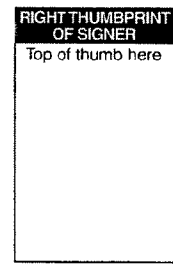
- Individual
- Corporate Officer — Title(s): CEO
- Partner —  Limited  General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_



Signer Is Representing: \_\_\_\_\_

Signer's Name: \_\_\_\_\_

- Individual
- Corporate Officer — Title(s): \_\_\_\_\_
- Partner —  Limited  General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_



Signer Is Representing: \_\_\_\_\_

**Jones Day**  
**Patent Report**  
 (No Actions/No 502's)

Docket No. CAM No.	Country Status	Client Owner	Patent Title	Inventors	App # App Date	Pat # Pat Date
012767-0002-999		iTHERX	METHODS OF TREATING HEPATITIS C VIRUS WITH OXOACETAMIDE COMPOUNDS	JAMES E. MACDONALD McKELVY F. JEFFREY FLOSSIE WONG-STAAAL	12/949,646 November 18, 2010	
348548-999002	United States of America					
	Pending					
Attorneys: DALE L. RIEGER ROGER RICH MARK KAFKA						
012767-0003-999		iTHERX	CYTOKINE INHIBITORS	ERIK BOMAN	12/637,714	7,897,599
348548-999003	United States of America	iTHERX PHARMACEUTICALS, INC.		SUSANA CONDE CEIDE RUSSELL DAHL NANCY G.J. DELAET JUSTIN ERNST ANTONIO GARRIDO MONTALBAN JEFFREY KAHL CHRISTOPHER LARSON STEPHEN MILLER HIROSHI NAKANISHI EDWARD ROBERTS EDDINE SAIAH ROBERT SULLIVAN ZHIJUN WANG	December 14, 2009	March 1, 2011
	Registered					
Attorneys: DALE L. RIEGER ROGER RICH MARK KAFKA						



Jones Day

Patent Report

(No Actions/No 502's)

Docket No. CAM No. Country Status	Client Owner	Patent Title	Inventors	App # App Date	Pat # Pat Date
012767-0004-999	ITHERX	CYTOKINE INHIBITORS	ERIK BOMAN	12/637,712	7,919,617
348548-999004	ITHERX PHARMACEUTICALS, INC.		SUSANA CONDE CEIDE RUSSELL DAHL NANCY G.J. DELAET JUSTIN ERNST ANTONIO GARRIDO MONTALBAN JEFFREY KAHL CHRISTOPHER LARSON STEPHEN MILLER HIROSHI NAKANISHI EDWARD ROBERTS EDDINE SAIAH ROBERT SULLIVAN ZHIJUN WANG	December 14, 2009	April 5, 2011
United States of America					
Registered					

Attorneys: DALE L. RIEGER  
ROGER RICH  
MARK KAFKA

# Jones Day Patent Report

(No Actions/No 502's)

Docket No. CAM No.	Country Status	Client Owner	Patent Title	Inventors	App # App Date	Pat # Pat Date
012767-0005-009		ITHERX	CYTOKINE INHIBITORS	ERIK BOMAN	2006-002853	280146
348548-009005		KEMIA, INC.		SUSANA C. CEIDE RUSSELL DAHL	March 13, 2006	October 19, 2010
	Mexico			NANCY G.J. DELAET		
	Registered			JUSTIN ERNST ANTONIO G. MONTALBAN JEFFREY D. KAHL CHRISTOPHER LARSON STEPHEN MILLER HIROSHI NAKANISHI EDWARD ROBERTS EDDINE SAIAH ROBERT SULLIVAN ZHIJUN WANG		

Attorneys: DALE L. RIEGER  
ROGER RICH  
MARK KAFKA

# Jones Day Patent Report

(No Actions/No 502's)

Docket No. CAM No.	Country Status	Client Owner	Patent Title	Inventors	App # App Date	Pat # Pat Date
012767-0005-056		iTHERX	CYTOKINE INHIBITORS	ERIK BOMAN	791/KOLNP/2006	240583
348548-056005		KEMIA, INC.		SUSANA C. CEIDE RUSSELL DAHL NANCY G.J. DELAET JUSTIN ERNST ANTONIO G. MONTALBAN JEFFREY D. KAHL CHRISTOPHER LARSON STEPHEN MILLER HIROSHI NAKANISHI EDWARD ROBERTS EDDINE SAIAH ROBERT SULLIVAN ZHUN WANG	March 31, 2006	May 19, 2010
	India					
	Registered					

