

09-29-1998

COVER SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



100840953

attached original documents or copy thereof.

Tax settings Y

To the Honorable Commissioner of

1. Name of conveying party(ies):

PETER A. DOWBEN CARLO WALDRIFED
TARA J. McAVOY DAVID McILROY

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

3. Nature of conveyance:

9-21-98

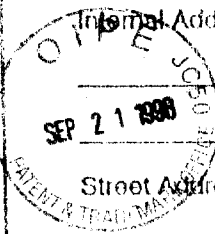
- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: JULY 10, 1998

2. Name and address of receiving party(ies)

BOARD OF REGENTS OF THE UNIVERSITY
Name: OF NEBRASKA

Internal Address: _____



Street Address: 3835 HOLDREGE ST.

City: LINCOLN State: NE ZIP: 68488

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

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

09,114,999

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

A. Patent Application No.(s)

B. Patent No.(s)

(09/114,999)

Additional numbers attached? Yes No

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

Name: JAMES D. WELCH

Internal Address: _____

(09/28/1998 DNGUYEN 00000041 09114999)
01 FC:581 40.00 UP

Street Address: 10328 PINEHURST AVE.

City: OMAHA State: NE ZIP: 68124

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

8. Deposit account number:

(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.

JAMES D. WELCH
Name of Person Signing

Signature

9/16/98
Date

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, Box Assignments
Washington, D.C. 20231

ASSIGNMENT

WHEREAS WE, PETER A. DOWBEN, of 12251 Bobwhite Trail, Crete, Ne 68333, CARLO WALDFRIED, of 5800 N. 15th St., Arlington, VA 22205; TARA J. McAVOY of 120 N. LaCumbre Rd., #45, Santa Barbara, CA 93110 and DAVID N. McILROY of 245 Lieuallen Str., Moscow, Idaho 83843; are the Inventors of the invention titled "HIGH RESOLUTION CHARGED PARTICLE-ENERGY DETECTING, MULTIPLE SEQUENTIAL STAGE, COMPACT, SMALL DIAMETER, RETRACTABLE CYLINDRICAL MIRROR ANALYZER SYSTEM, AND METHOD OF USE"; and

WHEREAS WE are the owners of record of a United States Patent Application of the title recited above which is being submitted to the United States Patent Office, the Serial Number of which is 09/114,999 ; (to be filled-in when available), and

WHEREAS WE might pursue Foreign Patent Applications under the Cooperation Treaty and directly in Non-Member Nations which concern the same Invention and Improvements thereto; and

WHEREAS WE are, under the terms of an Agreement or Employment Contract with the University of Nebraska, obligated to assign any and all Patent Applications and Patents which Issue thereon, Domestic and Foreign, Present and Future for said Invention and Improvements thereto to the Board of Regents of the University of Nebraska; and

WHEREAS the Board of Regents of the University of Nebraska is desirous of accepting an Assignment of any and all interest in said Application(s) for Patent(s) and Patent(s) which Issue thereon, Domestic and Foreign, Present and Future as provided for in said Agreement or Employment Contract with the Inventors;

NOW THEREFORE, in recognition of the receipt of One Dollar (\$1.00) and other good, valuable and sufficient consideration received from the Board of Regents of the University of Nebraska, WE, PETER A. DOWBEN, CARLO WALDFRIED, TARA J. McAVOY, and DAVID N. McILROY while retaining any right to share in Royalties, do:

1. Hereby Sell, Assign, Transfer and/or otherwise Set Over Without Reservation and conditions other than those recited herein, to the Board of Regents of the University of Nebraska, its Legal Representatives, Successors, Assigns etc. the entire interest in the Rights and Title to any Patent Applications and Patents which Issue thereon, Domestic and Foreign, Present and Future, for said Invention and Improvements; so that the Board of Regents of the University of Nebraska shall hereafter own all Rights and Title as fully and completely as WE would have owned said Rights and Title were the present Assignment not made, with the full understanding that the entire Rights and Title to said Invention shall immediately vest, irrevocably, in the Board of Regents of the University of Nebraska, its Legal Representatives, Successors, Assigns etc.

2. Agree to execute all future documents as may be necessary to acquire issue of the Patent Application and additional Patents Applications for said Invention, and Improvements thereto, in the United States and in Foreign Countries.

