


# 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.

<b>1. Name of conveying party(ies)</b> <div style="text-align: center;">             Gary Cook              Dean Evans              Sergey Basun              Victor Reshetnyak           </div> Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>2. Name and address of receiving party(ies)</b> Name: <u>The United States of America as represented by the Secretary of the Air Force</u> Internal Address: <u>AFMCLO/JAZ</u> <u>Bldg 11, Room D18</u> Street Address: <u>2240 B Street</u> City: <u>Wright-Patterson Air Force Base</u> State: <u>Ohio</u> Country: <u>U.S.A.</u> Zip: <u>45433-7109</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>3. Nature of conveyance/Execution Date(s):</b> Execution Date(s) <u>4/7/10-3/23/10-4/7/10-3/26/10</u> <input type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input checked="" type="checkbox"/> <u>Government Interest Assignment</u> <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____	<b>4. Application or patent number(s):</b> <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) <div style="text-align: center; margin-top: 20px;">12/903,331</div> B. Patent No.(s)
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>5. Name and address to whom correspondence concerning document should be mailed:</b> Name: <u>Lynnita C. Davis</u> Internal Address: <u>AFMCLO/JAZ</u> <u>Bldg 11, Room D18</u> Street Address: <u>2240 B Street</u> City: <u>Wright-Patterson AFB</u> State: <u>Ohio</u> Zip: <u>45433-7109</u> Phone Number: <u>(937) 904-5077</u> Fax Number: <u>(937) 255-3733</u> Email Address: <u>lynnita.davis@wpafb.af.mil</u>	<b>6. Total number of applications and patents involved:</b> <u>1</u> <b>7. Total fee (37 CFR 1.21(h) &amp; 3.41) \$</b> <u>40.00</u> <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)
<b>8. Payment Information</b> Deposit Account Number <u>AF01-0465</u> Authorized User Name <u>Lynnita C. Davis</u>	
<b>9. Signature:</b> <u></u> <span style="float: right;"><u>11-1-10</u></span> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="text-align: center;">             LYNNITA C. DAVIS              Name of Person Signing           </div> <div style="text-align: center;">             Signature              Date           </div> </div>	
Total number of pages including cover sheet, attachments, and documents: <span style="border: 1px solid black; padding: 2px 10px;">6</span>	

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
 Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

700449442

**PATENT**  
**REEL: 025230 FRAME: 0730**

CH \$40.00 010465 12903331

**ASSIGNMENT**Application Title: "HARVESTING SINGLE DOMAIN NANOPARTICLES AND THEIR APPLICATIONS"Inventor(s): Gary CookSerial No. / Filing Date: 12/903,331 / 4/7/10Contractor: Azimuth CorporationContract Number: FA8650-09-D-5434 000901

Contractor's Invention No.: \_\_\_\_\_


Air Force Invention No.: AFD 1081

The undersigned Inventor(s) in recognition of their obligation as employee(s) of the Contractor to assign inventions to the Contractor, and pursuant to the obligations of the Contractor to the Government of the United States under the above contract, hereby assign to the United States of America, as represented by the Secretary of the Air Force, their entire right, title, and interest throughout the world in and to each invention disclosed and claimed in the above U.S. patent application, made jointly with Dean R. Evans, employee(s) of the U.S. Government and Victor Y. Reshetnyak, and any substitution, division, or continuation of such patent application, subject to the reservation to the Contractor of any license to which the Contractor may be entitled under the above contract.

The Inventor(s) agree to assist the Contractor and the Government, upon request, by furnishing any available information and documents, performing all acts, and doing all things which may be reasonably necessary to prepare, file and prosecute such applications and make this assignment effective.

The Contractor joins in and agrees to this assignment and, except for the reservation of any license under the above contract, relinquishes and assigns to the United States of America as represented by the Secretary of the Air Force their entire right, title, and interest throughout the world in and to such inventions, and further agrees to furnish to the Government, upon request, any available information and documents necessary for the preparation, filing, and prosecution of such applications, for patent.