Attorneys: DALE L. RIEGER  
ROGER RICH  
MARK KAFKA

# Jones Day Patent Report

(No Actions/No 502's)

Docket No. CAM No.	Country Status	Client Owner	Patent Title	Inventors	App # App Date	Pat # Pat Date
012767-0005-228		ITHERX	CYTOKINE INHIBITORS	ERIK BOMAN	PCT/US2004/029372	
348548-228005		KEMIA, INC.		SUSANA C. CEIDE RUSSELL DAHL NANCY G.J. DELAET JUSTIN ERNST ANTONIO G. MONTALBAN JEFFREY D. KAHL CHRISTOPHER LARSON STEPHEN MILLER HIROSHI NAKANISHI EDWARD ROBERTS EDDINE SAIAH ROBERT SULLIVAN ZHIJUN WANG	September 10, 2004	
			Patent Cooperation Treaty Completed			

Attorneys: DALE L. RIEGER  
ROGER RICH  
MARK KAFKA

# Jones Day Patent Report

(No Actions/No 502's)

Docket No. CAM No. Country Status	Client Owner	Patent Title	Inventors	App # App Date	Pat # Pat Date
012767-0005-999	iTHERX	ALPHA-KETOAMIDES AND DERIVATIVES THEREOF	ERIK BOMAN	10/939,324	7,749,999
348548-999005	iTHERX PHARMACEUTICALS, INC.		SUSANA CONDE CEIDE RUSSELL DAHL NANCY G.J. DELAET JUSTIN ERNST ANTONIO GARRIDO MONTALBAN HIROSHI NAKANISHI EDWARD ROBERTS EDDINE SAIAH ROBERT SULLIVAN ZHINJUN WANG JEFFREY KAHL CHRISTOPHER LARSON	September 10, 2004	July 6, 2010
United States of America Registered					
Attorneys: DALE L. RIEGER ROGER RICH MARK KAFKA					
012767-0006-228	iTHERX	THERAPY USING CYTOKINE INHIBITORS	CONSTANCE A. CROWLEY NANCY G.J. DELAET JUSTIN ERNST CARRIE GAIL GROVE BONNIE HEPBURN BERNARD KING CHRISTOPHER J. LARSON STEPHEN MILLER KENT PRYOR LEWIS J. SHUSTER	PCT/US2007/070547 June 6, 2007	
348548-228006	KEMIA, INC.				
Patent Cooperation Treaty Completed					
Attorneys: DALE L. RIEGER ROGER RICH MARK KAFKA					

# Jones Day Patent Report

(No Actions/No 502's)

Docket No. CAM No.	Country Status	Client Owner	Patent Title	Inventors	App # App Date	Pat # Pat Date
012767-0008-147		iTHERX	CYTOKINE INHIBITORS	ERIK BOMAN	2007/07095	2007/07095
348548-147008	South Africa Registered	KEMIA, INC.		SUSANA C. CEIDE RUSSELL DAHL NANCY G.J. DELAET JUSTIN ERNST ANTONIO G. MONTALBAN JEFFREY D. KAHL CHRISTOPHER LARSON STEPHEN MILLER HIROSHI NAKANISHI EDWARD ROBERTS EDDINE SAIAH ROBERT SULLIVAN ZHIJUN WANG	August 22, 2007	October 29, 2008

Attorneys: DALE L. RIEGER  
ROGER RICH  
MARK KAFKA

**Jones Day**  
**Patent Report**  
 (No Actions/No 502's)

Docket No. CAM No. Country Status	Client Owner	Patent Title	Inventors	App # App Date	Pat # Pat Date
012767-0009-147	ITHERX	CYTOKINE INHIBITORS	ERIK BOMAN	2007/07086	2007/07086
348548-147009	KEMIA, INC.		SUSANA C. CEIDE RUSSELL DAHL NANCY G.J. DELAET JUSTIN ERNST ANTONIO G. MONTALBAN JEFFREY D. KAHL CHRISTOPHER LARSON STEPHEN MILLER HIROSHI NAKANISHI EDWARD ROBERTS EDDINE SAIAH ROBERT SULLIVAN ZHIJUN WANG	August 22, 2007	April 29, 2009
	South Africa				
	Registered				

