

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | |
|---|-----------------------------------|---------------|----------------|---------------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | |
| CONVEYING PARTY DATA | | | | | |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Wei Chen</td> <td>05/30/2012</td> </tr> </tbody> </table> | | Name | Execution Date | Wei Chen | 05/30/2012 |
| Name | Execution Date | | | | |
| Wei Chen | 05/30/2012 | | | | |
| RECEIVING PARTY DATA | | | | | |
| Name: | Oak Ridge Associated Universities | | | | |
| Street Address: | 120 Badger Avenue | | | | |
| City: | Oak Ridge | | | | |
| State/Country: | TENNESSEE | | | | |
| Postal Code: | 37830 | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13465360</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13465360 |
| Property Type | Number | | | | |
| Application Number: | 13465360 | | | | |
| CORRESPONDENCE DATA | | | | | |
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| ATTORNEY DOCKET NUMBER: | 2562 CHEN TO ORAU | | | | |
| NAME OF SUBMITTER: | Elizabeth Warfield | | | | |
| Signature: | /Elizabeth Warfield/ | | | | |
| Date: | 04/17/2013 | | | | |
| Total Attachments: 3 source=Joe ORAU Assignment Coversheet#page1.tif source=Chen to ORAU#page1.tif source=Chen to ORAU#page2.tif | | | | | |

CH \$40.00 13465360

RECORDATION FORM COVER SHEET PATENTS ONLY

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)
Wei Chen

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

2. Name and address of receiving party(ies)
Name: Oak Ridge Associated Universities
Internal Address: _____
Street Address: 120 Badger Avenue
City: Oak Ridge
State: TN
Country: USA Zip: 37830

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

3. Nature of conveyance/Execution Date(s):
Execution Date(s) 05/30/2012

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)
13/465,360

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:
Name: Joseph A. Marasco
Internal Address: UT-Battelle, LLC
Street Address: One Bethel Valley Road
4500N, MS-6258
City: Oak Ridge
State: TN Zip: 37831-6258
Phone Number: (865) 574-4178
Fax Number: (865) 574-0381
Email Address: marascoja@ornl.gov

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 13-1958
Authorized User Name Elizabeth Warfield

9. Signature: _____ /Joseph A. Marasco/ _____ 04/17/2013
Signature Date

Joseph A. Marasco, Reg. No. 32798
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 3

ASSIGNMENT

WHEREAS, I the below-named inventor whose residence is stated below, have co-invented certain new and useful improvements in

Nano-Composite Stainless Steel

(hereinafter referred to as "Subject Invention") for which an application for United States Letters Patent 13/465,360 filed on May 7, 2012 and

WHEREAS, Oak Ridge Associated Universities, the not-for-profit operating contractor of the U.S. Department of Energy's Oak Ridge Institute for Science and Education under its prime contract No. DE-AC05-06OR23100, having an address at 100 ORAU Way, Post Office Box 117, Mail Stop 27, Oak Ridge, Tennessee 37831-0117, hereinafter referred to as "ASSIGNEE," is desirous of acquiring the entire right, title and interest of the undersigned in the Subject Invention and to any Letters Patent that may be granted therefor in the United States of America and in any and all foreign countries.

NOW, THEREFORE, in accordance with the terms of my employment agreement with ASSIGNEE and for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby assign to ASSIGNEE my entire right, title and interest in the Subject Invention, to all rights of priority thereto pursuant to the International Convention for the Protection of Industrial Property, and in any Letters Patent on the Subject Invention that may be granted in the United States of America and in any and all foreign countries, including any and all Letters Patent that are divisions, reissues, continuations, substitutions or extensions of any Letters Patent or applications therefor on the Subject Invention.

I hereby authorize and request the Commissioner of the United States Patent and Trademark Office and the officials of any and all foreign countries to issue any and all of said Letters Patent, when granted, to the ASSIGNEE.

Further, I hereby agree to communicate to said ASSIGNEE or its representatives any facts known to us respecting said Subject Invention, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, to execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, and to make all rightful oaths and generally do everything possible to aid said ASSIGNEE and its representatives to obtain and enforce proper protection for said Subject Invention in the United States of America and in any and all foreign countries.

I further agree that the terms, covenants and conditions of this assignment shall inure to the benefit of ASSIGNEE, its successors, assigns, and legal representatives, and shall be binding on me, my heirs, legal representatives, and assigns.

Full name of inventor: Wei Chen

Signature: Wei Chen Date: 5/30/2012

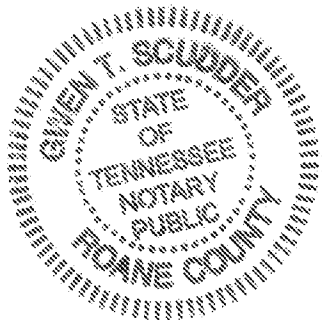
Residence: 206 Elmhurst Dr., Apt. F36, Oak Ridge, TN 37830-8716

State of Tennessee)
County of ROANE)

On this 30 day of May, 2012, before me, a Notary Public in and for the County and State aforesaid, appeared WEI CHEN to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the day and year last above given.

James J. Scudder
Notary Public



SEAL

My Commission Expires:

My Commission Expires Thursday, August 14, 2012.