3. Request that the Commissioner of Patents and Trademarks in the United States and the equivalent in Foreign Countries issue United States Patent Application, Serial Number 09 /114,900 , (to be filled-in when available), and such additional Patent Applications, Domestic or Foreign which result from future Patent Cooperation Treaty Patent Application, Foreign or Domestic Patent Applications to the Board of Regents of the University of Nebraska, its Legal Representatives, Successors, Assigns etc., as the case might at the Issue Date thereof.

4. Agree that WE will, at no time, do anything to jeopardize the validity of any Patent or Patent Application, Domestic or Foreign, Present or Future other than as necessitated by the duty of Truthful Disclosure required during the normal course of Patent Application Prosecution or Litigation before an Examining or Judicial Authority.

IN AGREEMENT WITH THE FOREGOING, WE, PETER A. DOWBEN, CARLO WALDFRIED, TARA J. McAVOY AND DAVID N. McILROY AS INVENTORS, HEREBY WILLINGLY AND FREELY, IN RECOGNITION OF GOOD, VALUABLE AND SUFFICIENT CONSIDERATION RECEIVED FROM THE BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA, AND I, DONALD W. HELMUTH, AS AUTHORIZED REPRESENTATIVE OF THE BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA, AFFIX OUR SIGNATURES TO EFFECT THE TERMS OF THIS ASSIGNMENT, SAID SIGNATURES EACH BEING AFFIXED IN THE PRESENCE OF A NOTARY PUBLIC.

Peter A. Dowben 7/10/98
PETER A. DOWBEN DATE
INVENTOR

Carlo Wald 7/7/98
CARLO WALDFRIED DATE
INVENTOR

David N. McIlroy 7/10/98
NOTARY PUBLIC JAMES D. WELCH DATE
My Comm. Exp. Sept. 5, 1999
David N. McIlroy 6/19/98
DAVID N. McILROY DATE
INVENTOR

STATES: VA
COUNTY: FAIRFAX
For CARLO WALDFRIED ONLY!
plan in summer 7/2/98
Tara J. McAvoy 6/30/98
NOTARY PUBLIC DATE
TARA J. McAVOY DATE
INVENTOR

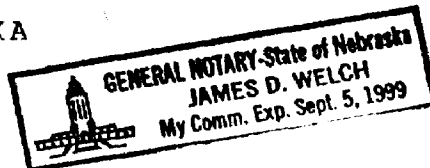
Joyce C. Presley 6/19/98
NOTARY PUBLIC DATE

SEE ATTACHED NOTARIZATION

NOTARY PUBLIC DATE

Donald W. Helmuth 7.10.98
DONALD W. HELMUTH, DATE
ASSOCIATE VICE CHANCELLOR
FOR THE UNIVERSITY OF NEBRASKA

James D. Welch 7/10/98
NOTARY PUBLIC DATE



CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

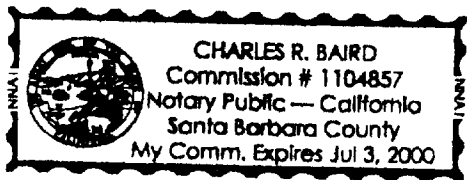
State of CALIFORNIA
County of SANTA BARBARA



On JUNE 30, 1998 before me, CHARLES R. BAIRD - NOTARY PUBLIC
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared TARA J. MCAVOY
Name(s) of Signer(s)

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/his/their authorized capacity(ies), and that by his/his/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.

Charles R. Baird
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: ASSIGNMENT

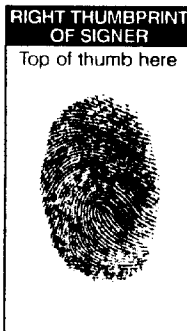
Document Date: NONE Number of Pages: 2

Signer(s) Other Than Named Above: NONE

Capacity(ies) Claimed by Signer(s)

Signer's Name: TARA J. MCAVOY

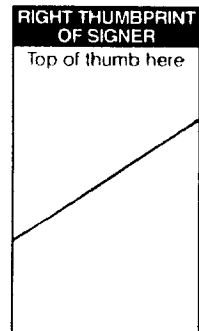
- Individual
- Corporate Officer
- Title(s): _____
- Partner — Limited General
- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: _____



Signer Is Representing:

Signer's Name: _____

- Individual
- Corporate Officer
- Title(s): _____
- Partner — Limited General
- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: _____



Signer Is Representing:

