

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

ETAS ID: TM414204

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	Release of Security Interest		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
Deutsche Bank AG New York Branch		01/27/2017	Bank: GERMANY
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	Mallineck Nuclear Medicine LLC		
<b>Street Address:</b>	675 McDonnell Boulevard		
<b>City:</b>	Hazelwood		
<b>State/Country:</b>	MISSOURI		
<b>Postal Code:</b>	63042		
<b>Entity Type:</b>	Limited Liability Company: DELAWARE		
<b>PROPERTY NUMBERS Total: 7</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Registration Number:</b>	1772182	OCTREOSCAN	
<b>Registration Number:</b>	1127175	PYP	
<b>Registration Number:</b>	1589684	TECHNESCAN	
<b>Registration Number:</b>	1599158	TECHNESCAN MAG3	
<b>Registration Number:</b>	0927758	ULTRA-TECHNEKOW	
<b>Registration Number:</b>	1618372	ULTRATAG	
<b>Registration Number:</b>	1529572	ULTRAVENT	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>			
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>			
<b>Email:</b>	michael.barys@thomsonreuters.com		
<b>Correspondent Name:</b>	Neil Snyder		
<b>Address Line 1:</b>	51 West 52nd Street		
<b>Address Line 2:</b>	Wachtell, Lipton, Rosen & Katz		
<b>Address Line 4:</b>	New York, NEW YORK 10019		
<b>NAME OF SUBMITTER:</b>	Neil Snyder		
<b>SIGNATURE:</b>	/Michael Barys/		
<b>DATE SIGNED:</b>	01/31/2017		

OP \$190.00 1772182

**Total Attachments: 5**

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## RELEASE OF SECURITY INTEREST IN TRADEMARK COLLATERAL

This RELEASE, dated as of January 27, 2017, is made by Deutsche Bank AG New York Branch, as Collateral Agent (the "Agent"), in favor of Mallinckrodt Nuclear Medicine LLC (the "Grantor") as follows:

### WITNESSETH

WHEREAS, pursuant to (a) the U.S. Collateral Agreement, dated as of March 19, 2014 (as such agreement may be amended, restated, supplemented or otherwise modified from time to time, the "Collateral Agreement"), (b) the Notice of Grant of Security Interest in Trademarks, dated as of March 19, 2014 (as such agreement may be amended, restated, supplemented or otherwise modified from time to time, the "Trademark Security Agreement"), and (c) the assignment by and among Mallinckrodt LLC and the Grantor, dated as of May 23, 2016 (as such agreement may be amended, restated, supplemented or otherwise modified from time to time, the "Assignment"), the Grantor granted the Agent, for the benefit of the "Secured Parties" (as defined in the Collateral Agreement), a continuing security interest in all of its right, title and interest in, to and under the "IP Collateral" (as defined in the Trademark Security Agreement) including, without limitation, the Trademarks set forth on Schedule A attached hereto (with the portion of the IP Collateral that is currently owned by the Grantor being referred to herein as the "Released IP Collateral");

WHEREAS, (a) the Trademark Security Agreement was recorded with the U.S. Patent and Trademark Office on March 19, 2014 at Reel/Frame No. 5240/0081 and (b) the Assignment was recorded with the U.S. Patent and Trademark Office on July 14, 2016 at Reel/Frame No. 5834/0607; and

WHEREAS, in accordance with the Collateral Agreement, the Grantor has requested that the Agent release its Liens on and security interest in all right, title and interest in, to and under the Released IP Collateral.

NOW, THEREFORE, the Agent, without recourse to it or representation or warranty by it, and at the Grantor's sole cost and expense, hereby, on behalf of itself and the Secured Parties, terminates, cancels and releases its and the Secured Parties' Liens on and security interest in the Released IP Collateral, and any and all right, title and interest of the Agent and the Secured Parties in the Released IP Collateral shall hereby terminate, cease and become void.

The Agent agrees to provide the Grantor with any information and additional authorization and documentation necessary to effect the release of the Agent's security interest in the Released IP Collateral (without recourse to it or representation or warranty by it, and at the Grantor's sole cost and expense and otherwise in accordance with Section 9.18 of the Credit Agreement and Section 5.15 of the Collateral Agreement).


Capitalized terms used herein without definition are used as defined in the Collateral Agreement or Trademark Security Agreement, as applicable.

[Signature Page Follows]

IN WITNESS WHEREOF, the Agent has caused this Release to be duly executed and delivered, on behalf of itself and the Secured Parties, by its duly authorized officer as of the date first written above.

DEUTSCHE BANK AG NEW YORK  
BRANCH, as Collateral Agent

By:   
Name: Dusan Lazarov  
Title: Director

By:   
Name: Peter Cucchiara  
Title: Vice President

*[Signature Page to Release of Security Interest in Trademark Collateral (MNK - January 2017)]*

TRADEMARK  
REEL: 005977 FRAME: 0061

**SCHEDULE A**

**TRADEMARK REGISTRATIONS AND APPLICATIONS**

(See Attached)

# Business Trademark Rights

Trademark	Country	App. No.	Filing Date	Reg. No.	Reg. Date	Status
OCTIREOSCAN	United States of America	74/188581	7/25/1991	1772182	5/18/1993	Registered
PYP	United States of America	73/186044	9/18/1978	1127175	12/4/1979	Registered
TECHNESCAN	United States of America	73/815124	7/27/1989	1589684	4/3/1990	Registered
TECHNESCAN MAG3	United States of America	73/799749	5/12/1989	1599158	6/5/1990	Registered
ULTRA-TECHNEKOW	United States of America	72/361585	6/3/1970	927758	1/25/1972	Registered
ULTRATAG	US	73/811821	7/10/1989	1618372	10/23/1990	Registered
ULTRATAG	US	73/743296	8/1/1988	1529572	3/14/1989	Registered

TRADEMARK

REEL: 005977 FRAME: 0063

RECORDED: 01/31/2017