

09-23-2004

cket No. 002558-069410US
U.S. DEPARTMENT OF COMMERCE
ed States Patent and Trademark OfficeForm PTO-1595 (Rev. 06/04)
OMB No. 0651-0027 (exp. 6/30/2005)

RECOF

102842668

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):

German Arciniegas
Jeff Ceremony
Daniel Y. Chu
Charles W. Ragsdale

8/11/04, 8/11/04, 8/11/04, and

Execution Date(s) 8/10/04

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: US 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)

10/851,682

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

9. Signature:

Signature

SEPT 16, 2004
Date

09/22/2004 GT0111 00000232 201430 10851682

01 FC:8021 40.00 BA

M. Henry Heines

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

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

6

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, VA 22313-1450

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, German Arciniegas of 641 Spruce St., Berkeley, CA 94707; Jeff Ceremony of 1374 Leafwood Court, Fairfield, CA 94534; Daniel Y. Chu of 1331 47th Avenue, San Francisco, CA 94122; and Charles W. Ragsdale of 1336 Vermont Avenue, Concord, CA 94521 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: LOCALIZED TEMPERATURE CONTROL FOR SPATIAL
 ARRAYS OF REACTION MEDIA

Date(s) of execution of Declaration:

Filing Date: May 20, 2004

Application No.: 10/851,682; 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.

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

Dated: 8/11/04

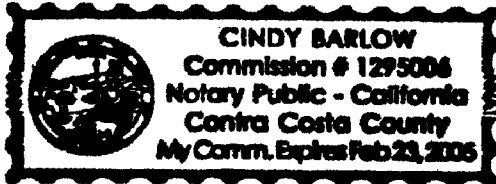

German Arciniegas

STATE OF California)
COUNTY OF Contra Costa)

ss.

On August 11, 2004, before me, Cindy Barlow, Notary Public,
personally appeared German Arciniegas, ~~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: February 23, 2005

Dated: 8/11/04

Jeff Ceremony
Jeff Ceremony

STATE OF California)
COUNTY OF Contra Costa)

ss.

On August 11, 2004, before me, Cindy Barlow, Notary Public,
personally appeared Jeff Ceremony, ~~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.

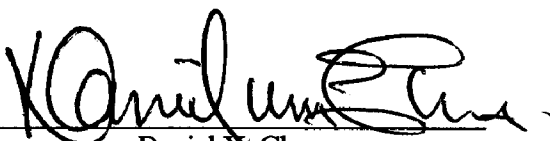
WITNESS my hand and official seal.



Cindy Barlow
NOTARY PUBLIC

My Commission Expires: February 23, 2005

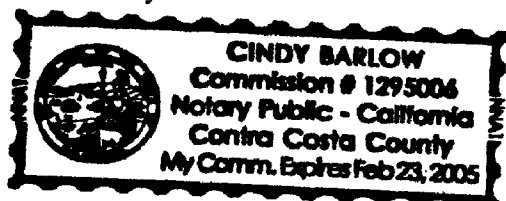
Dated: Aug 11, 2004


Daniel Y. Chu

STATE OF California)
COUNTY OF Contra Costa) ss.

On August 11, 2004, before me, Cindy Barlow, Notary Public,
personally appeared Daniel Y. Chu, ~~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.

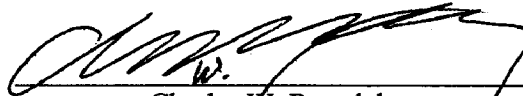
WITNESS my hand and official seal.




NOTARY PUBLIC

My Commission Expires: February 23, 2005

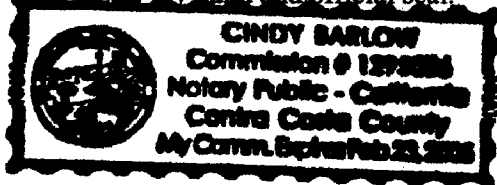
Dated: 8/10/04


Charles W. Ragsdale

STATE OF California)
COUNTY OF Contra Costa) SS.

On August 10, 2004, before me, Cindy Barlow, Notary Public, personally appeared Charles W. Ragsdale, 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.



Cindy Barlow
NOTARY PUBLIC

My Commission Expires: February 23, 2005

60263425 v1