

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM327652

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT OF THE ENTIRE INTEREST AND THE GOODWILL		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
Mallinckrodt LLC		06/30/2014	LIMITED LIABILITY COMPANY: DELAWARE
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	Liebel-Flarsheim Company LLC		
<b>Street Address:</b>	675 McDonnell Blvd		
<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: 17</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Serial Number:</b>	72128071	CONRAY	
<b>Serial Number:</b>	74397764	CYSTO-CONRAY	
<b>Serial Number:</b>	78091506	FLUIDRAIN LSS	
<b>Serial Number:</b>	74360476	GASTROMARK	
<b>Serial Number:</b>	78111481	IVD	
<b>Serial Number:</b>	73343011	MD-76	
<b>Serial Number:</b>	73343919	MD-GASTROVIEW	
<b>Serial Number:</b>	78333769	OPTIBOLUS	
<b>Serial Number:</b>	75168967	OPTIMARK	
<b>Serial Number:</b>	86213038	OPTIONE	
<b>Serial Number:</b>	77302540	OPTISTAR ELITE	
<b>Serial Number:</b>	85940999	OPTISYNC	
<b>Serial Number:</b>	78307096	OPTIVANTAGE	
<b>Serial Number:</b>	73418866	READY-BOX	
<b>Serial Number:</b>	77434003		
<b>Serial Number:</b>	85088408	TIMING BOLUS	
<b>Serial Number:</b>	73710163	ULTRAJECT	
<b>CORRESPONDENCE DATA</b>			
<b>TRADEMARK</b>			

**Fax Number:** 7037392815

**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.**

**Email:** iprecordals@cpaglobal.com, vsood@cpaglobal.com

**Correspondent Name:** CPA Global Limited

**Address Line 1:** Liberation House

**Address Line 2:** Castle Street

**Address Line 4:** St Helier, JERSEY JE1 1BL

<b>NAME OF SUBMITTER:</b>	Helen Birrell
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<b>SIGNATURE:</b>	/H/BIRRELL/IPR/VS/MALLINCKRODT/AG17TM/
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<b>DATE SIGNED:</b>	12/31/2014
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**Total Attachments: 13**

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**Deed of Assignment**

**THIS ASSIGNMENT** made this 30th day of June two thousand and fourteen

BETWEEN **Mallinckrodt LLC**, whose registered office address is **675 McDonnell Blvd., Hazelwood, MO 63042, USA** (hereinafter referred to as "the Assignor") of the first part, and

**Liebel-Flarsheim Company LLC** whose registered office address is **675 McDonnell Blvd., Hazelwood, MO 63042, USA** (hereinafter referred to as "the Assignee") of the second part.

**WHEREAS** the Assignor is the Proprietor of the Trademark Registration Number/s as are set out in the schedule attached hereto including short particulars whereof (hereinafter referred to as "the said Trademark/s").

**AND WHEREAS** the Assignor is desirous of assigning unto the Assignee the said Trademark including the goodwill associated with the trademark in respect of which the said Trademark is to be registered.

**NOW THIS DEED WITNESSETH** as follows:

**IN CONSIDERATION** of the premises and the sum of One U.S. Dollar (US\$1.00), and other good and valuable consideration, the Assignor hereby assigns unto the Assignee all the property rights title and interest in the said Trademark together with the goodwill associated with the trademark in respect of which the said Trademark is to be registered TO HOLD unto the Assignee absolutely.

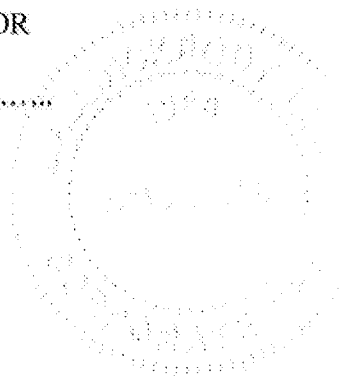
**SCHEDULE HEREINBEFORE REFERRED TO:**

[Please see the attached schedule of Marks]

**IN WITNESS** whereof the Assignor and the Assignee have hereunto caused their Common Seals to be affixed the day and year first before written.

