### PATENT ASSIGNMENT

**SUBMISSION TYPE:** NEW ASSIGNMENT  
**NATURE OF CONVEYANCE:** ASSIGNMENT

### CONVEYING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>Execution Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yanbin Liu</td>
<td>03/07/2011</td>
</tr>
<tr>
<td>Nivedita Namdev</td>
<td>03/07/2011</td>
</tr>
<tr>
<td>Rocio Palma</td>
<td>03/07/2011</td>
</tr>
<tr>
<td>Manish Tandon</td>
<td>03/07/2011</td>
</tr>
<tr>
<td>Jianqiang Wang</td>
<td>03/08/2011</td>
</tr>
<tr>
<td>Hui Wu</td>
<td>03/10/2011</td>
</tr>
</tbody>
</table>

### RECEIVING PARTY DATA

- **Name:** ARQULE, INC.  
- **Street Address:** 19 Presidential Way  
- **City:** Woburn  
- **State/Country:** MASSACHUSETTS  
- **Postal Code:** 01801

### PROPERTY NUMBERS Total: 1

<table>
<thead>
<tr>
<th>Property Type</th>
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<tr>
<td>Application Number</td>
<td>12981138</td>
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### CORRESPONDENCE DATA

- **Fax Number:** (617)542-2241  
- **Correspondence will be sent via US Mail when the fax attempt is unsuccessful.**  
- **Phone:** 6175426000  
- **Email:** kricciarelli-wenson@mintz.com  
- **Correspondent Name:** Ivor R. Elrifi  
- **Address Line 1:** One Financial Center  
- **Address Line 2:** Mintz, Levin  
- **Address Line 4:** Boston, MASSACHUSETTS 02111

### ATTORNEY DOCKET NUMBER:

22596-589001US
<table>
<thead>
<tr>
<th>NAME OF SUBMITTER:</th>
<th>Matthew Pavao</th>
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Total Attachments: 4
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- source=22596-589001US Assignment#page4.tif
ASSIGNMENT

We, Yanbin Liu, Nivedita Namdev, Rocio Palma, Manish Tandon, Jianqiang Wang and Hui Wu, 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 ARQUELE, INC. with offices at 19 Presidential Way, Woburn, MA 01801 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:

SUBSTITUTED PYRROLO-AMINOPYRIMIDINE COMPOUNDS

filed with the U.S. Patent and Trademark Office on December 29, 2010 and assigned Application No. 12/981,138, including any subsequently filed utility applications, which claim priority to renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications therefore; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in 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.

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: 3/7/11

Signature of: Yanbin Liu

Subscribed and sworn to before me this 9th day of March 2011.

DIANE M. SOUZA
Notary Public
COMMONWEALTH OF MASSACHUSETTS
My Commission Expires June 24, 2016

Date: 03/10/91

Signature of: Nivedita Namdev

Subscribed and sworn to before me this 9th day of March 2011.

DIANE M. SOUZA
Notary Public
COMMONWEALTH OF MASSACHUSETTS
My Commission Expires June 24, 2016
Date: 03.07.2011
Commonwealth
State of Massachusetts
County of Middlesex

Subscribed and sworn to before me this 7th day of March 2011.

Signature of: Rocio Palma
Notary Public
My commission expires 6.24.16

Date: 1/4/2011
Commonwealth
State of Massachusetts
County of Middlesex

Subscribed and sworn to before me this 7th day of March 2011.

Signature of: Manish Tandon
Notary Public
My commission expires 6.24.16

Date: 3/18/11
Commonwealth
State of Massachusetts
County of Middlesex

Subscribed and sworn to before me this 8th day of March 2011.

Signature of: Jianqiang Wang
Notary Public
My commission expires 6.24.16
Date: 03/10/11

Commonwealth
State of Massachusetts
County of Middlesex

Subscribed and sworn to before me this 14th day of March, 2011.

Signature of: Hui Wu

Notary Public
My commission expires 6/24/16

DIANE M. SOUZA
Notary Public
COMMONWEALTH OF MASSACHUSETTS
My Commission Expires
June 24, 2016