

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>Pingda REN</td> <td>10/08/2012</td> </tr> <tr> <td>Yi LIU</td> <td>10/08/2012</td> </tr> <tr> <td>Liansheng LI</td> <td>10/08/2012</td> </tr> <tr> <td>Katrina CHAN</td> <td>10/05/2012</td> </tr> </tbody> </table>		Name	Execution Date	Pingda REN	10/08/2012	Yi LIU	10/08/2012	Liansheng LI	10/08/2012	Katrina CHAN	10/05/2012		
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<table border="1"> <tr> <td>Name:</td> <td>INTELLIKINE LLC</td> </tr> <tr> <td>Street Address:</td> <td>10931 N. Torrey Pines Road</td> </tr> <tr> <td>Internal Address:</td> <td>Suite 103</td> </tr> <tr> <td>City:</td> <td>La Jolla</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>92037</td> </tr> </table>		Name:	INTELLIKINE LLC	Street Address:	10931 N. Torrey Pines Road	Internal Address:	Suite 103	City:	La Jolla	State/Country:	CALIFORNIA	Postal Code:	92037
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CORRESPONDENCE DATA													
Fax Number:	8583141150												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	858-314-1200												
Email:	scgenua@jonesday.com, mvdiaz@jonesday.com,												
Correspondent Name:	JONES DAY												
Address Line 1:	222 East 41st Street												
Address Line 2:	Sandra Genua												
Address Line 4:	New York, NEW YORK 10017												
ATTORNEY DOCKET NUMBER:	765398-999055												
NAME OF SUBMITTER:	Sandra Genua												
Total Attachments: 3 source=12928-055-999_Assignment_INTELLIKINE#page1.tif source=12928-055-999_Assignment_INTELLIKINE#page2.tif source=12928-055-999_Assignment_INTELLIKINE#page3.tif													

CH \$40.00 13552516

ASSIGNMENT

WHEREAS, WE, Pingda REN, citizen of the People's Republic of China, residing at 5534 Havenridge Way, San Diego, CA 92130; Yi LIU, citizen of the United States, residing at 4841 Barlow Landings Cove, San Diego, CA 92130; Liansheng LI, citizen of the People's Republic of China, residing at c/o Takeda Pharmaceutical Company Limited, 10410 Science Center Drive, San Diego, CA 92121; and Katrina CHAN, citizen of the United States, residing at 38835 Hayes Street, Fremont, CA 94536, ASSIGNORS, are the inventors of the invention in HETEROCYCLIC COMPOUNDS AND USES THEREOF for which we have executed an application for a Patent of the United States

- which is executed on even date herewith or
- which is identified by Jones Day docket no. 12928-055-999
- which was filed on July 18, 2012, Application No. 13/552,516
- We hereby authorize and request attorney(s), , at Jones Day, to insert here in parentheses (Application number, _____ filed _____) the filing date and application number of said application when known.

and WHEREAS, INTELLIKINE LLC, having a place of business at 10931 N. Torrey Pines Road, Suite 103, La Jolla, CA 92037, U.S.A., ASSIGNEE, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, of good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention 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 for Patents and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree 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 the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date 10/8, 2012 [Signature] L.S.
Pingda REN

Date 10/8, 2012 [Signature] L.S.
Witness 1 Signature

Yi Liu
Witness 1 (Typed or Handwritten) Name

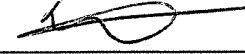
4841 Barlows Landings Cove, San Diego, CA 92130
Witness 1 Address

Date 10/8/12, 2012 [Signature] L.S.
Witness 2 Signature

Liansheng Li
Witness 2 (Typed or Handwritten) Name

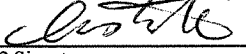
8155 Cargill Ave Apt. 39 San Diego CA 92122
Witness 2 Address

Date 10/8, 2012  L.S.
Yi LIU

Date 10/8, 2012  L.S.
Witness 1 Signature

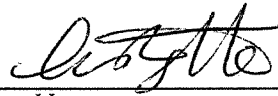
Pingda Ren
Witness 1 (Typed or Handwritten) Name


5534 Havenridge Way, San Diego, CA 92130.
Witness 1 Address

Date 10/8, 2012  L.S.
Witness 2 Signature

Liansheng Li
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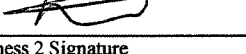
8155 Cargill Ave. Apt. 39, San Diego, CA 92121.
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Liansheng LI

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Witness 1 Signature

Yi Liu
Witness 1 (Typed or Handwritten) Name

4841 Barlows Landing CV, San Diego, CA 92130
Witness 1 Address

Date 10/8, 2012  L.S.
Witness 2 Signature

Pingda Ren
Witness 2 (Typed or Handwritten) Name

5534 Havenridge Way, San Diego, CA 92130.
Witness 2 Address

Date Oct 05, 2012 [Signature] L.S.
Katrina CHAN

Date Oct 05, 2012 [Signature] L.S.
Witness 1 Signature
GUOXIAN WU
Witness 1 (Typed or Handwritten) Name

91 Bolivar Dr. Berkeley, CA 94710
Witness 1 Address

Date 10/05/2012, 2012 [Signature] L.S.
Witness 2 Signature

NESPI MARIVA
Witness 2 (Typed or Handwritten) Name

91 Bolivar Dr, Berkeley, CA 94710
Witness 2 Address