The common seal of the said ASSIGNOR

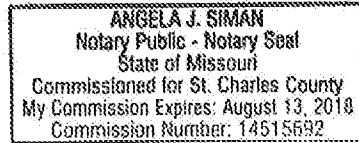
*Joseph A. Wuestner*  
Name: **Joseph A. Wuestner**  
Title: **Vice President**



STATE OF MISSOURI     )  
  )  
COUNTY OF ST. LOUIS     )

On this 21<sup>st</sup> day of November, 2014, before me, Angela J. Siman, the undersigned notary public, personally appeared Joseph A. Wuestner, known to me to be the person who signed the foregoing instrument as Vice President of Mallinckrodt LLC and he acknowledged that he executed the same for the purposes therein contained.

SEAL:



*Angela J. Siman*  
Notary Public

The common seal of the said ASSIGNEE

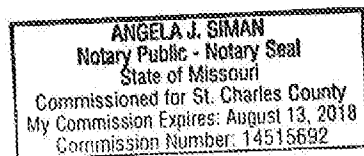
*Robert T. Budenholzer*  
Name: **Robert T. Budenholzer**  
Title: **Vice President**



STATE OF MISSOURI     )  
  )  
COUNTY OF ST. LOUIS     )

On this 21<sup>st</sup> day of November, 2014, before me, Angela J. Siman, the undersigned notary public, personally appeared Robert T. Budenholzer, known to me to be the person who signed the foregoing instrument as Vice President of Liebel-Flarsheim Company LLC and he acknowledged that he executed the same for the purposes therein contained.

SEAL:



*Angela J. Siman*  
Notary Public

Schedule of Marks

Country	Application Number	IP Registration Number	IP Name
Argentina	941940	2019134	CONRAY
Argentina	1908357	2161292	OPTIMARK
Argentina	1646295	2051932	OPTIRAY
Australia	A171881	171881	CONRAY
Australia	677137	677137	GASTROMARK
Australia	484382	484382	OPTIRAY
Austria	AM202/94	152127	OPTIMARK
Austria	AM 1300 88	121357	OPTIRAY
Azerbaijan	2273-IIPT	970732	CONRAY
Belarus		2519	CONRAY
Belarus		2677	OPTIRAY
Belarus		2676	ULTRAJECT
Benelux	864173	587173	OPTIJECT
Benelux	713368	442393	OPTIRAY
Benelux	732452	465386	ULTRAJECT
Bolivia		58237C	CONRAY
Bolivia		74076-C	OPTIMARK
Bolivia		58361C	OPTIRAY
Bolivia		58238C	ULTRAJECT
Brazil	1232/0358424	3584240	CONRAY

Country	Application Number	IP Registration Number	IP Name
Brazil	817687602	817687602	OPTIMARK
Brazil	814195288	814195288	OPTIRAY
Bulgaria	4082	4082	CONRAY
Bulgaria	10827	18364	OPTIRAY
Canada	267209	128049	CONRAY
Canada	507829	288501	MD-76
Canada	745375	TMA574325	OPTIMARK
Canada	603262	355152	OPTIRAY
Chile		701147	CONRAY
Chile	323388	778781	GASTROMARK
Chile		729702	MD-76
Chile		734691	MD-GASTROVIEW
Chile	264279	714784	OPTIMARK
Chile	109591	854568	OPTIRAY
China (People's Republic)	92/52920	659120	CONRAY
China (People's Republic)	94009370	780271	OPTIMARK
China (People's Republic)	2000032938	1596497	OPTIMARK in Chinese
China (People's Republic)	92/52873	659122	OPTIRAY
China (People's Republic)	9900081919	1515784	OPTIRAY (IN CHINESE)
Colombia		51889	CONRAY
Colombia	106972	106972	CYSTO-CONRAY

Country	Application Number	IP Registration Number	IP Name
Colombia	243665	121097	MD-76
Colombia	2000048946	241950	MD-76R
Colombia	393762	197033	MD-GASTROVIEW
Colombia	5.268	192135	OPTIMARK
Colombia	284076	139278	OPTIRAY
Colombia	312039	169708	ULTRAJECT
Costa Rica		39373/41033	CONRAY
Costa Rica	46597	46597/22095	CYSTO-CONRAY
Costa Rica		72760	MD-GASTROVIEW
Costa Rica	NOT LISTED	70369/24996	OPTIRAY
Costa Rica		72534	ULTRAJECT
Croatia	381-04/92	Z921137	OPTIRAY
Czech Republic		167569	OPTIRAY
Denmark	02905/96	3633/1997	OPTIJECT
Denmark	VA 1994 00563	VR 1994 02887	OPTIMARK
Denmark	2132 88	1989/07843	OPTIRAY
Dominican Republic	71030	71030	OPTIMARK
Dominican Republic	2009-24526	178345	OPTIRAY
Ecuador	40158	2585-94	CONRAY
Ecuador	40160	2587-94	MD-GASTROVIEW
Ecuador	45079	779	OPTIMARK

