

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5511967

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>			<b>Execution Date</b>
ANDREW SCHIMMOELLER			04/01/2019
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	BATTELLE MEMORIAL INSTITUTE		
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<b>Postal Code:</b>	43201		
<b>PROPERTY NUMBERS Total: 2</b>			
<b>Property Type</b>	<b>Number</b>		
<b>Application Number:</b>	62397022		
<b>Application Number:</b>	16334882		
<b>CORRESPONDENCE DATA</b>			
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<b>ATTORNEY DOCKET NUMBER:</b>	56782.2.1.2		
<b>NAME OF SUBMITTER:</b>	PAUL J. LAVANWAY, JR.		
<b>SIGNATURE:</b>	/Paul J. LaVanway, Jr./		
<b>DATE SIGNED:</b>	05/06/2019		
<b>Total Attachments: 3</b>			
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ASSIGNMENT

Whereas, Andrew Schimmoeller, residing at 9645 Ward Rd., Plain City, OH 43064 ("Assignor"), has made invention(s) for which United States and foreign patents and patent applications have been filed or will be filed and are identified on the attached Schedule 1; and

Whereas, Battelle Memorial Institute, an Ohio corporation having a place of business at 505 King Avenue, Columbus, OH 43201 ("Assignee"), desires to acquire the entire right, title and interest in and to the United States and foreign patents and patent applications identified on the attached Schedule 1 and in and to the inventions described or claimed therein (the "Scheduled Patents");

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor hereby assigns to Assignee, and its successors and assigns the following:

- (1) The entire right, title and interest to the Scheduled Patents, to each U.S. and foreign patent application and patent to which the Scheduled Patents claim priority, in whole or in part, and that claim priority, in whole or in part, to the Scheduled Patents, and to the inventions described or claimed the Scheduled Patents (the "Patents")
- (2) The entire right, title and interest to any United States or foreign patents that may issue with respect to the inventions described or claimed in the Patents;
- (3) The entire right, title and interest to any continuations, continuations-in-part, divisions, renewals, reissues, extensions, and substitutions of the Patents; and
- (4) The right to apply for patents based on the Patents in the U.S. and foreign countries in its own name and to claim any priority rights to which such applications are entitled under international conventions, treaties or otherwise; and
- (5) The right to enforce patent rights to the Patents as fully and entirely as the same would have been held and enjoyed by the Assignors if this assignment had not been made; together with all claims by Assignors for damages by reason of past infringement or for provisional rights and including the right to sue for, and collect the same for its own use and benefit, and for the use and benefit of its successors, assigns, and other legal representatives.

Assignor further agrees for itself and for its successors and assigns to execute and deliver without further consideration any further applications, assignments or other documents and to perform such other lawful acts as Assignee, its successors and assigns may deem necessary to fully secure, maintain and enforce its rights, title or interest as outlined herein.

Assignor hereby authorizes and requests the Commissioner of Patents to issue to Assignee any patents that may be granted in accordance with this Assignment.

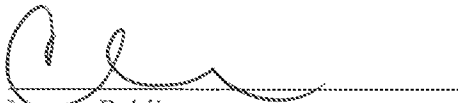
Assignor hereby authorizes attorneys associated with Customer No. 22859, of Fredrikson & Byron, P.A., 200 South Sixth Street, Suite 4000, Minneapolis, Minnesota, 55402-1425, to insert the application numbers, filing dates, and other identifying information on Schedule 1 when known.

This Agreement may be executed in one or more counterparts, all of which shall be considered one and the same agreement. The signatures from each counterpart may be combined with a copy of the Agreement to constitute the entire Agreement.

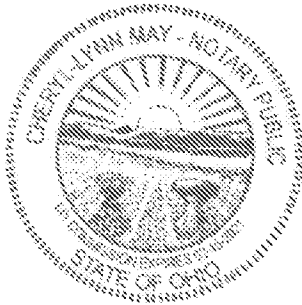
Date: 04/01/2019

  
Andrew Schimmoeller

Subscribed to and sworn to before  
me this 1 day of Apr, 2019.

  
Notary Public

Notary Seal



**SCHEDULE 1****US Patent Applications**

<b>Patent App. No.</b>	<b>Date Filed</b>	<b>Title</b>	<b>Attorney Docket No.</b>
62/397,022	9/20/2016	RADIOISOTOPE DELIVERY SYSTEM WITH MULTIPLE DETECTORS TO DETECT GAMMA AND BETA EMISSIONS	56782.2.1
16/334,882	3/20/2019	RADIOISOTOPE DELIVERY SYSTEM WITH MULTIPLE DETECTORS TO DETECT GAMMA AND BETA EMISSIONS	56782.2.1.2
62/397,025	9/20/2016	SHIELDING ASSEMBLY FOR A RADIOISOTOPE DELIVERY SYSTEM HAVING MULTIPLE RADIATION DETECTORS	56782.2.2
16/334,884	3/20/2019	SHIELDING ASSEMBLY FOR A RADIOISOTOPE DELIVERY SYSTEM HAVING MULTIPLE RADIATION DETECTORS	56782.2.2.2
62/397,026	9/20/2016	SYSTEMS AND TECHNIQUES FOR GENERATING, INFUSING, AND CONTROLLING RADIOISOTOPE DELIVERY	56782.2.3
16/334,887	3/20/2019	SYSTEMS AND TECHNIQUES FOR GENERATING, INFUSING, AND CONTROLLING RADIOISOTOPE DELIVERY	56782.2.3.2

**US Patents**

<b>Patent No.</b>	<b>Date Issued</b>	<b>Title</b>

**Foreign and International Patent Applications**

<b>Country</b>	<b>Patent App. No.</b>	<b>Date Filed</b>	<b>Title</b>	<b>Attorney Docket No.</b>
WO	PCT/US2017/052535	9/20/2017	RADIOISOTOPE DELIVERY SYSTEM WITH MULTIPLE DETECTORS TO DETECT GAMMA AND BETA EMISSIONS	56782.2.1.1
WO	PCT/US2017/052536	9/20/2017	SHIELDING ASSEMBLY FOR A RADIOISOTOPE DELIVERY SYSTEM HAVING MULTIPLE RADIATION DETECTORS	56782.2.2.1
WO	PCT/US2017/052537	9/20/2017	SYSTEMS AND TECHNIQUES FOR GENERATING, INFUSING, AND CONTROLLING RADIOISOTOPE DELIVERY	56782.2.3.1

**Foreign Patents**

<b>Country</b>	<b>Patent No.</b>	<b>Date of Issue</b>	<b>Title</b>

64988488.1