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1. Name of conveying party(ies)

JOSHUA J. PAK

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

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

Execution Date(s) JANUARY 13, 2011

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

2. Name and address of receiving party(ies)

Name: IDAHO STATE UNIVERSITY

Internal Address: _____

Street Address: 921 S. 8TH AVENUE, STOP 8046

City: POCATELLO

State: ID

Country: US Zip: 83209-8046

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)

60/875,221

11/957,108

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: KEN J. PEDERSEN

Internal Address: PEDERSEN AND COMPANY, PLLC

Street Address: P.O. BOX 2666

City: BOISE

State: ID Zip: 83701

Phone Number: 208-343-6355

Fax Number: 208-343-6341

Email Address: _____

6. Total number of applications and patents involved: 2

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 80.00

- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 502236

Authorized User Name BARBARA S. PEDERSEN

9. Signature:

Barbara S. Pedersen
Signature

1/19/2011
Date

BARBARA S. PEDERSEN, PATENT AGENT
Name of Person Signing

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

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
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CH \$80.00 502236 60875221

ASSIGNMENT OF INVENTION(S), PATENT APPLICATION(S) AND/OR PATENT(S)

I, JOSHUA J. PAK, in consideration of good and valuable consideration paid to me, agree to assign, and hereby do assign, transfer and set over to IDAHO STATE UNIVERSITY (hereinafter designated as the Assignee) at the address of 921 S. 8th Avenue, Stop 8046, Pocatello, Idaho 83209-8046, the entire right, title and interest in and to the invention known as "RAPID SYNTHESIS AND SIZE CONTROL OF CHALCOPYRITE-BASED SEMI-CONDUCTOR NONOPARTICLES USING MICROWAVE IRRADIATION," for which a provisional application was filed in the United States Patent and Trademark Office was filed on December 14, 2006 and given Serial No. 60/875,221, and for which a non-provisional application was filed in the United States Patent and Trademark Office was filed on December 14, 2007 and given Serial No. 11/957,108 and which patent applications are also hereby assigned, transferred, and set over to Assignee. I also agree to assign any and all U.S. design and utility patent applications (including provisional, non-provisional, continuation, continuation-in-part, and divisional applications), PCT applications, and National Phase applications claiming priority of the above-identified application(s). I hereby give the office of Pedersen & Company, PLLC permission to fill in the filing dates and the serial numbers, when known, of said U.S. design and utility patent applications, PCT applications, and National Phase applications: _____

- 1) I agree to execute all papers necessary or convenient in connection with each application to protect the invention, and any continuation, continuation-in-part, or divisional applications thereof, and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
- 2) I agree to execute all papers necessary or convenient in connection with any interference which may be declared concerning any application relating to the invention, or any continuation, continuation-in-part, or division thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with any such interference.
- 3) I agree to execute all papers and documents and perform any act which may be necessary or convenient in connection with claims or provisions of foreign patent offices, including those operating under the Patent Cooperation Treaty (PCT), International Convention for Protection of Industrial Property, or similar treaties or agreements.
- 4) I agree to perform all affirmative acts which may be necessary or convenient to obtain grants of valid patents to the Assignee relating to the invention.
- 5) I hereby authorize and request the Commissioner of Patents and Trademarks, and all equivalent foreign patent office officials, to issue any and all Letters Patents resulting from said applications or any continuation, continuation-in-part, or divisional applications thereof, to the said Assignee, as Assignee of the entire interest, and hereby covenant that I have full right to

convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

6) I hereby grant the Assignee and its duly authorized representatives the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office, and any equivalent foreign patent office, for recordation of this document.

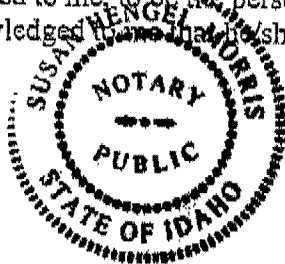
NOW THEREFORE, Assignor hereby forever transfers and assigns unto Assignee all right, title, and interest, in and to the subject invention(s); the same to be held and enjoyed by Assignee, its heirs, successors, assigns, and legal representatives, as completely as if the inventions would have been held by Assignor had this assignment not been made, including the right to sue for past infringements.

Date 1/13/2011 Signature of Co-Inventor [Signature]

State of Idaho)
County of Bannock) S. S.

On this 13th day of January, in the year of 2011, before me Susan Hengel-Morris, personally appeared JOSHUA J. PAK, known or identified to me, to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same.

S
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A
L



Notary Public [Signature]
My Commission Expires On 10/23/15

Date _____ Signature of Spouse _____
(as to community property interest only)
State of Idaho)
County of _____) S. S.

On this _____ day of _____, in the year of 201____, before me _____, personally appeared _____, known or identified to me, to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same.

S
E
A
L

Notary Public
My Commission Expires On _____