Attorneys: DALE L. RIEGER  
 ROGER RICH  
 MARK KAFKA

012767-0010-888	ITHERX	METHODS OF TREATING MALARIA WITH SR-B1 RECEPTOR ANTAGONISTS	JEFFREY F. MCKELVY FLOSSIE WONG-STAAAL JAMES E. MACDONALD	61/510,000	
348548-888010				July 20, 2011	
	United States of America				
	Pending				

Attorneys: DALE L. RIEGER  
 ROGER RICH  
 MARK KAFKA

# Jones Day Patent Report

(No Actions/No 502's)

Docket No. CAM No.	Country Status	Client Owner	Patent Title	Inventors	App # App Date	Pat # Pat Date
012767-0002-036		ITHERX	METHODS OF TREATING HEPATITIS C VIRUS WITH OXOACETAMIDE COMPOUNDS	JAMES E. MACDONALD JEFFREY F. MCKELVY FLOSSIE WONG-STAAAL	P100104291 November 19, 2010	
348548-036002	Argentina	ITHERX PHARMACEUTICALS, INC.				
Filed Wait Exam						
Attorneys: DALE L. RIEGER ROGER RICH MARK KAFKA						
012767-0002-185		ITHERX	METHODS OF TREATING HEPATITIS C VIRUS WITH OXOACETAMIDE COMPOUNDS	JAMES E. MACDONALD JEFFREY F. MCKELVY FLOSSIE WONG-STAAAL	099140058 November 19, 2010	
348548-185002	Taiwan	ITHERX PHARMACEUTICALS, INC.				
Filed Wait Exam						
Attorneys: DALE L. RIEGER ROGER RICH MARK KAFKA						
012767-0002-999		ITHERX	METHODS OF TREATING HEPATITIS C VIRUS WITH OXOACETAMIDE COMPOUNDS	JAMES E. MACDONALD McKELVY F. JEFFREY FLOSSIE WONG-STAAAL	12/949,646 November 18, 2010	
348548-999002	United States of America					
Pending						
Attorneys: DALE L. RIEGER ROGER RICH MARK KAFKA						



# Jones Day Patent Report

(No Actions/No 502's)

Docket No. CAM No. Country Status	Client Owner	Patent Title	Inventors	App # App Date	Pat # Pat Date
012767-0003-999	ITHERX	CYTOKINE INHIBITORS	ERIK BOMAN	12/637,714	7,897,599
348548-999003	ITHERX PHARMACEUTICALS, INC.		SUSANA CONDE CEIDE RUSSELL DAHL NANCY G.J. DELAET JUSTIN ERNST ANTONIO GARRIDO MONTALBAN JEFFREY KAHL CHRISTOPHER LARSON STEPHEN MILLER HIROSHI NAKANISHI EDWARD ROBERTS EDDINE SAIAH ROBERT SULLIVAN ZHUN WANG	December 14, 2009	March 1, 2011

Attorneys: DALE L. RIEGER  
ROGER RICH  
MARK KAFKA

# Jones Day Patent Report

(No Actions/No 502's)

Docket No. CAM No.	Country Status	Client Owner	Patent Title	Inventors	App # App Date	Pat # Pat Date
012767-0004-999		ITHERX	CYTOKINE INHIBITORS	ERIK BOMAN	12/637,712	7,919,617
348548-999004	United States of America Registered	ITHERX PHARMACEUTICALS, INC.		SUSANA CONDE CEIDE RUSSELL DAHL NANCY G.J. DELAET JUSTIN ERNST ANTONIO GARRIDO MONTALBAN JEFFREY KAHL CHRISTOPHER LARSON STEPHEN MILLER HIROSHI NAKANISHI EDWARD ROBERTS EDDINE SAIAH ROBERT SULLIVAN ZHIJUN WANG	December 14, 2009	April 5, 2011

Attorneys: DALE L. RIEGER  
ROGER RICH  
MARK KAFKA

Jones Day  
Patent Report  
(No Actions/No 502's)

Docket No. CAM No. Country Status	Client Owner	Patent Title	Inventors	App # App Date	Pat # Pat Date
012767-0005-001	iTHERX	CYTOKINE INHIBITORS	ERIK BOMAN	2,538,820	
348548-001005	KEMIA, INC.		SUSANA C. CEIDE	March 10, 2006	
Canada			RUSSELL DAHL		
Filed Wait Exam			NANCY G.J. DELAET		
			JUSTIN ERNST		
			ANTONIO G. MONTALBAN		
			JEFFREY D. KAHL		
			CHRISTOPHER LARSON		
			STEPHEN MILLER		
			HIROSHI NAKANISHI		
			EDWARD ROBERTS		
			EDDINE SAIAH		
			ROBERT SULLIVAN		
			ZHIJUN WANG		

