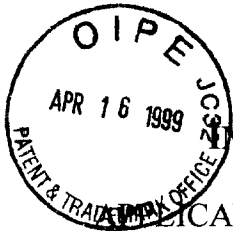


04-26-1999



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



APPLICANT: Gerdes)
)
 SERIAL NO.: 08/664,863)
)
 FILED: 17 June 1996)
)
 FOR: DETECTION OF AMPLIFIED)
 NUCLEIC ACID SEQUENCES)
 USING BIFUNCTIONAL)
 HAPTENIZATION AND DYED)
 MICROPARTICLES)

EXAMINER: Tung, J.

ART UNIT: 1634

DOCKET NO.: IAD-2

Commissioner of Patents
 and Trademarks
 BOX ASSIGNMENTS
 Washington, D.C. 20231

RECORDATION OF ASSIGNMENT

Sir:

Please record the attached original documents or copy thereof:

1. Name(s) of conveying party(ies):

John C. Gerdes

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

Immunological Associates of Denver
 717 Yosemite Circle
 Denver, CO 80220

37 CFR 1.10

CERTIFICATE OF MAILING

I hereby certify that the enclosed RECORDATION OF ASSIGNMENT together with the documents referred to as enclosed therein are being deposited on 16 Apr 99 with the United States Postal Service in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EJ576446508US addressed to the: Commissioner of Patent and Trademarks, BOX ASSIGNMENTS, Washington, D.C. 20231.

Signature:

Name: Julie L. Bernard

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3. Nature of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other: _____

Execution Date: 30 Mar 99

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): USSN 08/664,863
- B. Patent No.(s): none

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

Julie L. Bernard, Esq.
 Law Offices of Julie L. Bernard, P.C.
 9000 E. Inspiration Drive
 Parker, Colorado 80138-8535

6. Total number of applications and patents involved: 1.

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

- Enclosed
- Any deficiency in payment of recording fee is authorized to be charged to Deposit Account.
- Authorized to be charged to deposit account.

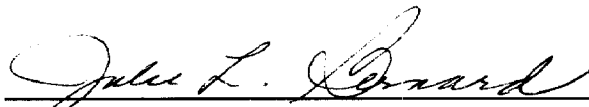
8. Deposit account number: 500394.

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.

Total number of pages including cover sheet, attachments and document: 5.

Respectfully submitted,



Julie L. Bernard, Esq.

Registration No.: 36,450

Law Offices of Julie L. Bernard, P.C.

9000 E. Inspiration Drive

Parker, Colorado 80138-8535

Tel: 303.841.7472

Fax: 303.840.1567

Date: 16 Apr 99

ASSIGNMENT

WHEREAS, I, John C. Gerdes, of 375 Steele Street, Denver, Colorado have invented a certain new and useful invention entitled "DETECTION OF AMPLIFIED NUCLEIC ACID SEQUENCES USING BIFUNCTIONAL HAPTENIZATION AND DYED MICROPARTICLES", for which an application of Letters Patent of the United States has been prepared for filing, said application being identified as Attorney docket no. IAD-2 and executed on even date herewith;

NOW THEREFORE, be it known that I, the said inventor, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, Immunological Associates of Denver, a Colorado corporation having a place of business at 717 Yosemite Circle, Denver, Colorado, 80220, its successors, legal representatives and assigns, the aforesaid application for the territory of the United States of American and all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty, and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention in the United States or any other country; I also assign any right, title or interest in and to the invention which has not already been transferred to the assignee; I warrant that I have made no assignment of the invention, application or patent therefor to a party other than Immunological Associates of Denver and I am under no obligation to make any assignment of the invention application, or patent therefor to any other party; and I further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention, but at the expense of said assignee.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to Immunological Associates of Denver, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the party hereto has executed this Assignment as of the date indicated hereunder.

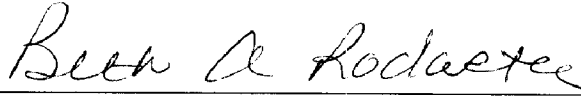
Date: 3/30/99

By: 
John C. Gerdes

STATE OF Colorado)
COUNTY OF Denver) ss.

Before me, a Notary Public in and for said County and State, personally appeared John C. Gerdes, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 30th day of March, 1999.


Notary Public

My Commission Expires: 12-14-99