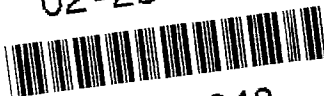


02-28-2005

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

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102949243

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)/Execution Date(s):**

Radoslav Adzic  
Junliang Zhang  
Yibo Mo  
Miomir Vukmirovic

Execution Date(s) February 4, 2005

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

**3. Nature of conveyance:**

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

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

Name: Brookhaven Science Associates

Internal Address: Bldg. 460

Street Address: 40 Brookhaven Ave

City: Upton

State: New York

Country: U.S.A. Zip: 11973-5000

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

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

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

S.N. 11/019,759  
filed 12/22/2004

Additional numbers attached? ☐ Yes ☐ No

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

Name: Margaret C. Bogosian

Internal Address: \_\_\_\_\_

Street Address: Brookhaven National Laboratory

Bldg. 475D - P.O. Box 5000

City: Upton

State: New York Zip: 11973-5000

Phone Number: \_\_\_\_\_

Fax Number: \_\_\_\_\_

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 02-3977

Authorized User Name \_\_\_\_\_

**9. Signature:**

Signature

Date

Margaret C. Bogosian

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 2

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

03/03/2005 ECDOPER 00000375 023977 11019759

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PATENT  
REEL: 016292 FRAME: 0771

WHEREAS, we Radoslav Adzic, Junliang Zhang, Yibo Mo and Miomir Vukmirovic, citizens of the United States, China, China, and Serbia and Montenegro respectively, residing in East Setauket, County of Suffolk, State of New York, in Stony Brook, County of Suffolk, State of New York, in Naperville, County of Will, State of Illinois, and in Port Jefferson Station, County of Suffolk State of New York, have invented certain new and useful improvements in "Platinum- and Platinum Alloy-Coated Palladium and Palladium Alloy Particles and Uses Thereof", for which we filed an application for United States Letters Patent identified as BSA 04-27; and executed by us on 2/4/2005; and;

WHEREAS, the Brookhaven Science Associates desires to acquire the entire right, title, and interest in and to the said invention and in and to any Letters Patent wherever they may be issued thereon;

WHEREAS, the Brookhaven Science Associates has elected to take title to said invention pursuant to P.L. 98-620 and has informed the U.S. Department of Energy of that election and the U.S. Department of Energy has not exercised any exceptions thereto under either 401.3(a)(2) or (3) of P.L. 98-620, but retains the right to do so;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar to us in hand paid by said Brookhaven Science Associates and for other good and valuable consideration, the receipt of which is hereby acknowledged, we by these presents do sell, assign, and transfer unto the said Brookhaven Science Associates the entire right, title, and interest in and to the said invention and in and to any and all Letters Patent wherever they may be granted thereon as well as reissues and extensions of said Letters Patent, the same to be held and enjoyed by the said Brookhaven Science Associates to the full end of the term or terms for which Letters Patent are or may be granted, reissued, or extended, as fully and entirely as the same would have been held or enjoyed by us had this assignment not been made.

We agree to make, execute, and deliver unto the Brookhaven Science Associates any and all papers, documents, affidavits, renewal, divisional and reissue applications, statements, or other instruments in such usual or other forms, terms, and contents as may be required by the Brookhaven Science Associates, or its duly authorized representative, in or incident to the prosecution or conduct of any and all applications, before as well as after the issuance of any Letters Patent thereon, or in the adjustment or settlement of any interferences or other actions or proceedings that said applications may encounter or in which they may become involved, and we agree that we will aid the Brookhaven Science Associates in every way in protecting the invention as may be requested by the Brookhaven Science Associates or its assigns, except that any expenses arising through extending such assistance will be paid for by proper arrangement with the Brookhaven Science Associates

WITNESS:

Maria Pauze

WITNESS:

Maria Pauze

WITNESS:

Shuain

WITNESS:

Maria Pauze

Approved and consented to this 2nd day of February, 2005.

ATTEST:

Radoslav Adzic (SEAL)  
Date 2.4.05.

Junliang Zhang (SEAL)  
Date 2/4/2005

Yibo Mo (SEAL)  
Date 2/4/2005

Miomir Vukmirovic (SEAL)  
Date 2/4/2005

By MARGARET C. BOGOSIAN  
Its PATENT COUNSEL