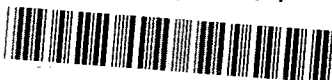


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PATENT

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

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)**

Michael W. Smith

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

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

Execution Date(s) 12/07/2011

- ☒ 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: USA as represented by the Administrator of the National

Internal Address: Aeronautics and Space Administration

Street Address: \_\_\_\_\_

City: Washington

State: DC

Country: USA Zip: 20546

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)

13/200,314

Additional numbers attached? ☐ Yes ☒ No

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

Name: Auzville Jackson, Jr.

Internal Address: Docket 2116U(JSA)

Street Address: 1500 Forest Ave., Ste. 212

City: Richmond

State: VA Zip: 23229

Phone Number: 804-740-6828

Fax Number: 804-740-1881

Email Address: \_\_\_\_\_

**6. Total number of applications and patents involved:** \_\_\_\_\_

**7. Total fee (37 CFR 1.21(h) & 3.41)** \$ 40.00

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

**8. Payment Information**

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**9. Signature:**

Auzville Jackson, Jr.  
Signature

12/12/2011  
Date

Auzville Jackson, Jr.

Name of Person Signing

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

2

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**PATENT**  
**REEL: 027512 FRAME: 0841**



National  
Aeronautics and  
Space  
Administration

Patent Application

### Assignment to the Government (by Government Employee)

Title of Invention: BxCyNz Nanotube Formation via the Pressurized Vapor/Condenser Method

Inventor(s): Kevin C. Jordan, R.Roy Whitney, Michael W. Smith, Jae-Woo Kim and Cheol Park

NASA Case No.: LAR-17972-1 Application No.: 13/200,314 Filing Date\*: 09/22/2011

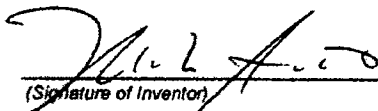
WHEREAS, the parties to this Assignment and Agreement are the undersigned inventor(s) and the United States Government (hereafter Government), as represented by the Administrator of the National Aeronautics and Space Administration;

WHEREAS, the making of this Assignment and Agreement is in accordance with 37 CFR Part 501; and

WHEREAS, the undersigned inventor(s) has (have) executed, on the date(s) indicated below, an application for United States Patent on the above-entitled invention.

NOW THEREFORE, in consideration of employment by the Government, the undersigned hereby:

1. Assign to the Government my (our) full and exclusive right in and to said invention within the United States of America, its territories and possessions, and my (our) entire right, title and interest in and to said application, and any corresponding continuation or divisional application(s) and any patent(s) that may issue therefrom.
2. Agree to grant to the Government my (our) full and exclusive foreign rights in and to said invention, in accordance with 37 CFR 501.9(d), including rights of priority under the International Convention of Paris (1883), as amended. If the Government chooses not to file an application in any foreign country, I (we) may request rights in that country, in accordance with 37 CFR 501.9(d), and such rights will be subject to the reservation to the Government of a nonexclusive, irrevocable, royalty-free license in the invention with power to grant licenses for all governmental purposes. The terms of such reservation will appear, where practicable, in any foreign patent which may issue on such invention.
3. Agree, at the expense of the Government, (a) to execute any document for, (b) to deliver any requested information to, and (c) to cooperate in any manner with the Government in order to allow the Government to protect any interest transferred by this Assignment and Agreement.
- \*4. Authorize and request the attorneys of record in the application to insert the application number and filing date above when required.

 (Signature of Inventor)	x <u>Dec 7, 2011</u> (Date Assignment Executed)	 (Date Application Executed)
<u>Michael W. Smith</u> (Inventor's Typed Name)	<u>622 Guy Lane, Newport News, VA 23602</u> (Mailing Address - Including Country)	
 (Signature of Inventor)	 (Date Assignment Executed)	 (Date Application Executed)
 (Inventor's Typed Name)	 (Mailing Address - Including Country)	
 (Signature of Inventor)	 (Date Assignment Executed)	 (Date Application Executed)
 (Inventor's Typed Name)	 (Mailing Address - Including Country)	

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