PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3458120

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| THOMAS C. K. CHAN | 07/23/2010 |
| DENNIS S. FRANCE | 07/23/2010 |
| PAOLO PUCCI | 07/28/2010 |

RECEIVING PARTY DATA

| Name: | ARQULE, INC. |
|-----------------|-----------------|
| Street Address: | ONE WALL STREET |
| City: | BURLINGTON |
| State/Country: | MASSACHUSETTS |
| Postal Code: | 01803 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14807939 |

CORRESPONDENCE DATA

Fax Number: (202)842-7899

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: COOLEY LLP

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Address Line 2: SUITE 700

Address Line 4: WASHINGTON, D.C. 20004

| ATTORNEY DOCKET NUMBER: | ARQL-039/C01US |
|-------------------------|---------------------------|
| NAME OF SUBMITTER: | CHEN CHEN (REG NO. 73384) |
| SIGNATURE: | /Chen Chen/ |
| DATE SIGNED: | 07/28/2015 |

Total Attachments: 4

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> **PATENT REEL: 036195 FRAME: 0116** 503411486

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PATENT REEL: 036195 FRAME: 0117 U.S.S.N.: 12/704,361

Attorney Docket No.: 22596-568001US

ASSIGNMENT

We, Thomas C. K. Chan, Dennis S. France, and Paolo Pucci 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 ArQule, 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:

COMBINATIONAL COMPOSITIONS AND METHODS FOR TREATMENT OF CANCER

filed with the U.S. Patent and Trademark Office on February 11, 2010 and assigned Application No. 12/704,361, including any subsequently filed utility applications, which claim priority to Application No. 12/704,361, and including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my/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.

PATENT REEL: 036195 FRAME: 0118 First Inventor

: Thomas C. K. Chen

Application No. : 12/704,361

Filed

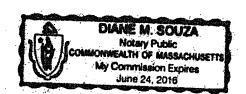
: February 11, 2010

Page 2 of 4

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.

10.

| Date: July 23, 2010 | (.Chan |
|--|--|
| Commonweaste | Signature of: Thomas C. K. Chan |
| State of Manachusett | |
| County of Middlesex | |
| personally appeared Thomas C. K. Chan, identification, which was a <u>druws lu</u> | , 2010, before me, the undersigned notary public, proved to me through satisfactory evidence of, to be the person whose name is signed on to me that the contents of this document are truthful and nd belief. |
| | Dicire M. Dous - |
| | Notary Public |
| | My commission expires 6.24.16 |



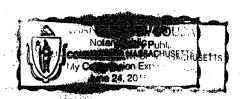
| First Inventor Application No. | : Thomas C. K. Chen : 12/704,361 |
|--------------------------------|-------------------------------------|
| Filed | : February 11, 2010 |
| Page 3 of 4 | . rebruary 11, 2010 |
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| Date: | 13,2012 |
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| State of War | What stats |

Signature of: Dennis S. France

| State of Manchesetts | |
|----------------------|--|
| County of Middlesex | |

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|---|
| On this 23rcl day of July, 2010, before me, the undersigned notary public, |
| personally appeared Dennis S. France, proved to me through satisfactory evidence of |
| identification, which was a Mules leave, to be the person whose name is signed on |
| this document and who swore or affirmed to me that the contents of this document are truthful and |
| accurate to the best of his/her knowledge and belief. |

My commission expires 6.24.16



First Inventor

: Thomas C. K. Chen

Application No. : 12/704,361

Filed

: February 11, 2010

Page 4 of 4

Date: Suly 28-2010

Signature of: Paolo Pucci

Commonwealth -State of <u>Manachuset</u>

County of Middlesex

On this 29th day of _______, 2010, before me, the undersigned notary public, personally appeared Paolo Pucci, proved to me through satisfactory evidence of identification, which was a druce liceret, to be the person whose name is signed on this document and who swore or affirmed to me that the contents of this document are truthful and accurate to the best of his/her knowledge and belief.

My commission expires $\frac{1}{\sqrt{34.16}}$

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