

## PATENT ASSIGNMENT

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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>Thad Heltemes</td> <td>11/27/2012</td> </tr> <tr> <td>Thomas Mackie</td> <td>11/27/2012</td> </tr> </tbody> </table>		Name	Execution Date	Thad Heltemes	11/27/2012	Thomas Mackie	11/27/2012				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Wisconsin Alumni Research Foundation</td> </tr> <tr> <td>Street Address:</td> <td>614 Walnut Street</td> </tr> <tr> <td>City:</td> <td>Madison</td> </tr> <tr> <td>State/Country:</td> <td>WISCONSIN</td> </tr> <tr> <td>Postal Code:</td> <td>53726</td> </tr> </table>		Name:	Wisconsin Alumni Research Foundation	Street Address:	614 Walnut Street	City:	Madison	State/Country:	WISCONSIN	Postal Code:	53726
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 6082631064  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 608-263-7677        Email: akruse@warf.org        Correspondent Name: Amy Kruse        Address Line 1: 614 Walnut Street        Address Line 2: 13th Floor        Address Line 4: Madison, WISCONSIN 53726</p>											
ATTORNEY DOCKET NUMBER:	P120306US01										
NAME OF SUBMITTER:	Amy Kruse										
<p>Total Attachments: 3        source=P120306US01 Assignment#page1.tif        source=P120306US01 Assignment#page2.tif        source=P120306US01 Assignment#page3.tif</p>											

CH \$40.00 13692212

ASSIGNMENT  
(Joint Inventors)

I am one of the persons identified as an inventor and who has contributed to a new and useful invention (the "Invention") described in the provisional or utility United States patent application and/or the patent application filed under the Patent Cooperation Treaty, as identified below. These patent application(s) are identified as follows:

Filing Type	Filing Country	Serial Number	Filing Date
DRY PHASE REACTOR FOR GENERATING MEDICAL ISOTOPES			
PAT	UNITED STATES	13/692212	December 3, 2012

For good and valuable consideration, the receipt of which I hereby acknowledge, I do hereby sell, assign, and transfer to the Wisconsin Alumni Research Foundation ("WARF"), a non-stock, non-profit, Wisconsin corporation, and to its legal representatives, successors and assigns, my entire right, title and interest in and to the Invention and to all United States provisional and utility applications as well as foreign patents or patent applications any of which cover all or part of the Invention. WARF shall hold such right, title and interest as fully and completely as they would have been held by me had this assignment and sale not been made.

I further agree, upon WARF's request, to execute any documents, including any separate assignments, declarations or other legal documents, that WARF may find necessary or desirable in its exercise of the right, title and interest assigned above. I further agree to communicate to WARF any facts relating either to the Invention or to any of the patent or patent applications based on the Invention that might be useful to WARF and to testify about any such facts in any interferences or litigation, if requested by WARF to do so. I shall do the above acts without additional compensation but at no expense to me.

Should the application number of any of the patent applications referenced above be unavailable the date that I execute this document, WARF is authorized by me to insert the application number and filing dates of these patent applications into this document. WARF is also specifically authorized to record this document as evidence of my assignment to WARF of any subsequent United States patent application claiming priority from any of the above identified patent applications.

Ref: P120306US01  
Wisconsin Alumni Research Foundation

ASSIGNMENT

Wisconsin Alumni Research Foundation

Ref: P120306US01

App.#: , Filed:

Inventor: 

Date: 11/27/2012

Thad Heltemes  
1419 Shenandoah Dr  
Waunakee, WI 53597

State of Wisconsin    )  
                              )ss.  
County of Dane         )

On this 27 day of November, 2012 before me personally appeared Thad Heltemes, known to me to be the person identified above as the "Inventor," who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL

  
Notary Public

My Commission expires: 1/31/2016

ASSIGNMENT

Wisconsin Alumni Research Foundation

Ref: P120306US01

App.#: , Filed:

Inventor: TR Mackie

Date: 11/27/2012

Thomas (Rock) Mackie  
7763 Solstice Court  
Verona, WI 53593-5864 USA

State of Wisconsin    )  
                                  )ss.  
County of Dane        )

On this 27 day of November, 2012 before me personally appeared Thomas (Rock) Mackie, known to me to be the person identified above as the "Inventor," who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL

Jan M Patrel  
Notary Public

My Commission expires: 1/31/2016