

11/8104

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FORM PTO-1595



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Patent and Trademark Office

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1. Name of conveying party(ies):

Kieran T. Gallahue
James P. O'Connell
Greg Gosch

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Nanogen, Inc.

Internal Address: _____

Street Address: 10398 Pacific Center CourtCity: San Diego State: California 92121Additional Name(s) & Address(es) attached ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____Execution Date September 23, 2004

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: 6/1/2004 AND 6/15/2004

A. Patent Application No.(s)

P00,1223

USSN 09/784,571

Filed February 15, 2001

"NETWORK FOR EVALUATING DATA OBTAINED
IN A BIOCHIP MEASUREMENT DEVICES"

B. Patent No.(s)

U. S. Patent No. 6,484,104 – Issued 11/19/02Additional numbers attached? ☐ Yes ☒ No

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

Schiff, Hardin LLP
Patent Department
6600 Sears Tower
233 S. Wacker Drive
Chicago, IL 60606-6473
Telephone: (312) 258-5500
Customer Number: 26574

6. Total number of applications and patents involved

1

7. Total Fee (37 CFR 3.41

\$40.00☒ Enclosed☒ Authorized to be charged to deposit account any
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8. Deposit Account Number:

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*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.*STEVEN H. NOLL

Name of Person Signing

Signature

(Reg. No.28,982) November 4, 2004

Date

Total number of pages:2

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11/09/2004 MGETACHE 00000012 6484104

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PATENT
REEL: 015953 FRAME: 0472

ASSIGNMENT

For and in consideration of One Dollar (\$1.00) to me in hand paid, and other valuable considerations, the receipt and sufficiency whereof are hereby acknowledged and confessed, **WE, KIERAN T. GALLAHUE** of 4746 Shadwell Place, San Diego, California 92130, **JAMES P. O'CONNELL** of 166 Solana Point Circle, Solana Beach, California 92095 and **GREG GOSCH** of 2910 Corte Celeste, Carlsbad, California 92009, are citizens of the **United States** hereby sell, assign, transfer and set over unto **NANOGEN, INC.**, a corporation of **Delaware**, having an office and place of business at **10398 Pacific Center Court, San Diego, California 92121**, the entire right, title and interest in and to their inventions or improvement in

"NETWORK FOR EVALUATING DATA OBTAINED IN A BIOCHIP MEASUREMENT DEVICE"

as set forth in my application for United States Letters Patent therefor, prepared by the Patent Department of the Firm Schiff Hardin LLP of Chicago, Illinois, and executed on even date herewith, said application being identified in the office records of said Firm as Case No. **P00,1223**, and in the records of the U.S. Patent and Trademark Offices as application Serial No. **09/784,571** filed **February 15, 2001**, and in and to the United States Letters Patent therefor, when issued, together with all improvements thereon and betterments thereof, all divisions, continuations and reissues thereof and substitutions of or for said application, and all foreign rights including the right to make application for Letters Patent for said inventions in any and all foreign countries and the right to claim priority as to filing date under the International Convention on the basis of the aforesaid application for United States Letters Patent; and I hereby authorize and direct the Commissioner of Patents to issue the patent for said inventions when granted, in accordance with this assignment and sale.

For the same considerations, we hereby agree that we will promptly communicate to the aforesaid assignee or its assigns full and complete information concerning improvements or betterments of the inventions disclosed in said application, and I will cooperate at any time upon request of said assignee or its assigns, at its or their expense, in the procurement of patent protection to cover the inventions herein assigned and to be assigned including the execution of new, divisional, continuing and reissue applications; I will make all rightful oaths, will testify in any proceedings in the Patent Office or in the Courts, and generally will do everything lawfully possible to aid said assignee, its successors, assigns, and nominees to obtain, enjoy and enforce proper patent protection for the inventions embraced within the terms of this document.

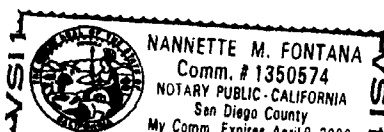
IN WITNESS WHEREOF, I have hereunto subscribed my name at:

Date: 1/23/04 City of San Diego County of San Diego
State of California
State of California)
County of San Diego) :ss KIERAN T. GALLAHUE

Before me personally appeared **KIERAN T. GALLAHUE** known to me to be the person who executed the foregoing instrument, and acknowledged the execution and delivery thereof, under his seal, for the uses and purposes therein set forth, on the day and year aforesaid.

Nannette M. Fontana
Notary Public

SEAL



IN WITNESS WHEREOF, I have hereunto subscribed my name at:

Date: 9/9/04

State of California)

:SS

County of San Diego)

City of Solana County of San Diego
State of California

James P. O'Connell
JAMES P. O'CONNELL

Before me personally appeared JAMES P. O'CONNELL known to me to be the person who executed the foregoing instrument, and acknowledged the execution and delivery thereof, under his seal, for the uses and purposes therein set forth, on the day and year aforesaid.

SEAL



Nancy L. Haney
Notary Public

IN WITNESS WHEREOF, I have hereunto subscribed my name at:

Date: 8/24/04

State of California)

:SS

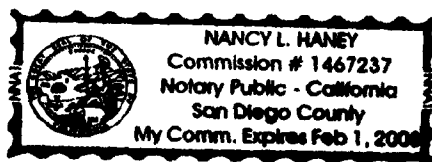
County of San Diego)

City of Carlsbad County of San Diego
State of California

Greg Gosch
GREG GOSCH

Before me personally appeared GREG GOSCH known to me to be the person who executed the foregoing instrument, and acknowledged the execution and delivery thereof, under his seal, for the uses and purposes therein set forth, on the day and year aforesaid.

SEAL



Nancy L. Haney
Notary Public

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