

1/18/05

RECOR

01-21-2005



ET

Docket No. NVX-24

To the Honorable Commission of Patents and

original documents or copy thereof.

102922500

1. Name of conveying party(ies):

Joseph W. Amshey  
Roumen A. Bogoev

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

2. Name and address of receiving party(ies)

Name: INVITROGEN CORPORATION

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

Street Address: 1600 Faraday Avenue

City: Carlsbad State: CA ZIP: 92008

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name

Other \_\_\_\_\_

Execution Date: 1/11/2005

4. Application number(s) or patent number(s):

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

A. Patent Application No.(s)

10/949,471

B. Patent No.(s)

Additional numbers attached?  Yes  No

OPR/FINANCE  
JAN 18 PM 1:18

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

Name: Mark D. Rowland

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

Street Address: Fish & Neave IP Group  
Ropes & Gray LLP  
1251 Avenue of the Americas

City: New York State: NY ZIP: 10020

6. Total number of applications and patents involved: 1

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

Enclosed

Additional fees are authorized to be charged to deposit account

8. Deposit account number:

06-1075

(Attach duplicate copy of this page if paying by deposit account)

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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.

David A. Roise

Name of Person Signing

Signature

1/14/05

Date

Reg. No. 47,904

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

4

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Mail Stop Assignment Recordation Services  
P. O. Box 1450, Alexandria, VA 22313-1450

01/19/2005 6TON11 00000107 10949471

01 FC:8021

40.00 OP

PATENT  
REEL: 016154 FRAME: 0355

ASSIGNMENT

WHEREAS, We, Joseph W. Amshey and Roumen A. Bogoev, residing respectively at 2350 Jennifer Lane, Encinitas, California 92024, USA; and 1352 Avenida Pantera, San Marcos, California 92069, USA, have made an invention entitled:

**HOMOGENOUS POPULATIONS OF MOLECULES**

and have made application for United States Letters Patent therefor filed September 24, 2004 and assigned Serial No. 10/949,471; and

WHEREAS, INVITROGEN CORPORATION, a corporation organized and existing under the laws of the state of Delaware and having an office and place of business at 1600 Faraday Avenue, Carlsbad, California 92008, United States of America, is desirous of acquiring the entire interest in said invention, said United States patent application and in any Letters Patent which may issue thereon;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) paid, and other good and valuable consideration, the receipt of sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto the said INVITROGEN CORPORATION, its successors, assigns and legal representatives, all right, title and interest in and to said invention and any improvements thereon for all countries of the world, and in and to said United States patent application, including any continuations, continuations-in-part and divisions thereof, and any substitute applications therefor, and including the right to claim priority under the International Convention based on said patent application, and any patent which may issue thereon, and any reissues of the same; and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country, including renewals, revivals, continuations and divisions thereof, and any substitute applications therefor, and any and all patents which may issue thereon, and any reissues and extensions of the same;

and we hereby authorize and request competent authorities to grant and issue any and all patents on said invention to the said INVITROGEN CORPORATION

as the assignee of the entire interest therein; and we further agree to execute upon request of the assignee such additional documents, if any, as are necessary and proper to secure patent protection on said invention throughout all countries of the world, and to otherwise give full effect to and perfect the rights of the assignee under this Assignment.

IN TESTIMONY WHEREOF, we have hereunto signed our names on the dates indicated hereinafter.

11 January 2005  
Date

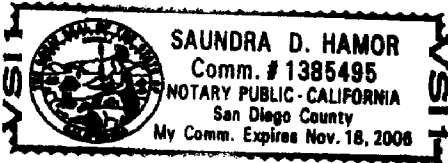
Joseph W. Amshey  
Joseph W. Amshey

STATE OF CALIFORNIA )

COUNTY OF San Diego )

: ss.:

On January 11, 2005, before me, Saundra D. Hamor, personally appeared Joseph W. Amshey personally known to me (or proved on the basis of satisfactory evidence) to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that she executed the same in her authorized capacity, and that by her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



(Notarial seal)

Saundra D. Hamor  
Notary Public

My Commission expires:

Nov. 18, 2006

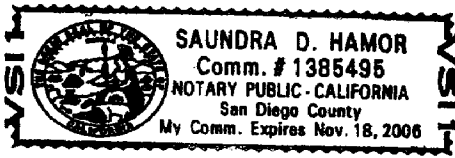
1.11.2005  
Date

Roumen A. Bogoev  
Roumen A. Bogoev

STATE OF CALIFORNIA            )  
COUNTY OF San Diego        )

: ss.:

On January 11, 2005, before me, Saundra D. Hamor personally appeared Roumen A. Bogoev personally known to me (or proved on the basis of satisfactory evidence) to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that she executed the same in her authorized capacity, and that by her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



(Notarial seal)

Saundra D. Hamor  
Notary Public

My Commission expires:

Nov. 18, 2006