

03-06-2006

DEPARTMENT OF COMMERCE
Patent and Trademark Office

3/1/06



UNVN.124676

103190727

To the Director of the U.S. Patent and Trademark Office, please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)
Anthony N. Caruso
Peter A. Dowben
Jennifer I. Brand
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: Board of Regents of University of Nebraska
Internal Address: _____
Street Address: 3835 Holdrege Street
City: Lincoln
State: Nebraska
Country: U.S.A. Zip: 68503-1435
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):
Execution Date(s) February 15, 2006
 Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

4. Application or patent number(s): This document is being filed together with a new application.
A. Patent Application No.(s)
11/195,407
B. Patent No.(s)
Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:
Name: Shook, Hardy & Bacon L.L.P.
Internal Address: Attn: John E. Gibson
Street Address: 2555 Grand Blvd.
City: Kansas City
State: Missouri Zip: 64108
Phone Number: 816/474-6550
Fax Number: 816/421-5547
Email Address: _____

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
 Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information
a. Credit Card Last 4 Numbers _____
Expiration Date _____
b. Deposit Account Number 01/03/2006 MUELLER 00000076 11195407
Authorized User Name _____ 40.00 00

9. Signature: Tawni L. Wilhelm
Signature
Name of Person Signing

Date 2/27/2006
Total number of pages including cover sheet, attachments, and documents: 4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

WHEREAS, we, ANTHONY N. CARUSO, of 328 Liberty Lane, Horace, North Dakota, PETER A. DOWBEN, c/o Board of Regents of University of Nebraska, 3835 Holdrege Street, Lincoln, Nebraska, and JENNIFER I. BRAND, c/o Board of Regents of University of Nebraska, 3835 Holdrege Street, Lincoln, Nebraska, have invented certain new and useful improvements in

BORON CARBIDE PARTICLE DETECTORS

for which we have made application for Letters Patent of the United States, Serial No. 11/195,407, filed 08/02/2005; which claims the benefit of provisional application Serial No. 60/598,142, filed 08/02/2004, and provisional application Serial No. 60/604,727, filed 08/26/2004.

WHEREAS, BOARD OF REGENTS OF UNIVERSITY OF NEBRASKA, a corporation duly organized under the laws of the State of Nebraska, and having its principal place of business at 3835 Holdrege Street, Lincoln, Nebraska, is desirous of acquiring an interest in, to and under said invention, said application and any and all Letters Patent which may be granted for or upon said invention in the United States of America and all countries foreign thereto;

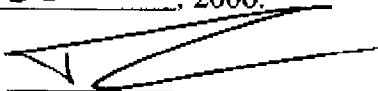
NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, ANTHONY N. CARUSO, PETER A. DOWBEN, and JENNIFER I. BRAND, have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said BOARD OF REGENTS OF UNIVERSITY OF NEBRASKA the full and exclusive right, title and interest, throughout the world, in, to and under said invention as fully set forth and described in the above-identified application; in, to and under said application; in, to and under any and all

Serial No. 11/195,407
Filed 08/02/2005

BRA-0402/UNVN.124676

refilings, divisions and continuations of said application; in, to and under any and all Letters Patent of the United States of America which may issue from said application, refilings, divisions and continuations; in, to and under any and all reissues of said Letters Patent of the United States of America; in, to and under any and all applications for Letters Patent upon said invention which may hereafter be filed in any and all countries foreign to the United States of America; in, to and under any and all refilings, divisions and continuations of said foreign-filed applications; in, to and under any and all Letters Patent of countries foreign to the United States of America, which may issue from the said foreign-filed applications, refilings, divisions and continuations; and in, to and under any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America, the same to be held and enjoyed by said BOARD OF REGENTS OF UNIVERSITY OF NEBRASKA for its own use and behoof, and for its successors, legal representatives and assigns, to the full end of the term for which said Letters Patent may be granted, and we do hereby authorize and request the Commissioner of Patents to issue the said Letters Patent in accordance with this assignment.

EXECUTED this 15 day of FEB, 2006.



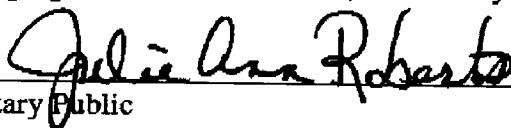
ANTHONY N. CARUSO

STATE OF North Dakota :

: ss.

COUNTY OF CASS :

Before me personally appeared ANTHONY N. CARUSO, to me known to be the person described in, and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth, on the day and year aforesaid.

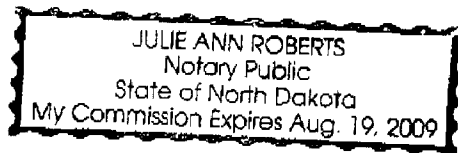


Notary Public

SEAL

My Commission Expires:

8-19-2009



Serial No. 11/195,407
 Filed 08/02/2005

DRA-0402/UNVN.124676

EXECUTED this 15 day of February, 2006.

Peter Dowben
 PETER A. DOWBEN

STATE OF Nebraska :
 : SS.
 COUNTY OF Lancaster :

Before me personally appeared PETER A. DOWBEN, to me known to be the person described in, and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth, on the day and year aforesaid.

SEAL  Barbara Gorski
 Notary Public

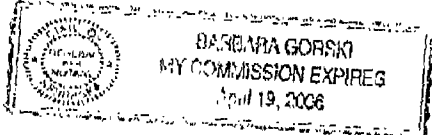
My Commission Expires:
April 19, 2006

EXECUTED this 15 day of February, 2006.

Jennifer I. Brand
 JENNIFER I. BRAND

STATE OF Nebraska :
 : SS.
 COUNTY OF Lancaster :

Before me personally appeared JENNIFER I. BRAND, to me known to be the person described in, and who executed the foregoing instrument, and she duly acknowledged to me that she executed the same for the uses and purposes therein set forth, on the day and year aforesaid.

SEAL  Barbara Gorski
 Notary Public

My Commission Expires:
April 19, 2006