Country	Application Number	IP Registration Number	IP Name
Ecuador	12084	62089	OPTIRAY
Ecuador	40161	2588/94	ULTRAJECT
Egypt	72109	72109	OPTIRAY
El Salvador		116/74	CONRAY
El Salvador	1402/94	70/48	OPTIMARK
El Salvador	531/88	47/135	OPTIRAY
European Community	12673695	12673695	OPTIONE
European Community	9102922	9102922	OPTISTAR
European Community	3017449	3017449	OPTISTAT
European Community	9102931	9102931	OPTIVANTAGE
European Community	8278541	8278541	TIMING BOLUS
Finland	355/94	135278	OPTIMARK
Finland	1398 88	107626	OPTIRAY
France	96608623	96608623	OPTIJECT
France	94504449	94504449	OPTIMARK
France	916982	1457925	OPTIRAY
France	682187	1251813	READY-BOX
France	147800	1544624	ULTRAJECT
Georgia	011860/03	7968	OPTIRAY
Georgia	11589/03	7967	ULTRAJECT
Germany	855491	855491	CONRAY



Country	Application Number	IP Registration Number	IP Name
Germany	M 62676 5WZ	1146027	OPTIRAY
Germany	M65535/10WZ	1190583	ULTRAJECT
Greece	129356	129356	OPTIJECT
Greece	88565	88565	OPTIRAY
Guatemala		86472	CONRAY
Guatemala	7875	41268	CYSTO-CONRAY
Guatemala	2123	62182	MD-76
Guatemala	NOT LISTED	058907/275/129	MD-GASTROVIEW
Guatemala	NONE	61775	OPTIRAY
Honduras	7935/93	94837	CYSTO-CONRAY
Honduras		49795	OPTIRAY
Hong Kong	94/00795	1351/1996	OPTIMARK
Hong Kong	2727/88	3778/1989	OPTIRAY
Hungary	905 88	127403	OPTIRAY
India	489479	489479	OPTIRAY
Indonesia	NONE	IDM000202231	OPTIRAY
Ireland	1236 88	126549	OPTIRAY
Israel	22924	22924	CONRAY
Israel	68897	68897	OPTIRAY
Israel	73315	73315	ULTRAJECT
Italy	MI94C000471	692217	OPTIMARK

Country	Application Number	IP Registration Number	IP Name
Italy	34194C 88	833828	OPTIRAY
Jamaica	1130183	30731	OPTIMARK
Jamaica	54307	22839	OPTIRAY
Japan	116573/1995	4053019	GASTROMARK & KATAKANA
Japan	94127/1995	4120615	MD-GASTROVIEW AND KATAKANA
Japan	5618/1994	3270268	OPTIMARK
Japan	16233/1994	4091153	OPTIMARK In Katakana
Japan	29838 88	2293193	OPTIRAY (ENGLISH AND KATAKANA)
Japan	61-3707	1888202	READY-BOX
Japan	58-087798	1888203	READY-BOX IN KATAKANA
Japan	89363/89	2362011	ULTRAJECT
Kazakhstan	3623	3718	CONRAY
Kazakhstan	3624	2102	OPTIRAY
Kazakhstan	3625	2103	ULTRAJECT
Korea, Republic of	20107	20107	CONRAY
Korea, Republic of	3022/1994	334530	OPTIMARK
Korea, Republic of	7640 1988	179844	OPTIRAY
Latvia	M 93/3325	M17714	CONRAY
Latvia	M 93/3151	M18607	OPTIRAY
Latvia	M93/3150	M18606	ULTRAJECT
Lithuania	RL 3558	7452	CONRAY

