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| <b>PATENT ASSIGNMENT COVER SHEET</b> |
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| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                                       |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT   |
| <b>CONVEYING PARTY DATA</b>   |  |
| <b>Name</b>   | <b>Execution Date</b>                                |
| WILLIAM F. BLAKELY  | 04/01/2014   |
| NATALIA I. OSSETROVA  | 03/26/2014   |
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| <b>City:</b>  | BETHESDA   |
| <b>State/Country:</b>   | MARYLAND   |
| <b>Postal Code:</b>   | 20814  |
| <b>PROPERTY NUMBERS Total: 3</b>  |  |
| <b>Property Type</b>  | <b>Number</b>  |
| <b>Patent Number:</b>   | 10436784   |
| <b>Application Number:</b>  | 15902597   |
| <b>Application Number:</b>  | 16555271   |
| <b>CORRESPONDENCE DATA</b>  |  |
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| <b>Correspondent Name:</b>  | MEDLER FERRO WOODHOUSE & MILLS PLLC                  |
| <b>Address Line 1:</b>  | 8201 GREENSBORO DRIVE                                |
| <b>Address Line 2:</b>  | SUITE 1060   |
| <b>Address Line 4:</b>  | MCLEAN, VIRGINIA 22102                               |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 0076-0075US2, US3 AND US4                            |
| <b>NAME OF SUBMITTER:</b>   | MINXI RAO, REG. NO. 76886                            |
| <b>SIGNATURE:</b>   | /Minxi Rao, #76886/                                  |
| <b>DATE SIGNED:</b>   | 11/11/2022   |
| <b>Total Attachments: 4</b>   |  |
| source=0076-0075US2_0075US3_and_0075US4_Assignment-Inventors_to_USUHS#page1.tif   |  |
| source=0076-0075US2_0075US3_and_0075US4_Assignment-Inventors_to_USUHS#page2.tif   |  |

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source=0076-0075US2\_0075US3\_and\_0075US4\_Assignment-Inventors\_to\_USUHS#page4.tif

**ASSIGNMENT**

WHEREAS I, the below named inventor, (hereinafter referred to as Assignor), have made an invention entitled:

**BIODOSIMETRY PANELS AND METHODS**

as described in International PCT Application No. **PCT/US2012/057736**, filed on **September 28, 2012**, claiming priority to U.S. Provisional Application No. **61/540,584**, filed on **September 29, 2011**, now abandoned, and all corresponding National Stage Applications; and

WHEREAS, the **UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES**, an institution of higher learning within the Department of Defense, a United States Government Agency, whose post office address is 4301 Jones Bridge Road, Bethesda, Maryland (hereinafter referred to as "Assignee"), desires to secure the right, title, and interest in and to this invention in all countries throughout the world, and in and to any and all applications for United States Letters Patent on this invention and the Letters Patent to be issued upon said application;

NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I, as Assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my entire right, title, and interest in and to this invention, and all applications, divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, including all reissues thereof; and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country, and all Letters Patent which may be granted on this invention in any foreign country, and I hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment;

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AND, I HEREBY further covenant and agree that I will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.



**ASSIGNMENT**

WHEREAS I, the below named inventor, (hereinafter referred to as Assignor), have made an invention entitled:

**BIODOSIMETRY PANELS AND METHODS**

as described in International PCT Application No. **PCT/US2012/057736**, filed on **September 28, 2012**, claiming priority to U.S. Provisional Application No. **61/540,584**, filed on **September 29, 2011**, now abandoned, and all corresponding National Stage Applications; and

WHEREAS, the **UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES**, an institution of higher learning within the Department of Defense, a United States Government Agency, whose post office address is 4301 Jones Bridge Road, Bethesda, Maryland (hereinafter referred to as "Assignee"), desires to secure the right, title, and interest in and to this invention in all countries throughout the world, and in and to any and all applications for United States Letters Patent on this invention and the Letters Patent to be issued upon said application;

NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I, as Assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my entire right, title, and interest in and to this invention, and all applications, divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, including all reissues thereof; and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country, and all Letters Patent which may be granted on this invention in any foreign country, and I hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

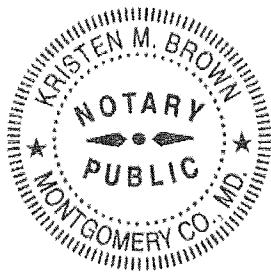
AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment;

AND, I HEREBY further covenant and agree that I will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I have hereunto set my hand.  
STATE OF Maryland, COUNTY OF Montgomery, SS.

Natalia I. Ossetrova  
4309 Emden Street  
Silver Spring, Maryland 20906

*Natalia I. Ossetrova*                      3/26/2014  
SIGNATURE    DATE



Subscribed and sworn to before me this  
26 day of March, 2014

*Kristen M. Brown*  
Notary Public  
Commission Expires: 09/23/2015