

TRADEMARK ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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|------------------------------|---|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | Release of Trademark Security Agreement |

CONVEYING PARTY DATA

| Name | Formerly | Execution Date | Entity Type |
|--------------------|----------|----------------|-------------------------------------|
| ABLECO FINANCE LLC | | 05/10/2010 | LIMITED LIABILITY COMPANY: DELAWARE |

RECEIVING PARTY DATA

| | |
|------------------------|--------------------------------|
| Name: | Lantheus Medical Imaging, Inc. |
| Street Address: | 331 Treble Cove Road |
| City: | North Billerica |
| State/Country: | MASSACHUSETTS |
| Postal Code: | 01862 |
| Entity Type: | INC. ASSOCIATION: DELAWARE |

PROPERTY NUMBERS Total: 23

| Property Type | Number | Word Mark |
|----------------------|----------|-----------------------|
| Registration Number: | 3769439 | ABLAVAR |
| Registration Number: | 3129463 | SPOTLIGHT ON CONTRAST |
| Registration Number: | 3127726 | INTELLIPIN |
| Registration Number: | 3276023 | INNOVATORS AT HEART |
| Registration Number: | 2628446 | VIALMIX |
| Registration Number: | 2478324 | DEFINITY |
| Registration Number: | 2276361 | MIRALUMA |
| Registration Number: | 1812837 | TECHNELITE |
| Registration Number: | 1812836 | TECHNELITE |
| Registration Number: | 1496535 | NEUROLITE |
| Registration Number: | 1484982 | CARDIOLITE |
| Serial Number: | 77013614 | ACERVANZ |
| Serial Number: | 77013633 | BEZREZ |
| Serial Number: | 77015342 | BRILVIZ |

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|----------------|----------|-------------------|
| Serial Number: | 77015343 | FYDRESO |
| Serial Number: | 77015344 | ONVUSAV |
| Serial Number: | 77015345 | VIZLUMIC |
| Serial Number: | 77015346 | VIZLUMIV |
| Serial Number: | 77149135 | UDS RADIOPHARMACY |
| Serial Number: | 78432072 | ENVASCEND |
| Serial Number: | 78432119 | RECEPAA |
| Serial Number: | 78464007 | SPANTRIA |
| Serial Number: | 78464010 | ABLAVAR |

CORRESPONDENCE DATA

Fax Number: (212)310-8007
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 2123108000
Email: rebecca.keep@weil.com, suzanne.inglis@weil.com
Correspondent Name: Rebecca Keep
Address Line 1: Weil, Gotshal & Manges LLP
Address Line 2: 767 Fifth Avenue
Address Line 4: New York, NEW YORK 10153

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|-------------------------|-------------------|
| ATTORNEY DOCKET NUMBER: | 57802.0009.R.KEEP |
| NAME OF SUBMITTER: | Rebecca Keep |
| Signature: | /Rebecca Keep/ |
| Date: | 05/13/2010 |

Total Attachments: 4
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RELEASE OF TRADEMARK SECURITY AGREEMENT

THIS RELEASE OF TRADEMARK SECURITY AGREEMENT (this “Release”) is made as of May 10, 2010 (the “Effective Date”) by Ableco Finance LLC, as collateral agent (in such capacity, the “Agent”), for the benefit of Lantheus MI Intermediate, Inc. (f/k/a ACP Lantern Acquisition, Inc.), a Delaware corporation (the “Parent”), and Lantheus Medical Imaging, Inc. (f/k/a Bristol-Myers Squibb Medical Imaging, Inc.) (“Borrower” and together with the Parent, the “Grantors”).

WHEREAS, pursuant to the terms and conditions of that certain Pledge and Security Agreement, dated as of January 8, 2008, between the Grantors and the Agent (the “Collateral Agreement”), and the trademark security agreements between the Grantors and Ableco Finance LLC identified below (the “Trademark Security Agreements”), the Grantors pledged, assigned and granted to the Agent a continuing security interest in all of their right, title and interest in and to certain collateral including, without limitation, the trademark registrations and applications set forth on Schedule 1 hereto, along with the goodwill associated therewith (collectively, the “Trademarks”);

WHEREAS, the Agent has agreed to release its interest in and to the Trademarks and discharge the Collateral Agreement and the following Trademark Security Agreements:

(i) The Grant of a Security Interest that was recorded with the Trademark Division of the U.S. Patent & Trademark Office on January 17, 2008 at Reel 3698 and Frame 0493;

(ii) The Grant of a Security Interest that was recorded with the Trademark Division of the U.S. Patent & Trademark Office on March 6, 2008 at Reel 3733 and Frame 0415;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Agent hereby terminates the Trademark Security Agreements, and hereby terminates, releases, relinquishes, discharges, cancels, re-pledges, re-signs and releases any and all security interests it has against the Trademarks, in each case, without recourse and without any representation or warranty of any kind, express or implied.

