

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

Attorney Docket No. 002558-071000US

Form PTO-1595 (Rev. 06/04)  
OMB No. 0651-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

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PATENTS ONLY

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)/Execution Date(s):

David A. Cohen, Sunand Banerji  
Michael J. Denninger

January 24, 2005, February  
11, 2005, and February 14,

Execution Date(s) 2005

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

2. Name and address of receiving party(ies)

Name: Bio-Rad Laboratories, Inc.

Internal Address: \_\_\_\_\_

Street Address: 1000 Alfred Nobel Drive

City: Hercules

State: CA

Country: USA

Zip: 94547

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

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

10/987,931

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: M. Henry Heines

Internal Address: \_\_\_\_\_

TOWNSEND AND TOWNSEND AND CREW LLP

Street Address: Two Embarcadero Center,  
Eighth Floor

City: San Francisco

State: California Zip: 94111-3834

Phone Number: (415) 576-0200

Fax Number: (415) 576-0300

Email Address: mhh@townsend.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

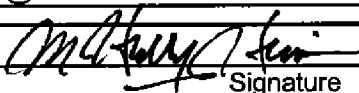
a. Credit Card Last 4 numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 20-1430

Authorized User Name Townsend and

Townsend and Crew LLP

9. Signature:

  
Signature

17 MAR 2005

Date

M. Henry Heines

Name of Person Signing Atty. Reg. No. 28,219

Total number of pages including cover sheet, attachments, and documents:

5

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Attorney Docket No.: 002558-071000US  
Client Reference No.: BRP00356

### ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, David A. Cohen of 203 High Street, Dedham, MA 02026; Sunand Banerji of 103 Elm Street, Stoneham, MA 02180; and Michael J. Denninger of 15 Russell Terrace, Belmont, MA 02478 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: THERMAL CYCLER WITH PROTECTION FROM  
ATMOSPHERIC MOISTURE

Date(s) of execution of Declaration:

Filing Date: November 12, 2004

Application No.: 10/987,931; 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 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, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

PATENT  
REEL: 015920 FRAME: 0337

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

Dated: 1-24-05

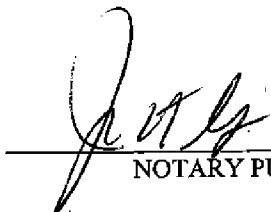
  
\_\_\_\_\_  
David A. Cohen

STATE OF Massachusetts )  
  )     ss.  
COUNTY OF Norfolk         )

On 1/24/05, before me, JOAN UTLEY,  
personally appeared David A. Cohen, 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.

JOAN UTLEY  
Notary Public  
My Commission Expires  
May 18, 2008

  
\_\_\_\_\_  
NOTARY PUBLIC

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Dated: 2/11/05

*Sunand Banerji*  
Sunand Banerji

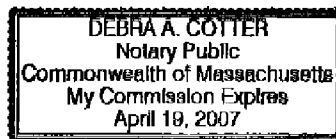
STATE OF Massachusetts  
COUNTY OF Middlesex ss

On Feb 11, 2005, before me, Debra A. Cotter,  
personally appeared Sunand Banerji, 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.

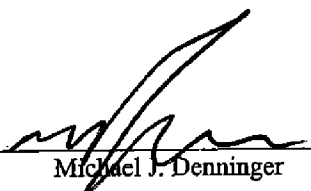
*Debra A. Cotter*  
NOTARY PUBLIC

My Commission Expires: Apr. 19, 2007



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Dated: 2/14/05

  
Michael J. Denninger

STATE OF MASSACHUSETTS  
COUNTY OF MIDDLESEX } ss.

On 14 Feb. 2005, before me, CARL L. FRADET,  
personally appeared Michael J. Denninger, 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.

  
NOTARY PUBLIC

My Commission Expires: 3/20/2007



CARL L. FRADET  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires April 3, 2007

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