

## 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>S. David BROWN</td> <td>09/05/2012</td> </tr> <tr> <td>David J. MATTHEWS</td> <td>09/05/2012</td> </tr> </tbody> </table>		Name	Execution Date	S. David BROWN	09/05/2012	David J. MATTHEWS	09/05/2012				
Name	Execution Date										
S. David BROWN	09/05/2012										
David J. MATTHEWS	09/05/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>PATHWAY THERAPEUTICS INC.</td> </tr> <tr> <td>Street Address:</td> <td>409 Illinois Street</td> </tr> <tr> <td>City:</td> <td>San Francisco</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94158</td> </tr> </table>		Name:	PATHWAY THERAPEUTICS INC.	Street Address:	409 Illinois Street	City:	San Francisco	State/Country:	CALIFORNIA	Postal Code:	94158
Name:	PATHWAY THERAPEUTICS INC.										
Street Address:	409 Illinois Street										
City:	San Francisco										
State/Country:	CALIFORNIA										
Postal Code:	94158										
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>13431716</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13431716						
Property Type	Number										
Application Number:	13431716										
CORRESPONDENCE DATA											
<p>Fax Number: 8583141150  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 858-314-1200        Email: cquatrino@jonesday.com, mvdiaz@jonesday.com        Correspondent Name: JONES DAY        Address Line 1: 222 East 41st Street        Address Line 4: New York, NEW YORK 10017-6702</p>											
ATTORNEY DOCKET NUMBER:	12633-017-999/322610-017										
NAME OF SUBMITTER:	Christina Quatrino										
<p>Total Attachments: 2        source=12633-017-999 Assignment#page1.tif        source=12633-017-999 Assignment#page2.tif</p>											

CH \$40.00 13431716

JOINT

ASSIGNMENT

WHEREAS, WE, S. David BROWN and David J. MATTHEWS, ASSIGNORS, citizens of the United States, residing at 12 Sorrel Lane, San Carlos, CA 94070 and 2 Balceta Avenue, San Francisco, CA 94127, are the inventors of the invention in (ALPHA-SUBSTITUTED ARALKYLAMINO AND HETEROARYLALKYLAMINO) PYRIMIDINYL AND 1,3,5-TRIAZINYL BENZIMIDAZOLES, PHARMACEUTICAL COMPOSITIONS THEREOF, AND THEIR USE IN TREATING PROLIFERATIVE DISEASES 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. 12633-017-999/322610-999017  
☒ which was filed on March 27, 2012, Application No. 13/431,716  
☐ 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, PATHWAY THERAPEUTICS INC., a Delaware company, having a place of business at 409 Illinois Street, San Francisco, CA 94158, ASSIGNEE, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration 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.

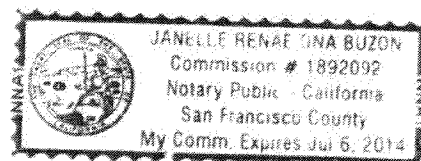
Date September 5, 2012 S. David Brown L.S.  
S. David BROWN  
Date 5th September, 2012 David J. Matthews L.S.  
David J. MATTHEWS

State of California )  
County of ) SS.:

On Sept. 5, 2012, before me, Janelle Buzon, Notary Public, personally appeared S. David BROWN, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is 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.

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



State of California

)  
SS:

County of

On Sept 5, 2012, before me, Janelle Buzon, Notary Public, personally appeared David J. MATTHEWS, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is 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