If and to the extent the Agent has acquired any right, title or interest to any of the Trademarks, it hereby assigns and transfers such rights, title or interest to their respective Grantors, in each case, without recourse and without any representation or warranty of any kind, express or implied.


The Agent shall take all further actions, and provide to the Grantors and their successors, assigns or other legal representatives, all such cooperation and assistance (including, without limitation, the execution and delivery of any and all documents or other instruments), reasonably requested by the Grantors to more fully and effectively effectuate the purposes of this Release, in each case, without recourse and without any representation or warranty of any kind, express or implied, and at the sole cost and expense of the Grantors.

This Release shall be governed by and construed and enforced in accordance with the laws of the State of New York without giving effect to New York choice of law doctrine.

IN WITNESS WHEREOF, the Agent has caused this Release to be executed by its duly authorized representative as of the Effective Date:

ABLECO FINANCE LLC,
as Collateral Agent,

By:


Name: DANIEL WOLF
Title: President

[Signature Page to Trademark Release Agreement]

TRADEMARK
REEL: 004206 FRAME: 0127

SCHEDULE 1

Trademark Registrations:

| OWNER | REGISTRATION NUMBER | TRADEMARK |
|---|------------------------|-----------------------|
| Lantheus Medical Imaging, Inc. | 3769439 08/15/2006 | Ablavar |
| Lantheus Medical Imaging, Inc. (f/k/a) Bristol-Myers Squibb Medical Imaging, Inc. | 3129463 08/15/2006 | Spotlight on Contrast |
| Lantheus Medical Imaging, Inc. (f/k/a) Bristol-Myers Squibb Medical Imaging, Inc. | 3127726 08/08/2006 | Intellipin |
| Lantheus Medical Imaging, Inc. (f/k/a) Bristol-Myers Squibb Medical Imaging, Inc. | 3276023 08/07/2007 | Innovators at Heart |
| Lantheus Medical Imaging, Inc. | 2628446 10/01/2002 | Vialmix |
| Lantheus Medical Imaging, Inc. | 2478324 08/14/2001 | Definity |
| Lantheus Medical Imaging, Inc. | 2276361 09/07/1999 | Miraluma |
| Lantheus Medical Imaging, Inc. | 1812837 12/21/1993 | Technelite |
| Lantheus Medical Imaging, Inc. | 1812836 12/21/1993 | Technelite |
| Lantheus Medical Imaging, Inc. | 1496535 07/19/1988 | Neurolite |
| Lantheus Medical Imaging, Inc. | 1484982 04/19/1988 | Cardiolite |

Abandoned

| OWNER | APPLICATION NUMBER | TRADEMARK |
|---|-----------------------|-----------|
| Lantheus Medical Imaging, Inc. (f/k/a) Bristol-Myers Squibb Medical Imaging, Inc. | 77013614 Abandoned | Acervanz |
| Lantheus Medical Imaging, Inc. (f/k/a) Bristol-Myers Squibb Medical Imaging, Inc. | 77013633 Abandoned | Bezrez |
| Lantheus Medical Imaging, Inc. (f/k/a) Bristol-Myers Squibb Medical Imaging, Inc. | 77015342 Abandoned | Brilviz |

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|--|-----------------------|-------------------|
| Lantheus Medical Imaging, Inc. (f/k/a) Bristol-Myers Squibb Medical Imaging, Inc. | 77015343 Abandoned | Fydreso |
| Lantheus Medical Imaging, Inc. (f/k/a) Bristol-Myers Squibb Medical Imaging, Inc. | 77015344 Abandoned | Onvusav |
| Lantheus Medical Imaging, Inc. (f/k/a) Bristol-Myers Squibb Medical Imaging, Inc. | 77015345 Abandoned | Vizlumic |
| Lantheus Medical Imaging, Inc. (f/k/a) Bristol-Myers Squibb Medical Imaging, Inc. | 77015346 Abandoned | Vizlumiv |
| Lantheus Medical Imaging, Inc. | 77149135 Abandoned | UDS Radiopharmacy |
| Lantheus Medical Imaging, Inc. (f/k/a) Bristol-Myers Squibb Medical Imaging, Inc. | 78432072 Abandoned | Envascend |
| Lantheus Medical Imaging, Inc. (f/k/a) Bristol-Myers Squibb Medical Imaging, Inc. | 78432119 Abandoned | Recepaa |
| Lantheus Medical Imaging, Inc. (f/k/a) Bristol-Myers Squibb Medical Imaging, Inc. | 78464007 Abandoned | Spantria |
| Lantheus Medical Imaging, Inc. (f/k/a) Bristol-Myers Squibb Medical Imaging, Inc. | 78464010 Abandoned | Ablavar |