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02-26-2004



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PTO-1595 1-31-92 Docket No. 612,404-426	RE	EET	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Ray R. Radtkey, Lance C. Held, Robert Bruce Wallace, Karen Menge, and David Canter  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party: Name: NANOGEN, INC.  Street Address: 10398 Pacific Center Court  City: San Diego State: California Zip: 92121  Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other Execution Date: February 4, 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: February 4, 2004

A. Patent Application No(s): 10/627,950	B. Patent No(s):
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Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  Name: David B. Murphy Internal Address: O'MELVENY & MYERS LLP 114 Pacifica, Suite 100 Irvine, California 92618	6. Total number of applications and patents involved: 1
	7. Total fee (37 CFR 3.41): \$ 40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Charge this Deposit Account for all fees required in connection with this Assignment
	8. Deposit Account Number: 502862

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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.

Diane K. Wong Date: February 11, 2004

Diane K. Wong, Reg No. 54,550

OMB No. 0651-0011 (exp. 4/94)

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( 02/25/2004 DBYRNE 00000055 502862 10627950 )  
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CERTIFICATE OF MAILING  
(37 C.F.R. §1.8a)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to the Commissioner for Patents, Alexandria, VA 22313.

Date of Deposit: Feb 11, 2004  
IR1:1052278.1

Denise N. Doss  
Denise N. Doss

ASSIGNMENT OF DESIGN PATENT APPLICATION

WHEREAS, WE, **RAY R. RADTKEY**, a citizen of the United States, residing at 6512 Bantam Lake Circle, San Diego, CA 92119, **LANCE C. HELD**, a citizen of the United States, residing at 1459 River Crest Road, San Marcos, CA 92078, **ROBERT BRUCE WALLACE**, a citizen of the United States, residing at 2255 Lundy Lake Drive, Escondido, CA 92029, **KAREN MENGE**, 2228 Felspar, Apt D, San Diego, CA 92109, and **DAVID CANTER**, a citizen of the United States, residing at 9135 Kensett Place, San Diego, CA 92126 (hereinafter referred to as "ASSIGNORS"), have invented and own a certain invention entitled patent law office for which application for Letters Patent of the United States of America is filed with the United States Patent Office entitled METHODS AND APPARATUS FOR SCREENING AND DETECTING MULTIPLE GENETIC MUTATIONS, having been assigned Serial No. 10/627,950, filed July 24, 2003; and

WHEREAS, **NANOGEN, INC.**, a corporation organized and existing under and by virtue of the laws of the **Delaware** and having its place of business at **10398 Pacific Center Court, San Diego, California 92121** (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under any Patent or similar legal protection to be obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto.

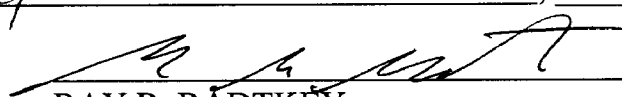
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer and set over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial

possessions, but in all countries foreign thereto to be obtained for said invention by said application, and to any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and ASSIGNORS hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents or any legal equivalent thereof, to issue said patents to ASSIGNEE, its successors and assigns, in accordance with this Assignment.

ASSIGNORS hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement;

ASSIGNORS further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.

WITNESS my hand at San Diego,  
California, this 4th day of February, 2004.

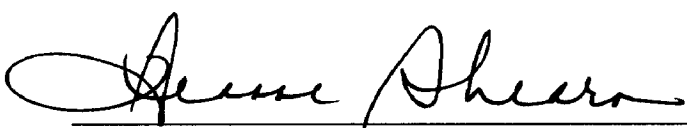
  
RAY R. RADTKÉY

STATE OF CALIFORNIA            )  
  ) ss  
COUNTY OF SAN DIEGO        )

On 4 Feb 04 before me, Deanne Shearn, personally appeared  
RAY R. RADTKÉY

personally known to me - OR -  proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

  
Notary Public in and for said County and State







WITNESS my hand at San Diego,  
California, this 9<sup>th</sup> day of February, 2004.

Karen Menge  
KAREN MENGE

STATE OF CALIFORNIA            )  
  ) ss  
COUNTY OF SAN DIEGO        )

On 4 Feb 04 before me, Deanne Shearn, personally appeared  
KAREN MENGE

personally known to me - OR -  proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) (is) are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Deanne Shearn  
Notary Public in and for said County and State



