

10-24-2006



FORM PTO-1595  
(Rev. 6-93)  
OMB No. 0651-0011 (exp. 4/94)

103325950

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Please record the attached original documents or copy thereof.

10-19-06

1. Name of conveying party(ies):

Livingstone, Mark  
Ruan, Hong  
Polakiewicz, Roberto

2. Name and address of receiving party(ies)

Name: Cell Signaling Technology, Inc.

Internal Address:

Street Address:

3 Trask Lane  
Danvers, MA 01923

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

- Assignment
- Security Agreement
- Other \_\_\_\_\_
- Merger
- Change of Name

Additional name(s) & address(es) attached?  Yes  No

Execution Date: 09/06/2006; 10/05/2006

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is \_\_\_\_\_

A. Patent Application No(s):

11/487,883

B. Patent No(s):

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence Concerning document should be mailed:

Name: James G. Cullem, Esquire  
Address: CELL SIGNALING TECHNOLOGY, INC.  
3 Trask Lane  
Danvers, MA 01923

6. Total number of applications and patents involved: [ 1 ]

7. Total fee (37 CFR 3.41) \$40.00

- Enclosed
- The Commissioner is authorized to charge Deposit Account No: 50-1774, Reference No. CST-223.

DO NOT USE THIS SPACE

9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

James G. Cullem, Esquire Reg. No. 43,569

10/19/06

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: [4]

Reg. No. 43,569

Mail documents to be recorded with required cover sheet information to:

MAIL STOP ASSIGNMENT RECORDATION SERVICES

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

10/23/2006 DBYRME 00000004 501774 11447883

01 FC:8021 (40.00 DA)

## ASSIGNMENT

I, **Mark Livingstone, Hong Ruan and Roberto Polakiewicz** the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, hereby assign, sell and transfer to **Cell Signaling Technology, Inc.**, a Massachusetts corporation, with offices at 3 Trask Lane, Danvers, Massachusetts 01923, and its successors, assigns and legal representatives, all 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:

### **REAGENTS FOR THE DETECTION OF PHOSPHORYLATED ATR KINASE (SER 428/SER 2317) AND USES THEREOF**

filed with the U.S. Patent and Trademark Office on July 17, 2006 and assigned Serial No.11/487,883, 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 at 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.

I 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 me/us had this assignment, sale and transfer not been made.

I 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.

I 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.

I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

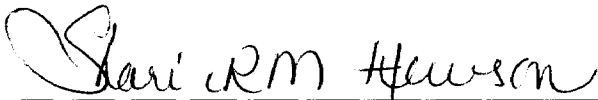
I further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding 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: 9/6/06



Signature of: Mark Livingstone

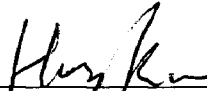
IN WITNESS WHEREOF, I have hereunto set hand and seal



Signature of witness: Shari R. M. Hewson  
commission expires July 25, 2008

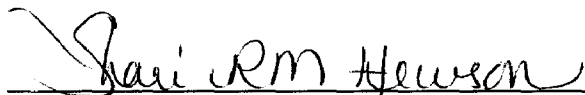
this 6th day of September 2006  
Date of signing

Date: 10/5/06



Signature of: Hong Ruan

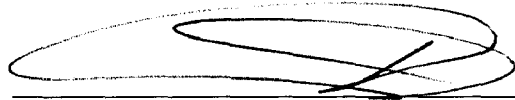
IN WITNESS WHEREOF, I have hereunto set hand and seal



Signature of witness: Shari R. M. Hewson  
commission expires July 25, 2008

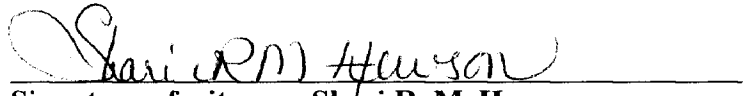
this 5th day of October 2006  
Date of signing

Date: 10-5-06



Signature of: **Roberto Polakiewicz**

IN WITNESS WHEREOF, I have hereunto set hand and seal



Signature of witness: **Shari R. M. Hewson**  
commission expires **July 25, 2008**

this 5<sup>th</sup> day of October 2006  
Date of signing