Inventor

  
GARY COOKSUBSCRIBED AND ACKNOWLEDGED before me by Gary Cook this 7 day ofApril 2010, at the city of Dayton in the County of  
Montgomery and State of OHIO  
Signature - Notary Public

FOR THE CONTRACTOR

Contractor: Azimuth CorporationBy: Valerie K Rossi  
(Signature of officer or agent)Date: 8/31/10Printed Name: VALERIE K. ROSSITitle: PRESIDENTBusiness Address: Azimuth Corporation  
4134 Linden Ave., Ste. 300, Dayton, Ohio 45432

## ASSIGNMENT

WHEREAS I, **Dean R. Evans**, while employed by the Government of the United States, made jointly with **Gary Cook, Sergey A. Basun and Victor Y. Reshetnyak** an invention entitled "HARVESTING SINGLE DOMAIN NANOPARTICLES AND THEIR APPLICATIONS", described in an application for Letters Patent of the United States (Application number 12/903,331, filed 3/23/10), and I hereby authorize and request AFMCLO/JAZ to insert here in the above parentheses (Application number, filed) the filing date and application number of said application when known;


WHEREAS, the conditions under which the joint invention was made are such as to entitle the Government under paragraph 1(a) of Executive Order 10096, to my entire right, title and interest therein, including foreign rights; and

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable considerations, I, **Dean R. Evans**, have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto the Government of the United States, as represented by the Secretary of the Air Force, my entire right, title and interest throughout the world in and to the aforesaid joint invention described in the aforesaid application for Letters Patent of the United States, and any and all applications for patent and patents in any and all countries foreign to the United States, and all Letters Patent issuing thereon and any continuations, continuations-in-part, divisions, and reissues or extensions thereof; and all priority resulting from the filing of the aforesaid application for patent in the United States; I hereby authorize and request any official whose duty it is to issue patents to issue any patent thereon to the United States of America, as represented by the Secretary of the Air Force, and his successors, as assignee of my entire right, title and interest in and to the same, for the sole use for the full term or terms for which said patents and any continuations, continuations-in-part, divisions and reissues or extensions thereof are, or may be, granted as fully and entirely as the same would have been held by me had this Assignment not been made; and I do hereby also grant to the Government of the United States as represented by the Secretary of the Air Force, the option to take the entire right, title and interest in the invention or all applications for Letters Patent thereon in all countries foreign to the United States in which the United States of America may file, or cause to be filed, applications for Letters Patent, without payment to me of any further consideration; provided, however, that this grant of an option to take foreign rights in the invention must be exercised by written notice to me within eight months of the filing date of any application for United States Letters Patent covering the invention, or within eight months from the declassification of the invention, whichever is later, and that all foreign rights not exercised under the option are left to me subject to a nonexclusive, irrevocable, royalty-free license to the United States of America in any patent which may issue on said invention in any foreign country, including the power to issue sublicenses for use in behalf of the United States of America and/or in furtherance of the foreign policies of the United States of America; and I hereby agree to execute any and all applications for Letters Patent, and to furnish all data and documents and to execute any papers which may be necessary or convenient for the preparation, filing, or prosecution of such applications, except it is understood that I shall not be subject to any out-of-pocket expense relative to such action.

  
DEAN R. EVANS

SUBSCRIBED AND ACKNOWLEDGED before me by Dean R. Evans this 23rd day of March 2010, at the city of Wright-Patterson AFB in the County of Montgomery and State of Ohio.



  
Notary Public  
*formerly*  
LYNNITA C. ROBERTSON, Notary Public  
in and for the State of Ohio  
My Commission Expires 1, 2013

REEL: 025230 FRAME: 0732

**ASSIGNMENT**


Application Title: "HARVESTING SINGLE DOMAIN NANOPARTICLES AND THEIR APPLICATIONS"  
Inventor(s): Gary Cook, Sergey A. Basun  
Serial No. / Filing Date: 12/903,331 / 3/23/10  
Contractor: Universal Technology Corporation  
Contract Number: F33615-03-D-5801  
Contractor's Invention No.: \_\_\_\_\_  
Air Force Invention No.: AFD 1081

The undersigned Inventor(s) in recognition of their obligation as employee(s) of the Contractor to assign inventions to the Contractor, and pursuant to the obligations of the Contractor to the Government of the United States under the above contract, hereby assign to the United States of America, as represented by the Secretary of the Air Force, their entire right, title, and interest throughout the world in and to each invention disclosed and claimed in the above U.S. patent application, made jointly with Dean R. Evans, employee(s) of the U.S. Government and Victor Y. Reshetnyak, and any substitution, division, or continuation of such patent application, subject to the reservation to the Contractor of any license to which the Contractor may be entitled under the above contract.

