

08-24-2005



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

1022.8

1. Name of conveying party(ies)

Radoslav Adzic
Junliang Zhang
Kotaro Sasaki
Yibo Mo
Miomir Vukmirovic

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

2. Name and address of receiving party(ies)

Name: Brookhaven Science Associates, LLC

Internal Address: Bldg. 460

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City: Upton

State: New York

Country: USA Zip: 11973-5000

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 6/17/05; 6/27/05; and 6/23/05

- 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)

S.N. 11/156,038
filed 6/20/05

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Margaret C. Brookaven

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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 M. C. Bogosian

9. Signature:

Signature

8/16/05
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:
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06/23/2005 ECOOPER 00000247 023977 11156038

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WHEREAS, we Radoslav Adzic, Junliang Zhang, Kotaro Sasaki, Yibo Mo and Miomir Vukmirovic, citizens of the United States, China, Japan, 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 Ronkonkoma, 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 "Electrocatalysts Having Platinum Monolayers on Palladium, Palladium Alloy, and Gold Alloy Nanoparticle Cores, and Uses Thereof", for which we are about to file an application for United States Letters Patent identified as BSA 05-09; and executed by us on 6/17/2005; 6/23/2005; and 6/27/2005; 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: [Signature]

Radoslav Adzic
Radoslav Adzic (SEAL)
Date 6/23/05

WITNESS: [Signature]

Junliang Zhang
Junliang Zhang (SEAL)
Date 6/17/05

WITNESS: [Signature]

Kotaro Sasaki
Kotaro Sasaki (SEAL)
Date 6/17/2005

WITNESS: [Signature]

Yibo Mo
Yibo Mo (SEAL)
Date 6/27/05

WITNESS: [Signature]

Miomir Vukmirovic
Miomir Vukmirovic (SEAL)
Date 6/17/2005

Approved and consented to this 16 day of June, 2005.

[Signature]
By MARGARET C. BOGOSIAN
Its PATENT COUNSEL

PATENT