

## PATENT ASSIGNMENT COVER SHEET

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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>KEVIN B. GRAVES</td> <td>07/08/2013</td> </tr> <tr> <td>BRYAN S. PETROFSKY</td> <td>07/09/2013</td> </tr> <tr> <td>SUMIT VERMA</td> <td>07/09/2013</td> </tr> </tbody> </table>		Name	Execution Date	KEVIN B. GRAVES	07/08/2013	BRYAN S. PETROFSKY	07/09/2013	SUMIT VERMA	07/09/2013
Name	Execution Date								
KEVIN B. GRAVES	07/08/2013								
BRYAN S. PETROFSKY	07/09/2013								
SUMIT VERMA	07/09/2013								
RECEIVING PARTY DATA									
Name:	MALLINCKRODT LLC								
Street Address:	675 MCDONNELL BOULEVARD								
City:	ST. LOUIS								
State/Country:	MISSOURI								
Postal Code:	63134								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13800248</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13800248				
Property Type	Number								
Application Number:	13800248								
CORRESPONDENCE DATA									
Fax Number:	(314)612-2307								
Phone:	314-621-5070								
Email:	USpatents@armstrongteasdale.com, clager@armstrongteasdale.com								
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>									
Correspondent Name:	PATENT DOCKET DEPARTMENT ARMSTRONG TEASD								
Address Line 1:	7700 FORSYTH BOULEVARD								
Address Line 2:	SUITE 1800								
Address Line 4:	ST. LOUIS, MISSOURI 63105								
ATTORNEY DOCKET NUMBER:	27910-361 (H-MI-00345)								
NAME OF SUBMITTER:	MICHAEL G. MUNSELL								
Signature:	/Michael G. Munsell/								

Date:

10/25/2013

**Total Attachments: 4**

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ASSIGNMENT

WHEREAS, we, **Kevin B. Graves, 120 Rock Church Road, Catawissa, in the state of Missouri, 63015, US, and Bryan S. Petrofsky, 2208 Polo Parc Court, St. Louis, in the state of Missouri, 63146, US, and Sumit Verma, 540 Mustang Valley Court, Chesterfield, in the state of Missouri, 63005, US** have invented the subject matter described in **US patent application serial no. 13/800,248** entitled **“Systems and Methods for Assaying an Eluate for Technetium and Molybdenum Content”** and filed in the **United States Patent and Trademark Office on March 13, 2013** (hereafter, the **“invention”**).

WHEREAS, **Mallinckrodt LLC of Hazelwood, Missouri, a limited liability company of the State of Delaware**, is desirous of acquiring the entire right, title and interest of each of the above-named inventors in and to the invention and any and all patents to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration , I hereby sell, assign and transfer unto **Mallinckrodt LLC**, its successors and assigns, our entire right, title and interest in and to the invention, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application; and in and to any applications filed in any foreign country based thereon, including the right to file the foreign applications under the provisions of the International Convention; also any improvements on the invention now or hereafter made by me during the period of my employment; also the entire right, title and interest in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon the invention and any divisional, continuation, continuation-in-part or substitute applications which may be filed upon the invention or claim priority to the above-referenced patent application for the invention in this or any foreign country; and we hereby authorize and request the issuing authority to issue any and all patents on the application(s) to **Mallinckrodt LLC**, as assignee of our entire interest.

I further agree, without any payment by **Mallinckrodt LLC** other than expenses incurred by the undersigned, to communicate to **Mallinckrodt LLC**, its representatives or agents, any fact relating to the invention, including evidence for interference purposes or for other legal proceedings, whenever requested; testify in any interference or other legal proceedings, whenever requested; and execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective.

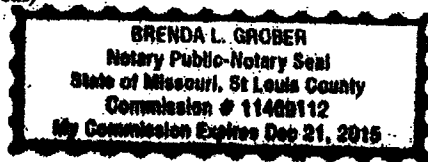
IN TESTIMONY WHEREOF, I have hereunto set my hand and seal on the date set after my signature.

(L.S.) Kevin B. Graves, Dated this 8th day of July, 2013.  
Kevin B. Graves

ACKNOWLEDGEMENT

On this 8<sup>th</sup> day of July, 2013, before me personally appeared Kevin B. Graves to me known to be the person described in and who executed the foregoing instrument, and acknowledge that he executed the foregoing instrument, and acknowledge that he executed the same as his free act and deed. In testimony whereof I have hereunto set my hand and official seal the day and year last above written.

(Seal)



Brenda L. Grober  
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal on the date set after my signature.

(L.S.) \_\_\_\_\_, Dated this \_\_\_\_\_ day of \_\_\_\_\_, 2013.  
Bryan S. Petrofsky

ACKNOWLEDGEMENT

On this \_\_\_\_\_ day of \_\_\_\_\_, 2013, before me personally appeared Bryan S. Petrofsky to me known to be the person described in and who executed the foregoing instrument, and acknowledge that he executed the foregoing instrument, and acknowledge that he executed the same as his free act and deed. In testimony whereof I have hereunto set my hand and official seal the day and year last above written.

(Seal)

\_\_\_\_\_  
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal on the date set after my signature.

(L.S.) \_\_\_\_\_, Dated this \_\_\_\_\_ day of \_\_\_\_\_, 2013.  
Kevin B. Graves

ACKNOWLEDGEMENT

On this \_\_\_\_\_ day of \_\_\_\_\_, 2013, before me personally appeared Kevin B. Graves to me known to be the person described in and who executed the foregoing instrument, and acknowledge that he executed the foregoing instrument, and acknowledge that he executed the same as his free act and deed. In testimony whereof I have hereunto set my hand and official seal the day and year last above written.  
(Seal)

\_\_\_\_\_  
Notary Public

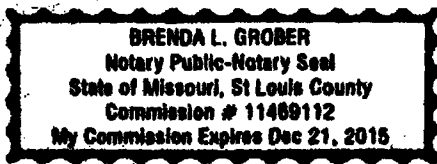
IN TESTIMONY WHEREOF, I have hereunto set my hand and seal on the date set after my signature.

(L.S.) Bryan S. Petrofsky, Dated this 30<sup>th</sup> day of AUGUST, 2013.

ACKNOWLEDGEMENT

On this 30 day of August, 2013, before me personally appeared Bryan S. Petrofsky to me known to be the person described in and who executed the foregoing instrument, and acknowledge that he executed the foregoing instrument, and acknowledge that he executed the same as his free act and deed. In testimony whereof I have hereunto set my hand and official seal the day and year last above written.  
(Seal)

Brenda L Grober  
Notary Public

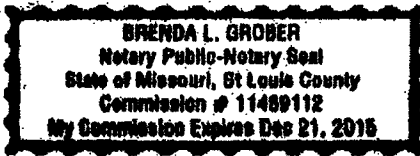



IN TESTIMONY WHEREOF, I have hereunto set my hand and seal on the date set after my signature.

(L.S.)  \_\_\_\_\_, Dated this 07 day of JULY, 2013.  
Sumit Verma

ACKNOWLEDGEMENT

On this 07<sup>th</sup> day of July, 2013, before me personally appeared Sumit Verma to me known to be the person described in and who executed the foregoing instrument, and acknowledge that he executed the foregoing instrument, and acknowledge that he executed the same as his free act and deed. In testimony whereof I have hereunto set my hand and official seal the day and year last above written.  
(Seal)



  
Notary Public