Attorneys: DALE L. RIEGER  
ROGER RICH  
MARK KAFKA

# Jones Day Patent Report

(No Actions/No 502's)

Docket No. CAM No.	Country Status	Client Owner	Patent Title	Inventors	App # App Date	Pat # Pat Date
012767-0005-007		ITHERX	CYTOKINE INHIBITORS	ERIK BOMAN	2004270733	
348548-007005	Australia	KEMIA, INC.		SUSANA C. CEIDE RUSSELL DAHL NANCY G.J. DELAET JUSTIN ERNST ANTONIO G. MONTALBAN JEFFREY D. KAHL CHRISTOPHER LARSON STEPHEN MILLER HIROSHI NAKANISHI EDWARD ROBERTS EDDINE SAIAH ROBERT SULLIVAN ZHIJUN WANG	April 5, 2006	
	Filed Wait Exam					

Attorneys: DALE L. RIEGER  
ROGER RICH  
MARK KAFKA

# Jones Day Patent Report

(No Actions/No 502's)

Docket No. CAM No.	Country Status	Client Owner	Patent Title	Inventors	App # App Date	Pat # Pat Date
012767-0005-009		ITHERX	CYTOKINE INHIBITORS	ERIK BOMAN	2006-002853	280146
348548-009005		KEMIA, INC.		SUSANA C. CEIDE RUSSELL DAHL NANCY G.J. DELAET JUSTIN ERNST ANTONIO G. MONTALBAN JEFFREY D. KAHL CHRISTOPHER LARSON STEPHEN MILLER HIROSHI NAKANISHI EDWARD ROBERTS EDDINE SAIAH ROBERT SULLIVAN ZHIJUN WANG	March 13, 2006	October 19, 2010
	Mexico					
	Registered					

Attorneys: DALE L. RIEGER  
ROGER RICH  
MARK KAFKA



# Jones Day Patent Report

(No Actions/No 502's)

Docket No. CAM No. Country Status	Client Owner	Patent Title	Inventors	App # App Date	Pat # Pat Date
012767-0005-023	iTHERX	CYTOKINE INHIBITORS	ERIK BOMAN	06112755.4	
348548-023005	KEMIA, INC.		SUSANA C. CEIDE RUSSELL DAHL NANCY G.J. DELAET JUSTIN ERNST ANTONIO G. MONTALBAN JEFFREY D. KAHL CHRISTOPHER LARSON STEPHEN MILLER HIROSHI NAKANISHI EDWARD ROBERTS EDDINE SAIAH ROBERT SULLIVAN ZHIJUN WANG	September 10, 2004	
Hong Kong					
Filed Wait Exam					

Attorneys: DALE L. RIEGER  
ROGER RICH  
MARK KAFKA

# Jones Day Patent Report

(No Actions/No 502's)

Docket No. CAM No. Country Status	Client Owner	Patent Title	Inventors	App # App Date	Pat # Pat Date
012767-0005-037	iTHERX	CYTOKINE INHIBITORS	ERIK BOMAN	PI0414313-2	
348548-037005	KEMIA, INC.		SUSANA C. CEIDE RUSSELL DAHL NANCY G.J. DELAET JUSTIN ERNST ANTONIO G. MONTALBAN JEFFREY D. KAHL CHRISTOPHER LARSON STEPHEN MILLER HIROSHI NAKANISHI EDWARD ROBERTS EDDINE SAIAH ROBERT SULLIVAN ZHIJUN WANG	March 10, 2006	
Brazil					
Filed Wait Exam					

Attorneys: DALE L. RIEGER  
ROGER RICH  
MARK KAFKA



# Jones Day Patent Report

(No. Actions/No. 502's)

Docket No. CAM No.	Country Status	Client Owner	Patent Title	Inventors	App # App Date	Pat # Pat Date
012767-0005-056		iTHERX	CYTOKINE INHIBITORS	ERIK BOMAN	791/KOLNP/2006	240583
348548-056005	India	KEMIA, INC.		SUSANA C. CEIDE RUSSELL DAHL NANCY G.J. DELAET JUSTIN ERNST ANTONIO G. MONTALBAN JEFFREY D. KAHL CHRISTOPHER LARSON STEPHEN MILLER HIROSHI NAKANISHI EDWARD ROBERTS EDDINE SAIAH ROBERT SULLIVAN ZHIJUN WANG	March 31, 2006	May 19, 2010