Country	Application Number	IP Registration Number	IP Name
Lithuania	RL 3534	7434	OPTIRAY
Lithuania	RL 3533	7387	ULTRAJECT
Macedonia	16/1031	3116	OPTIRAY
Malaysia	94/00906	94000906	OPTIMARK
Mexico	108588	108588	CONRAY
Mexico	191461	458499	OPTIMARK
Mexico	41782	351136	OPTIRAY
Mexico	77067	375654	ULTRAJECT
New Zealand	178899	178899	OPTIRAY
New Zealand	198866	198866	ULTRAJECT
Nicaragua		23057	CONRAY
Nicaragua	572RPI	572RPI	CYSTO-CONRAY
Nicaragua	2012-000769	2013097002	MD-GASTROVIEW
Norway	94.0333	175378	OPTIMARK
Norway	1350 88	137496	OPTIRAY
Panama	67483	67483	CYSTO-CONRAY
Panama	76720	76720	OPTIMARK
Panama	47302	47302	OPTIRAY
Paraguay	2127	325900	CONRAY
Paraguay	41258	341115	MD-76R
Paraguay	41259	341116	MD-GASTROVIEW

Country	Application Number	IP Registration Number	IP Name
Paraguay	3665	325901	OPTIRAY
Peru	42706	28377	CONRAY
Peru	42761	28131	CYSTO-CONRAY
Peru	235254	7130	OPTIMARK
Peru	222091	2787	ULTRAJECT
Poland	Z-194754	134764	OPTIRAY
Portugal	297724	297724	OPTIMARK
Romania	32457	24179	OPTIRAY
Russian Federation	65089	48275	CONRAY
Russian Federation	2014700085		ILLUMENA
Russian Federation	2013701501		OPTIMARK
Russian Federation	2014700082		OPTIONE
Russian Federation	108729	84209	OPTIRAY
Russian Federation	2014700084		OPTISTAR
Russian Federation	2014700081		OPTISTAT
Russian Federation	2014700083		OPTIVANTAGE
Singapore	806/94	T94/00806D	OPTIMARK
Singapore	1634/88	T88/01634D	OPTIRAY
Slovenia	304-67/92	9080568	OPTIRAY
South Africa	0762/ 63	63/0762	CONRAY
South Africa	2537 88	2537/88	OPTIRAY

Country	Application Number	IP Registration Number	IP Name
Spain	1516773	1516773	ULTRAJECT
Sweden	96-04542	322532	OPTIJECT
Sweden	C-94-00437	300564	OPTIMARK
Switzerland	853/96	442567	OPTIJECT
Switzerland	2047	361810	OPTIRAY
Switzerland	5856	375726	ULTRAJECT
Taiwan	20810	20810	CONRAY
Taiwan	77 22321	425867	OPTIRAY
Thailand	359054	KOR73038	OPTIRAY
Turkey	97/19390	192780	OPTIJECT
Turkey	V802 88	104952	OPTIRAY
Turkmenistan	1(1596)	2734	CONRAY
Turkmenistan	1(1597)	2735	OPTIRAY
Turkmenistan	1(1598)	2736	ULTRAJECT
Ukraine		5925	CONRAY
Ukraine	m 2008 19907	121181	OPTIRAY
United Kingdom	1559257	1559257	OPTIMARK
United Kingdom	1339659	1339659	OPTIRAY
United States	72/128071	737390	CONRAY
United States	74/397764	1826074	CYSTO-CONRAY
United States	78/091506	2772617	FLUIDRAIN LSS

Country	Application Number	IP Registration Number	IP Name
United States	74/360476	1863037	GASTROMARK
United States	78/111481	2896296	IVD
United States	73/343011	1230803	MD-76
United States	73/343919	1232473	MD-GASTROVIEW
United States	78/333769	3194869	OPTIBOLUS
United States	75/168967	2106927	OPTIMARK
United States	86/213038		OPTIONE
United States	73/710159	1526467	OPTIRAY
United States	77/302540	3632275	OPTISTAR ELITE
United States	85/940999		OPTISYNC
United States	78/307096	3181503	OPTIVANTAGE
United States	73/418866	1309873	READY-BOX
United States	77/434003	3628343	RFID (fish logo)
United States	85/088408	3969389	TIMING BOLUS
United States	73/710163	1511671	ULTRAJECT
Uruguay	120850	369535	CONRAY
Uruguay	267840	376016	OPTIMARK
Uzbekistan	3846	2285	CONRAY
Venezuela	80475F	80475F	CONRAY
Venezuela	2068/94	P183377	OPTIMARK
Venezuela	8105/88	F-148014	OPTIRAY

Country	Application Number	IP Registration Number	IP Name
Vietnam	4-2007-05806	102478	OPTIMARK
Vietnam	4-2007-05805	102477	OPTIRAY