The Inventor(s) agree to assist the Contractor and the Government, upon request, by furnishing any available information and documents, performing all acts, and doing all things which may be reasonably necessary to prepare, file and prosecute such applications and make this assignment effective.

The Contractor joins in and agrees to this assignment and, except for the reservation of any license under the above contract, relinquishes and assigns to the United States of America as represented by the Secretary of the Air Force their entire right, title, and interest throughout the world in and to such inventions, and further agrees to furnish to the Government, upon request, any available information and documents necessary for the preparation, filing, and prosecution of such applications, for patent.

Inventor

  
GARY COOK

SUBSCRIBED AND ACKNOWLEDGED before me by Gary Cook this 23rd day of March 2010, at the city of Wright-Patterson AFB in the County of Montgomery and State of Ohio

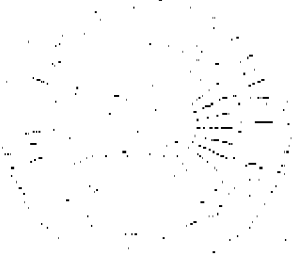
  
Signature Notary Public

Formerly  
LYNNITA C. ROBERTSON, Notary Public  
In and for the State of Ohio  
My Commission Expires Nov. 2, 2013

Inventor

SERGEY A. BASUN

SUBSCRIBED AND ACKNOWLEDGED before me by Sergey A. Basun this 7 day of APRIL 2010, at the city of Dayton in the County of Montgomery and State of OHIO

  
Ante A. Thomas  
Signature - Notary Public

## FOR THE CONTRACTOR

Contractor: Universal Technology CorporationBy: Howard E Bethel

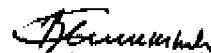
(Signature of officer or agent)

Date: 30 Aug 10Printed Name: Howard E BethelTitle: Senior Vice PresidentBusiness Address: 1270 North Fairfield Road  
Dayton, OH 45432-2600

## ASSIGNMENT

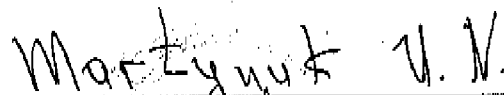
WHEREAS I, Victor Yu Reshetnyak, a professor of the University of Kyiv, while performing work for the Government of the United States, made jointly with Gary Cook, Dean R. Evans, and Sergey A. Basun an invention entitled "HARVESTING SINGLE DOMAIN NANOPARTICLES AND THEIR APPLICATIONS", described in an application for Letters Patent of the United States (Application number 12/903,331, filed 3/26/10), and I hereby authorize and request AFMCLO/JAZ to insert here in the above parentheses (Application number, filed) the filing date and application number of said application when known;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable consideration, I have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto the Government of the United States, as represented by the Secretary of the Air Force, my entire right, title and interest throughout the world in and to the aforesaid joint invention described in the aforesaid application for Letters Patent of the United States, and any and all applications for patent and patents in any and all countries foreign to the United States, and all Letters Patent issuing thereon and any continuations, continuations-in-part, divisions, and reissues or extensions thereof, subject to the reservation by the University of Kyiv of a license to which the University may be entitled under an agreement with the U.S. Government in which the invention was made; and all priority resulting from the filing of the aforesaid application for patent in the United States; I hereby authorize and request any official whose duty it is to issue patents to issue any patent thereon to the United States of America, as represented by the Secretary of the Air Force, and his successors, as assignee of my entire right, title and interest in and to the same, for the sole use for the full term or terms for which said patents and any continuations, continuations-in-part, divisions and reissues or extensions thereof are, or may be, granted as fully and entirely as the same would have been held by me had this Assignment not been made; and I hereby agree to execute any and all applications for Letters Patent, and to furnish all data and documents and to execute any papers which may be necessary or convenient for the preparation, filing, or prosecution of such applications, except it is understood that I shall not be subject to any out-of-pocket expense relative to such action.



VICTOR YU RESHETNYAK

SUBSCRIBED AND ACKNOWLEDGED before me this 26 day of March, 2010, at the city of KYIV in the County of \_\_\_\_\_ and State of UKRAINE



Notary Public

PATENT