504544819 09/13/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4591527

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RICHARD R. CESATI	05/17/2011
EDWARD H. CHEESMAN	05/17/2011
JOEL LAZEWATSKY	05/17/2011
HEIKE S. RADEKE	05/17/2011
JAMES F. CASTNER	05/17/2011
ENRICO MONGEAU	05/17/2011
DIANNE D. ZDANKIEWICZ	05/23/2011
ROBERT WILBURN SIEGIER	05/18/2011
MARYBETH DEVINE	05/24/2011

RECEIVING PARTY DATA

Name:	LANTHEUS MEDICAL IMAGING, INC.
Street Address:	331 TREBLE COVE ROAD
City:	NORTH BILLERICA
State/Country:	MASSACHUSETTS
Postal Code:	01862

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15433387

CORRESPONDENCE DATA

Fax Number:(617)646-8646Correspondence 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:	617-6	646-8000
Email:	paten	ts_andreag@wolfgreenfield.com
Correspondent Name:	AND	REA J. GABERT
Address Line 1:	WOL	F, GREENFIELD & SACKS, P.C.
Address Line 2:	600 A	TLANTIC AVENUE
Address Line 4:	BOST	FON, MASSACHUSETTS 02210
ATTORNEY DOCKET NUMB	ER:	N0469.70110US04
NAME OF SUBMITTER:		KAREN AREYZAGA

504544819

SIGNATURE:	/Karen Areyzaga/
DATE SIGNED:	09/13/2017
Total Attachments: 11	
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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

Sell, assign and transfer to Lantheus Medical Imaging, Inc., a Delaware corporation, 1. having a place of business at 331 Treble Cove Road, North Billerica, Massachusetts 01862, its successors, assigns, and legal representatives, all hereinafter referred to as the Assignee, my entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the international PCT application filed on February 8, 2011 under Serial No. PCT/US2011/024109, bearing Attorney Docket No. N0469.70110W000, and entitled METHODS AND APPARATUS FOR SYNTHESIZING IMAGING AGENTS, AND INTERMEDIATES THEREOF, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent, utility models, industrial designs, or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan, and Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan, and Korea, as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent;

2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model, and industrial design applications on any and all the inventions, by executing all rightful oaths, assignments, powers of attorney, and other papers, by communicating to the Assignee all facts known to me relating to the inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and for vesting title to the inventions and all applications for patents and all patents on the inventions, in the Assignee;

3. Request the Director of the United States Patent and Trademark Office and non-US patent authorities to issue the Letters Patent to the Assignee;

4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification provided above, whether discovered prior to or after recordation;

5. Covenant with the Assignee that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and

6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

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This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Attorney Docket No. N0469.70110WO00 2296948.1

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14 May 2011 Date

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Edite	• •

Inventor: Richard R. Cesati Address: 63 Nashua Road Pepperell, Massachusetts 01463 UNITED STATES OF AMERICA

Citizenship: US

STATE/COMMONWEALTH OF <u>MASSACHUSETTS</u> COUNTY OF <u>MIDDLESEX</u>:

On this 174 day of 114 day

/Notary Public

mission expires:

a la	MARY S. ATKINSON
132 0	Modern P. Lu
	Commonwealth of Massachusetts
	Ay Commission Expires

April 13, 2012

Attorney Docket No. N0469.70110WO00 2296948.1

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lay 2011

Edward H. Cheesman

Inventor: Edward H. Cheesman Address: 55 Turkey Hill Road Lunenburg, Massachusetts 01462 UNITED STATES OF AMERICA

Citizenship: US

STATE/COMMONWEALTH OF <u>MASSACHUS</u> COUNTY OF <u>MIDDLESEX</u>

On this <u>1746</u> day of <u>MAV</u>, <u>2011</u>, before me, the undersigned notary public, personally appeared <u>Edward H. Cheesman</u>, proved to me through satisfactory evidence of identification, which were <u>DRIMPS</u> <u>LICEISE</u>

to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

Motary Public

Ommission expires:

MARY S. ATKINSON Notary Public Commonwealth of Massachusetts My Commission Expires April 13, 2012

2012

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20 Date

Inventør: Joél Lazewatsk

Address: 32 Woodland Road Auburndale, MA 02166 UNITED STATES OF AMERICA

Citizenship: US

STATE/COMMONWEALTH OF MASSACE COUNTY OF MIDDLESSEX

On this <u>1744</u> day of <u>MA4</u>, <u>2011</u>, before me, the undersigned notary public, personally appeared <u>Joel Lazewatsky</u>, proved to me through satisfactory evidence of identification, which were <u>DR114R8</u> <u>ACENSE</u>

to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

mmission expires:

MARY

MARY'S. ATKINSON Notary Public Commonwealth of Massachusetts My Commission Expires April 13, 2012

Attorney Docket No. N0469.70110WO00 2296948.1

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Inventor: Heike S.

