

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM363959

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
Deutsche Bank AG New York Branch, as Collateral Agent		11/27/2015	Banking Corporation: GERMANY

RECEIVING PARTY DATA

Name:	Liebel-Flarsheim Company LLC
Street Address:	2111 E Galbraith Rd
City:	Cincinnati
State/Country:	OHIO
Postal Code:	45237
Entity Type:	LIMITED LIABILITY COMPANY: DELAWARE

PROPERTY NUMBERS Total: 21

Property Type	Number	Word Mark
Registration Number:	2069300	ANGIOMAT
Registration Number:	2069299	CT 9000
Registration Number:	2237169	ILLUMENA
Registration Number:	2104846	LF
Registration Number:	2069294	LIEBEL-FLARSHEIM
Registration Number:	2877635	OPTISTAR
Registration Number:	1526467	OPTIRAY
Registration Number:	0737390	CONRAY
Registration Number:	1826074	CYSTO-CONRAY
Registration Number:	2772617	FLUIDRAIN LSS
Registration Number:	1230803	MD-76
Registration Number:	1232473	MD-GASTROVIEW
Registration Number:	3194869	OPTIBOLUS
Registration Number:	2106927	OPTIMARK
Registration Number:	3632275	OPTISTAR ELITE
Serial Number:	85940999	OPTISYNC
Registration Number:	3181503	OPTIVANTAGE
Registration Number:	1309873	READY-BOX
Registration Number:	3628343	

TRADEMARK

Property Type	Number	Word Mark
Registration Number:	3969389	TIMING BOLUS
Registration Number:	1511671	ULTRAJECT

CORRESPONDENCE DATA

Fax Number: 2123553333

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.

Phone: 2124597349

Email: sabella@goodwinprocter.com

Correspondent Name: Servillano R. Abella

Address Line 1: c/o Goodwin Procter LLP

Address Line 2: 620 Eighth Avenue

Address Line 4: New York, NEW YORK 10018

ATTORNEY DOCKET NUMBER:	132773.241704
--------------------------------	---------------

NAME OF SUBMITTER:	Servillano R. Abella
---------------------------	----------------------

SIGNATURE:	/s/ Servillano R. Abella
-------------------	--------------------------

DATE SIGNED:	11/30/2015
---------------------	------------

Total Attachments: 4

source=Trademark Release#page1.tif

source=Trademark Release#page2.tif

source=Trademark Release#page3.tif

source=Trademark Release#page4.tif

RELEASE OF SECURITY INTEREST IN TRADEMARK COLLATERAL

This RELEASE, dated as of November 27, 2015, is made by Deutsche Bank AG New York Branch, as Collateral Agent (the "Agent"), in favor of Liebel-Flarsheim Company LLC, a Delaware limited liability company, Mallinckrodt LLC, a Delaware limited liability company, and Mallinckrodt Brand Pharmaceuticals, Inc., a Delaware corporation, (collectively, the "Grantors") as follows:

WITNESSETH

WHEREAS, pursuant to 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") and 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"), the Grantors granted the Agent a 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;

WHEREAS, 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

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

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

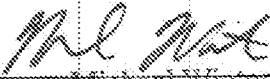
The Agent agrees to provide Grantors with any information and additional authorization and documentation necessary to effect the release of the Agent's security interest in the IP Collateral (without recourse to it or representation or warranty by it, and at Grantors' sole cost and expense and otherwise 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 by its duly authorized officer as of the date first written above.

DEUTSCHE BANK AG NEW YORK
BRANCH, as Collateral Agent

By: 
Name: Michael Winters
Title: Vice President

By: 
Name: Peter Cucchiara
Title: Vice President

[Signature Page to Release of Security Interest in Trademark Collateral]

TRADEMARK
REEL: 005678 FRAME: 0326

SCHEDULE A

TRADEMARK REGISTRATIONS AND APPLICATIONS

(See Attached

Owner	Trademark	Country	App. Number	Filing Date	Reg. Number	Reg. Date	Trademark Status
IEBEL-FLARSHHEIM COMPANY LLC	ANGIOMAT	US	75/098041	5/2/1996	2069300	6/10/1997	Registered
IEBEL-FLARSHHEIM COMPANY LLC	CT 9000	US	75/098025	5/2/1996	2069299	6/10/1997	Registered
IEBEL-FLARSHHEIM COMPANY LLC	ILLUMENA	US	75/157235	8/28/1996	2237169	4/6/1999	Registered
IEBEL-FLARSHHEIM COMPANY LLC	LF	US	75/097513	5/2/1996	2104846	10/14/1997	Registered
IEBEL-FLARSHHEIM COMPANY LLC	IEBEL-FLARSHHEIM	US	75/097512	5/2/1996	2069294	6/10/1997	Registered
IEBEL-FLARSHHEIM COMPANY LLC	OPTISTAR	US	78/295322	9/3/2003	2877635	8/24/2004	Registered
IEBEL-FLARSHHEIM COMPANY LLC	OPTIRAY	US	73/710159	2/8/1988	1526467	2/28/1989	Registered
IEBEL-FLARSHHEIM COMPANY LLC	CONRAY	US	72/128071	9/18/1961	737390	9/11/1962	Registered
IEBEL-FLARSHHEIM COMPANY LLC	CYSTO-CONRAY	US	74/397764	6/4/1993	1826074	3/15/1994	Registered
IEBEL-FLARSHHEIM COMPANY LLC	FLUIDRAIN LSS	US	78/091506	11/2/2001	2772617	10/7/2003	Registered
IEBEL-FLARSHHEIM COMPANY LLC	MD-76	US	73/343011	12/22/1981	1230803	3/15/1983	Registered
IEBEL-FLARSHHEIM COMPANY LLC	MD-GASTROVIEW	US	73/343919	12/30/1981	1232473	3/29/1983	Registered
IEBEL-FLARSHHEIM COMPANY LLC	OPTIBOLUS	US	78/333769	11/26/2003	3194869	1/2/2007	Registered
IEBEL-FLARSHHEIM COMPANY LLC	OPTIMARK	US	75/168967	9/19/1996	2106927	10/21/1997	Registered
IEBEL-FLARSHHEIM COMPANY LLC	OPTISTAR ELITE	US	77/302540	10/12/2007	3632275	6/2/2009	Registered
IEBEL-FLARSHHEIM COMPANY LLC	OPTISVNC	US	85/940999	5/23/2013			Pending
IEBEL-FLARSHHEIM COMPANY LLC	OPTIVANTAGE	US	78/307096	9/30/2003	3181503	12/5/2006	Registered
IEBEL-FLARSHHEIM COMPANY LLC	READY-BOX	US	73/418866	3/25/1983	1309873	12/18/1984	Registered
IEBEL-FLARSHHEIM COMPANY LLC	RFID (fish logo)	US	77/434003	3/28/2008	3628343	5/26/2009	Registered
IEBEL-FLARSHHEIM COMPANY LLC	TIMING BOLUS	US	85/088408	7/20/2010	3969389	5/31/2011	Registered
IEBEL-FLARSHHEIM COMPANY LLC	ULTRALECT	US	73/710163	2/8/1988	1511671	11/8/1988	Registered

TRADEMARK

REEL: 005678 FRAME: 0328

RECORDED: 11/30/2015