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To The Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying parties:

John W. Belmont
 Alice J. Chen
 Tse-Hua Tan
 Guisheng Zhou

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

2. Name and address of receiving party(ies)

Name: Baylor College of Medicine

Internal Address: _____

Street Address: One Baylor Plaza, BCM-D, 600D
 City: Houston State: Texas Zip: 77030

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

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other : _____

Execution Date: December 7th, 8th, 11th, 13th, and 15th, 2000

4. Application number(s) or patent number(s): 09/665,819

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

A. Patent Application No.(s) _____ B. Patent No.(s) _____

Additional numbers attached? Yes No

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

Name: Emily Miao

Company Name: McDonnell, Boehnen, Hulbert & Berghoff

Street Address: 300 South Wacker Drive, Suite 3200
 City: Chicago State: IL ZIP: 60606

6. Total number of applications and patents involved: 1

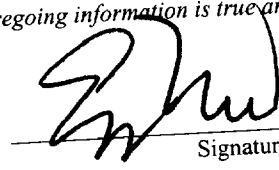
7. Total Fee (37 CFR 3.41).....\$40.00

Enclosed
 Authorized to be charged to deposit account

8. Deposit account number: 13-2490

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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.



 Signature

Emily Miao
 Printed Name of Person Signing

Date: December 29, 2000

Total number of pages including cover sheet, attachments, and document: 6

Mail documents to be recorded with required cover sheet information to:
 Commissioner of Patents and Trademarks
 Box Assignments
 Washington, D.C. 20231

ASSIGNMENT

Case No.: 99,383-B

Serial No.: 09/665,819

Inventors: **John W. Belmont, Frederick A. Fletcher, Alice J. Chen,
Roland Jurecic, Tse-Hua Tan, Guisheng Zhou**

Date of Execution

of Application:

Filing Date: September 20, 2000

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

Baylor College of Medicine

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

PHOSPHATASES WHICH ACTIVATE MAP KINASE PATHWAYS

and identified as:

Case No. 99,383-B

in the offices of MCDONNELL BOEHNEN HULBERT & BERGHOFF and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the

said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

WITNESS my hand and seal this 8 day of December, 2000.

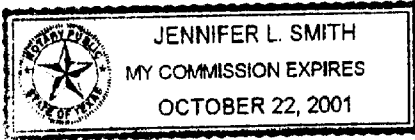
John W. Belmont
John W. Belmont

State of Texas

County of Harris

The foregoing instrument was acknowledged before me this 8 day of
December, 2000 by John W. Belmont

Jennifer L. Smith
NOTARY PUBLIC



WITNESS my hand and seal this _____ day of _____, _____.

Alice J. Chen

Alice J. Chen

State of Texas

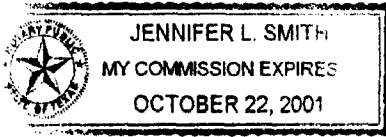
County of Harris

The foregoing instrument was acknowledged before me this 15 day of

December, 2000 by Alice J. Chen

Jennifer L. Smith

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WITNESS my hand and seal this 13th day of December, 2000.

Tse-Hua Tan
Tse-Hua Tan

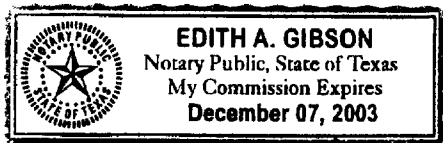
State of Texas

County of Harris

The foregoing instrument was acknowledged before me this 13th day of

December, 2000 by Tse-Hua Tan

Edith A. Gibson
NOTARY PUBLIC



WITNESS my hand and seal this 11th day of December 2000

Guisheng Zhou
Guisheng Zhou

State of Texas

County of Harris

The foregoing instrument was acknowledged before me this 11th day of

December 2000 by Guoshen Zhou

Blanca E Lopez
NOTARY PUBLIC