Registered

Attorneys: DALE L. RIEGER  
ROGER RICH  
MARK KAFKA

# Jones Day Patent Report

(No Actions/No 502's)

Docket No. CAM No.	Country Status	Client Owner	Patent Title	Inventors	App # App Date	Pat # Pat Date
012767-0005-187		iTHERX	CYTOKINE INHIBITORS	ERIK BOMAN	10-2006-7005055	
348548-187005	Republic of Korea	KEMIA, INC.		SUSANA C. CEIDE RUSSELL DAHL NANCY G.J. DELAET JUSTIN ERNST ANTONIO G. MONTALBAN JEFFREY D. KAHL CHRISTOPHER LARSON STEPHEN MILLER HIROSHI NAKANISHI EDWARD ROBERTS EDDINE SAIAH ROBERT SULLIVAN ZHIJUN WANG	March 10, 2006	
	Filed Wait Exam					

Attorneys: DALE L. RIEGER  
ROGER RICH  
MARK KAFKA

# Jones Day Patent Report

(No Actions/No 502's)

Docket No. CAM No. Country Status	Client Owner	Patent Title	Inventors	App # App Date	Pat # Pat Date
012767-0005-227	iTHERX	CYTOKINE INHIBITORS	ERIK BOMAN	04809707.5	
348348-227005	KEMIA, INC.		SUSANA C. CEIDE RUSSELL DAHL NANCY G.J. DELAET JUSTIN ERNST ANTONIO G. MONTALBAN JEFFREY D. KAHL CHRISTOPHER LARSON STEPHEN MILLER HIROSHI NAKANISHI EDWARD ROBERTS EDDINE SAIHAH ROBERT SULLIVAN ZHIJUN WANG	March 13, 2006	

European Patent Office  
Filed Wait Exam

Attorneys: DALE L. RIEGER  
ROGER RICH  
MARK KAFKA

# Jones Day Patent Report

(No Actions/No 502's)

Docket No. CAM No.	Country Status	Client Owner	Patent Title	Inventors	App # App Date	Pat # Pat Date
012767-0005-228		iTHERX	CYTOKINE INHIBITORS	ERIK BOMAN	PCT/US2004/029372	
348548-228005		KEMIA, INC.		SUSANA C. CEIDE RUSSELL DAHL NANCY G.J. DELAET JUSTIN ERNST ANTONIO G. MONTALBAN JEFFREY D. KAHL CHRISTOPHER LARSON STEPHEN MILLER HIROSHI NAKANISHI EDWARD ROBERTS EDDINE SAIAH ROBERT SULLIVAN ZHIJUN WANG	September 10, 2004	
			Patent Cooperation Treaty			
			Completed			

Attorneys: DALE L. RIEGER  
ROGER RICH  
MARK KAFKA

**Jones Day**  
**Patent Report**  
 (No. Actions/No. 502's)

Docket No. CAM No.	Country Status	Client Owner	Patent Title	Inventors	App # App Date	Pat # Pat Date
012767-0005-999		ITHERX	ALPHA-KETOAMIDES AND DERIVATIVES THEREOF	ERIK BOMAN	10/939,324	7,749,999
348548-999005	United States of America Registered	ITHERX PHARMACEUTICALS, INC.		SUSANA CONDE CEIDE RUSSELL DAHL NANCY G.J. DELAET JUSTIN ERNST ANTONIO GARRIDO MONTALBAN HIROSHI NAKANISHI EDWARD ROBERTS EDDINE SAIAH ROBERT SULLIVAN ZHINJUN WANG JEFFREY KAHL CHRISTOPHER LARSON	September 10, 2004	July 6, 2010
Attorneys: DALE L. RIEGER ROGER RICH MARK KAFKA						
012767-0006-227		ITHERX	THERAPY USING CYTOKINE INHIBITORS	CONSTANCE A. CROWLEY NANCY G.J. DELAET JUSTIN ERNST CARRIE GAIL GROVE BONNIE HEPBURN BERNARD KING CHRISTOPHER J. LARSON STEPHEN MILLER KENT PRYOR LEWIS J. SHUSTER	07798190.0 January 8, 2009	
348548-227006	European Patent Office Filed Wait Exam	KEMIA, INC.				
Attorneys: DALE L. RIEGER ROGER RICH MARK KAFKA						

# Jones Day

## Patent Report

(No Actions/No 502's)

