FAX TO: ASSIGNMENT BRANCH, U.S.P.T.O. FAX NO. 703-306-5995

Attornev Docket No. 002558-071500US

orm <b>PTO-1595</b> (Rev. 03/05) MB No. 0651-0027 (exp. 6/30/2005)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office
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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.	
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)
Larry J. Cummings	Name: Bio-Rad Laboratories, Inc.
	Internal Address:
Additional name(s) of conveying party(ies) attached?  Yes  No	Street Address: 1000 Alfred Nobel Drive
3. Nature of conveyance/Execution Date(s):	
Execution Date(s) April 13, 2005	City: Hercules
Assignment Merger	
Security Agreement Change of Name	State: CA
Joint Research Agreement	750.04547
Government Interest Assignment	Country: USA Zip: 94547
Executive Order 9424, Confirmatory License	
Other	Additional name(s) & address(es) attached? 🗌 Yes 🔀 No
A. Patent Application No.(s) 11/059,177  Additional numbers att	ached? Yes No
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:1
	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Name: M. Henry Heines Internal Address:	Authorized to be charged by credit card
TOWNSEND AND TOWNSEND AND CREW LLP	Authorized to be charged to deposit account
Street Address: Two Embarcadero Center,	Enclosed
Eighth Floor	None required (government interest not affecting title)
City: San Francisco	8. Payment Information
State: California Zip: 94111-3834	a. Credit Card Last 4 numbers Expiration Date
Phone Number: (415) 576-0200	b. Deposit Account Number 20-1430
Fax Number: (415) 576-0300	Authorized User Name_Townsend and
Email Address: mhh@townsend.com	Townsend and Crew LLI
9. Signature:	25 APR 2005 Date
M. Henry Heines	Total number of pages including cover 3
Name of Person Signing	sheet, attachments, and documents:

Documents to be recorded (Including cover sheet) should be faxed to (703) 306-5995, or min 4 the NT 700173849 top Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, VA 22313-1450 REEL: 016150 FRAME: 0471

Name of Person Signing

Attorney Docket No.: 002558-071500US Client Reference No.: BRP00361

## ASSIGNMENT OF PATENT APPLICATION

SOLE

WHEREAS, Larry J. Cummings of 68 Banbridge Place, Pleasant Hill, CA 94523, hereinafter referred to as "Assignor," is the inventor of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:

DUAL-CHAMBER CHROMATOGRAPHIC CARTRIDGE

Date(s) of execution of Declaration:

Filing Date:

February 15, 2005

Application No.:

11/059,177; and

WHEREAS, Bio-Rad Laboratories, Inc., a corporation of the state of Delaware, located at 1000 Alfred Nobel Drive, Hercules, CA 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 Assignor, Assignor has assigned, and by these presents does 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 any patent application claiming priority from 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 Assignor 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.

Assignor further agrees that Assignor 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 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.

Assignor hereby authorizes and requests Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

PATENT REEL: 016150 FRAME: 0472 Assignment

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IN TESTIMONY WHEREOF, Assignor has signed his/her name on the date indicated.

Dated:

STATE OF California

COUNTY OF CENTRA COSTA

, before me,

On april 13, 2005, before personally appeared Larry J. Cummings 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/s/e 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.

CINDY BARLOW Commission # 1547367 Notary Public - California Contra Costa County My Comm. Expires Feb 23, 2009

My Commission Expires: Fullway 23, 2009

RECORDED: 04/25/2005

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**PATENT** REEL: 016150 FRAME: 0473