

7-15-99

07-23-1999



Attorney Docket No. 2558-624

FORM PTO-1595  
(Rev. 6-93)

101098934

U.S. Department of Commerce  
Patent and Trademark Office

To the Honorable Asst. Commissioner for Patents. Please record the attached original documents or copy thereof

1. Name of conveying party(ies):  
  
Thomas H. Duffy  
Hanh Onishi  
  
Additional name(s) of conveying parties attached?  Yes  
 No.

2. Name and address of receiving party(ies)  
  
Name: Bio-Rad Laboratories, Inc.  
  
Internal Address:  
  
Street Address: 1000 Alfred Nobel Drive



3. Nature of conveyance:  
  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other:  
  
Execution Date: June 18, 1999

City: Hercules State: CA ZIP: 94547  
  
Additional names and addresses attached?  Yes  No

4. Application Number(s) or Patent Numbers.  
  
If this document is being filed together with a new application, the execution date of the application is: June 18, 1999  
  
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:

6. Total number of applications and patents involved 1

Name: M. Henry Heines  
TOWNSEND AND TOWNSEND AND CREW LLP  
Two Embarcadero Center, 8<sup>th</sup> Floor  
San Francisco, California 94111-3834  
(415) 576-0200

7. Total fee (37 CFR 3.41): -----\$40.00  
  
 Enclosed  Charge Fees to Deposit Account  
  
 Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account.

8. Deposit account number: 20-1430

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9. Statement and signature.  
  
*To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true of copy of the original document.*  
  
M. Henry Heines  
Name of Person Signing  
  
Atty Reg. No. 28,219  
  
  
Signature  
  
July 15, 1999  
Date  
  
Total number of pages including cover sheet, attachments and document 3

10. Change Correspondence Address to that of Part 5?  Yes  No

OMB No. 0651-0011 (exp. 4/94)

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Asst. Commissioner for Patents  
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**ASSIGNMENT OF PATENT APPLICATION**

JOINT

WHEREAS, **Thomas H. Duffy**, a citizen of the U.S.A. residing at 1404 North Tustin, No. U4, Santa Ana, California, 92705; and **Hanh Onishi**, a citizen of the U.S.A. residing at 4 Cambridge, Irvine, California 92620, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **CLINICAL CONTROL MATERIALS FOR  
DETECTION OF BONE RESORPTIVE MARKERS**

Date(s) of execution of Declaration: June 18, 1999

Filing Date:

Application No.: ; and

WHEREAS, **Bio-Rad Laboratories, Inc.**, a Delaware corporation with a principal place of business at 1000 Alfred Nobel Drive, Hercules, California, 94547, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8<sup>th</sup> Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: Jun 18, 1999 Thomas H. Duffy  
Thomas H. Duffy

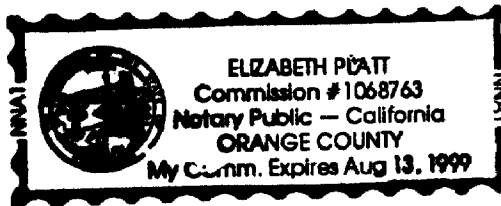
STATE OF CALIFORNIA )  
 )  
COUNTY OF Orange ) ss.

On June 18<sup>th</sup>, 1999, before me, Elizabeth Platt personally appeared Thomas H. Duffy, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Elizabeth Platt  
NOTARY PUBLIC

My Commission Expires: 8/13/99



Dated: 6/18/99 Hanh Onishi  
Hanh Onishi

STATE OF CALIFORNIA )  
 )  
COUNTY OF Orange ) ss.

On June 18<sup>th</sup>, 1999, before me, Elizabeth Platt personally appeared Hanh Onishi, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Elizabeth Platt  
NOTARY PUBLIC

My Commission Expires: 8/13/99  
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