Docket No. CAM No. Country Status	Client Owner	Patent Title	Inventors	App # App Date	Pat # Pat Date
012767-0006-228	iTHERX	THERAPY USING CYTOKINE INHIBITORS	CONSTANCE A. CROWLEY NANCY G.J. DELAET JUSTIN ERNST CARRIE GAIL GROVE BONNIE HEPBURN BERNARD KING CHRISTOPHER J. LARSON STEPHEN MILLER KENT PRYOR LEWIS J. SHUSTER	PCT/US2007/070547 June 6, 2007	
348548-228006	KEMIA, INC.				
Patent Cooperation Treaty					
Completed					
Attorneys: DALE L. RIEGER ROGER RICH MARK KAFKA					
012767-0008-055	iTHERX	CYTOKINE INHIBITORS	ERIK BOMAN SUSANA C. CEIDE RUSSELL DAHL NANCY G.J. DELAET JUSTIN ERNST ANTONIO G. MONTALBAN JEFFREY D. KAHL CHRISTOPHER LARSON STEPHEN MILLER HIROSHI NAKANISHI EDWARD ROBERTS EDDINE SAIAH ROBERT SULLIVAN ZHIJUN WANG	200806677-1 September 11, 2008	
348548-055008	KEMIA, INC.				
Singapore					
Filed Wait Exam					
Attorneys: DALE L. RIEGER ROGER RICH MARK KAFKA					

# Jones Day Patent Report

(No Actions/No 502's)

Docket No. CAM No.	Country Status	Client Owner	Patent Title	Inventors	App # App Date	Pat # Pat Date
012767-0008-146		iTHERX	CYTOKINE INHIBITORS	ERIK BOMAN	201010539892.4	
348548-146008		KEMIA, INC.		SUSANA C. CEIDE RUSSELL DAHL NANCY G.J. DELAET JUSTIN ERNST ANTONIO G. MONTALBAN JEFFREY D. KAHL CHRISTOPHER LARSON STEPHEN MILLER HIROSHI NAKANISHI EDWARD ROBERTS EDDINE SAIAH ROBERT SULLIVAN ZHIJUN WANG	November 9, 2010	
	China					
	Filed Wait Exam					

Attorneys: DALE L. RIEGER  
ROGER RICH  
MARK KAFKA

# Jones Day Patent Report

(No Actions/No 502's)

Docket No. CAM No.	Country Status	Client Owner	Patent Title	Inventors	App # App Date	Pat # Pat Date
012767-0008-147		ITHERX	CYTOKINE INHIBITORS	ERIK BOMAN	2007/07095	2007/07095
348548-147008	South Africa Registered	KEMIA, INC.		SUSANA C. CEIDE RUSSELL DAHL NANCY G.J. DELAET JUSTIN ERNST ANTONIO G. MONTALBAN JEFFREY D. KAHL CHRISTOPHER LARSON STEPHEN MILLER HIROSHI NAKANISHI EDWARD ROBERTS EDDINE SAIAH ROBERT SULLIVAN ZHIJUN WANG	August 22, 2007	October 29, 2008

Attorneys: DALE L. RIEGER  
ROGER RICH  
MARK KAFKA



**Jones Day**  
**Patent Report**  
 (No. Actions/No. 502's)

Docket No. CAM No.	Country Status	Client Owner	Patent Title	Inventors	App # App Date	Pat # Pat Date
012767-0009-147		iTHERX	CYTOKINE INHIBITORS	ERIK BOMAN	2007/07086	2007/07086
348548-147009		KEMIA, INC.		SUSANA C. CEIDE RUSSELL DAHL NANCY G.J. DELAET JUSTIN ERNST ANTONIO G. MONTALBAN JEFFREY D. KAHL CHRISTOPHER LARSON STEPHEN MILLER HIROSHI NAKANISHI EDWARD ROBERTS EDDINE SAIAH ROBERT SULLIVAN ZHIJUN WANG	August 22, 2007	April 29, 2009
	South Africa Registered					

Attorneys: DALE L. RIEGER  
 ROGER RICH  
 MARK KAFKA

012767-0010-888		iTHERX	METHODS OF TREATING MALARIA WITH SR-BI RECEPTOR ANTAGONISTS	JEFFREY F. MCKELVY FLOSSIE WONG-STAAL JAMES E. MACDONALD	61/510,000	July 20, 2011
348548-888010		United States of America Pending				

Attorneys: DALE L. RIEGER  
 ROGER RICH  
 MARK KAFKA

