

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | | | |
|--|-----------------------------------|---------------|-------------------------------|----------------------------|-----------------------------------|------------------|------------|-----------------------|----------------|---------------------|------------|-------------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Tomas Navratil</td> <td>08/04/2009</td> </tr> <tr> <td>Ward M. Peterson</td> <td>08/31/2009</td> </tr> <tr> <td>John W. Lampe</td> <td>08/25/2009</td> </tr> <tr> <td>Emilee H. Fulcher</td> <td>07/30/2009</td> </tr> <tr> <td>Scott D. Sorensen</td> <td>09/02/2009</td> </tr> </tbody> </table> | | Name | Execution Date | Tomas Navratil | 08/04/2009 | Ward M. Peterson | 08/31/2009 | John W. Lampe | 08/25/2009 | Emilee H. Fulcher | 07/30/2009 | Scott D. Sorensen | 09/02/2009 |
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| RECEIVING PARTY DATA | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Inspire Pharmaceuticals, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>4222 Emperor Boulevard, Suite 200</td> </tr> <tr> <td>City:</td> <td>Durham</td> </tr> <tr> <td>State/Country:</td> <td>NORTH CAROLINA</td> </tr> <tr> <td>Postal Code:</td> <td>27703</td> </tr> </table> | | Name: | Inspire Pharmaceuticals, Inc. | Street Address: | 4222 Emperor Boulevard, Suite 200 | City: | Durham | State/Country: | NORTH CAROLINA | Postal Code: | 27703 | | |
| Name: | Inspire Pharmaceuticals, Inc. | | | | | | | | | | | | |
| Street Address: | 4222 Emperor Boulevard, Suite 200 | | | | | | | | | | | | |
| City: | Durham | | | | | | | | | | | | |
| State/Country: | NORTH CAROLINA | | | | | | | | | | | | |
| Postal Code: | 27703 | | | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12492494</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 12492494 | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | |
| Application Number: | 12492494 | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | |
| <p>Fax Number: (650)798-3600 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 650-798-3500</p> <p>Email: castros@howrey.com</p> <p>Correspondent Name: HOWREY LLP</p> <p>Address Line 1: 1950 University Avenue, 4th Floor</p> <p>Address Line 4: East Palo Alto, CALIFORNIA 94303</p> | | | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 03678.0238.NPUS04 | | | | | | | | | | | | |
| NAME OF SUBMITTER: | Viola T. Kung | | | | | | | | | | | | |

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ASSIGNMENT

WHEREAS, we, Tomas Navratil, Ward M. Peterson, John W. Lampe, Emilee H. Fulcher, and Scott D. Sorensen, being citizens of the Czech Republic, United States of America, United States of America, United States of America, and United States of America, respectively, but all residing in the State of North Carolina, have made new and useful improvements in Method for Treating Pulmonary Diseases Using Rho Kinase Inhibitor Compounds, for which an application for Letters Patent of the United States was filed on June 26, 2009 as Application No. 12/492,494.

WHEREAS, Inspire Pharmaceuticals, Inc., having a place of business at 4222 Emperor Boulevard, Suite 200, Durham, NC 27703, and who, together with its successors and assigns ("Assignee") is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited.

NOW, THEREFORE, for one dollar and other valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservations:

1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said application for Letters Patent of the United States, including all claims, if any, for infringement prior to the date of this assignment, the inventions and discoveries described therein, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent.

2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in our name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise.

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance.

5. Bind our heirs, legal representatives, and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the facts of our conception, disclosures, and reduction to practice of said inventions and discoveries; and to testify as to the same in any interference or other litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 4th day of August, 2009.


Tomas Navratil

STATE OF NORTH CAROLINA

COUNTY OF DURHAM

On this 4th day of August, 2009, before me personally appeared **Tomas Navratil**, to me known and known to me to be the individual described in and who executed the foregoing instrument, and who duly acknowledged to me to have executed the foregoing instrument, and who duly acknowledged to me to have executed the same for the purposes set forth.




NOTARY PUBLIC

My Commission Expires: July 1, 2012

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 31 day of August, 2009.

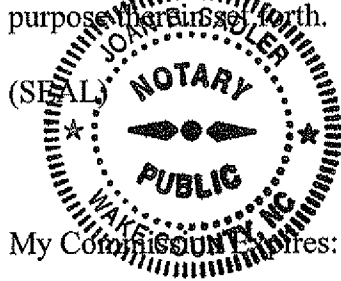


Ward M. Peterson

STATE OF NORTH CAROLINA

COUNTY OF DURHAM

On this 31st day of August, 2009, before me personally appeared **Ward M. Peterson**, to me known and known to me to be the individual described in and who executed the foregoing instrument, and who duly acknowledged to me to have executed the foregoing instrument, and who duly acknowledged to me to have executed the same for the purpose therein set forth.



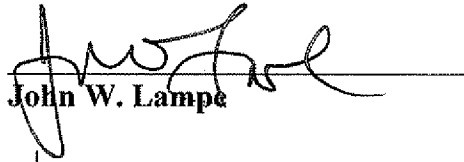


NOTARY PUBLIC

My Commission Expires: July 1, 2012

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 25 day of

August, 2009.


John W. Lampe

STATE OF NORTH CAROLINA

COUNTY OF DURHAM

On this 20th day of August, 2009, before me personally appeared **John W. Lampe**, to me known and known to me to be the individual described in and who executed the foregoing instrument, and who duly acknowledged to me to have executed the foregoing instrument, and who duly acknowledged to me to have executed the same for the purpose therein set forth.




NOTARY PUBLIC

My Commission expires: July 1, 2012

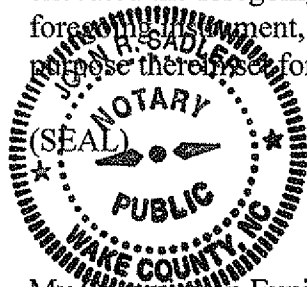
IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 30th day of July, 2009.

Emilee H. Fulcher
Emilee H. Fulcher

STATE OF NORTH CAROLINA

COUNTY OF DURHAM

On this 30th day of July, 2009, before me personally appeared **Emilee H. Fulcher**, to me known and known to me to be the individual described in and who executed the foregoing instrument, and who duly acknowledged to me to have executed the foregoing instrument, and who duly acknowledged to me to have executed the same for the purpose therein set forth.



Jean R. Sadler
NOTARY PUBLIC

My Commission Expires: July 1, 2012

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 2nd day of SEPTEMBER, 2009.

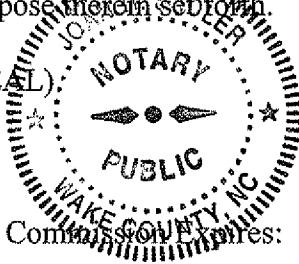
Scott D. Sorensen
Scott D. Sorensen

STATE OF NORTH CAROLINA

COUNTY OF DURHAM

On this 2nd day of September, 2009, before me personally appeared **Scott D. Sorensen**, to me known and known to me to be the individual described in and who executed the foregoing instrument, and who duly acknowledged to me to have executed the foregoing instrument, and who duly acknowledged to me to have executed the same for the purpose therein set forth.

(SEAL)



Jan R. Sadler
NOTARY PUBLIC

My Commission Expires:

July 1, 2012