

TRADEMARK ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
LANTHEUS MEDICAL IMAGING, INC.		05/10/2010	CORPORATION: DELAWARE
RECEIVING PARTY DATA			
Name:	HARRIS N.A., as Collateral Agent		
Street Address:	115 South LaSalle Street		
Internal Address:	18th Floor West		
City:	Chicago		
State/Country:	ILLINOIS		
Postal Code:	60603		
Entity Type:	National Banking Association: UNITED STATES		
PROPERTY NUMBERS Total: 12			
Property Type	Number	Word Mark	
Registration Number:	3769439	ABLAVAR	
Registration Number:	1484982	CARDIOLITE	
Registration Number:	2478324	DEFINITY	
Registration Number:	3276023	INNOVATORS AT HEART	
Registration Number:	3127726	INTELLIPIN	
Registration Number:	3699730	LANTHEUS MEDICAL IMAGING	
Registration Number:	2276361	MIRALUMA	
Registration Number:	1496535	NEUROLITE	
Registration Number:	3129463	SPOTLIGHT ON CONTRAST	
Registration Number:	1812837	TECHNELITE	
Registration Number:	1812836	TECHNELITE	
Registration Number:	2628446	VIALMIX	

OP \$315.00 3769439

CORRESPONDENCE DATA

Fax Number: (312)863-7806
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 312-863-7198
Email: nancy.brougher@goldbergkohn.com
Correspondent Name: Nancy Brougher
Address Line 1: Goldberg Kohn Ltd.
Address Line 2: 55 East Monroe Street, Suite 3300
Address Line 4: Chicago, ILLINOIS 60603

ATTORNEY DOCKET NUMBER:	3630.086
NAME OF SUBMITTER:	Nancy Brougher
Signature:	/njb/
Date:	05/13/2010
Total Attachments: 4 source=Trademark Security Interest#page1.tif source=Trademark Security Interest#page2.tif source=Trademark Security Interest#page3.tif source=Trademark Security Interest#page4.tif	

GRANT OF A SECURITY INTEREST –TRADEMARKS

WHEREAS, LANTHEUS MEDICAL IMAGING, INC. (the "Grantor") owns the trademarks and service marks listed on the attached Schedule A, which trademarks and service marks are registered or applied for in the United States Patent and Trademark Office (the "Trademarks");

WHEREAS, the Grantor has entered into a Pledge and Security Agreement, dated May 10, 2010 (as amended, restated, supplemented, modified or otherwise changed from time to time, the "Security Agreement"), in favor of Harris N.A., as the Collateral Agent for itself and certain lenders (in such capacity, together with its successors and assigns, if any, the "Grantee"); and

WHEREAS, pursuant to the Security Agreement, the Grantor has granted to the Grantee, and granted to the Grantee for the benefit of the Secured Parties and the L/C Issuer (each such term as defined in the Security Agreement), a continuing security interest in all right, title and interest of the Grantor in, to and under the Trademarks, together with, among other things, the goodwill of the business symbolized by the Trademarks and the applications and registrations thereof, and all proceeds thereof, including, without limitation, any and all causes of action which may exist by reason of infringement thereof and any and all damages arising from past, present and future violations thereof (the "Collateral"), to secure the payment, performance and observance of the Secured Obligations (as defined in the Security Agreement).

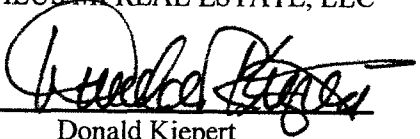
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Grantor does hereby grant to the Grantee and grant to the Grantee for the benefit of the Secured Parties and the L/C Issuer, a continuing security interest in the Collateral to secure the prompt payment, performance and observance of the Secured Obligations.

The Grantor does hereby further acknowledge and affirm that the rights and remedies of the Grantee with respect to the Collateral are more fully set forth in the Security Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein.

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IN WITNESS WHEREOF, the Grantors have caused this Assignment to be duly executed by their officers thereunto duly authorized as of May 10, 2010.

LANTHEUS MI INTERMEDIATE, INC.
LANTHEUS MEDICAL IMAGING, INC.
LANTHEUS MI REAL ESTATE, LLC

By: 
Name: Donald Kiepert
Title: President and Chief Executive Officer
of each Grantor

SCHEDULE A TO GRANT OF A SECURITY INTEREST – TRADEMARKS

U.S. Trademark Registrations

See Attached.

U.S. Trademark Applications

See Attached.