Mac Date 2011

Address: 15 Seaver Farm Lane South Grafton, Massachusetts 01560 UNITED STATES OF AMERICA Citlzenship: Germany

STATE/COMMONWEALTH OF MASSACHUSETTS

On this 174h day of 197A, 2011, before me, the undersigned notary public, personally appeared Heike S. Radeke, proved to me through satisfactory evidence of identification, which were DR_{1110RR} L_{10RR}

to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge might belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

commission expires:

4/13/2012

MARY S. ATKINSON Notary Public Commonwealth of Massachusetts My Commission Expires. April 13, 2012

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Inventor: Jámes F. Castner Address: 101 Castle Drive Groton, Massachusetts 01450 UNITED STATES OF AMERICA

Citizenship: US

STATE/COMMONWEALTH OF MASSACHUSETTS COUNTY OF MIDDLESEX:

On this <u>1744</u> day of <u>MAY</u>, <u>2011</u>, before me, the undersigned notary public, personally appeared <u>James F. Castner</u>, proved to me through satisfactory evidence of identification, which were <u>DRIUER LICENSE</u> to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge

and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

mmission expires:

MARY S. ATKINSON Notary Public Commonwealth of Massachusetts My Commission Expires April 13, 2012

Attorney Docket No. N0469.70110WO00 2296948.1

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Var	monoeau
Fundas Manue	

Inventor: Enrico Mongeau Address: 5 Carroll Street Nashua, NH 03063 UNITED STATES OF AMERICA

Citizenship: US

STATE/COMMONWEALTH OF MASSACHUSENTS COUNTY OF MIDDLESEX____:

On this <u>1744</u> day of <u>MAU</u>, <u>2011</u>, before me, the undersigned notary public, personally appeared <u>Enrico Mongeau</u>, proved to me through satisfactory evidence of identification, which were <u>DRIMPS LICENSE</u>

to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

Notary Public

mmission expires:

4/13/2012

MARY S. ATKINSON Motary Public Commo + Jalli J Alassichusetts My Commission Expires April 13, 2012

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Inventor: Dianne D. Zdankiewicz

Address: 7 Thornton Road Londonderry, NH 03053 UNITED STATES OF AMERICA

Citizenship: US

SSACHUSETT STATE/COMMONWEALTH OF M COUNTY OF MIDDLE

day of MAY 23RD , <u>21/1</u>, before me, the undersigned notary public, On this Dianne D. Zdankiewicz , proved to me through satisfactory evidence of personally appeared LICENSE identification, which were DRIVERS

to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge d belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

nission expires:

MARY S. ATKINSON Notary Public Commonwealth of Massachusetts My Commission Expires April 13, 2012

Attorney Docket No. N0469.70110WO00 2296948.1

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18 May 2011 Date

Robert

Inventor: Robert Wilburn Slegler Address: 52 Moore Street Chelmsford, MA 01824 UNITED STATES OF AMERICA

Citizenship: US

STATE/COMMONWEALTH OF <u>MASSACHUSETTS</u> COUNTY OF <u>MIDDLESEX</u>:

On this <u>18+4</u> day of <u>MAY</u>, <u>J0/1</u>, before me, the undersigned notary public, personally appeared <u>Robert Wilburn Siegler</u>, proved to me through satisfactory evidence of identification, which were <u>DELUER</u> <u>LICENSE</u>

to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

Notary Public

13/2012

Commission expires:

MARY S ATKINSON Not Adublic Commons Massachusetts My Commons sion Expires April 13, 2012

Attorney Docket No. N0469.70110WO00 2296948.1

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Date

Inventor: Marybeth Devine

Address: 16 Sunset Hill Greenville, OH 43023-1162 UNITED STATES OF AMERICA

Citizenship: US

STATE/COMMONWEALTH OF <u>MASSACHUSETTS</u> COUNTY OF <u>MIDDLESEX</u>:

On this <u>244</u> day of <u>MAY</u>, <u>2011</u>, before me, the undersigned notary public, personally appeared <u>Marybeth Devine</u>, proved to me through satisfactory evidence of identification, which were <u>DRIVERS LICENSE</u>

to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

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Commission expires:

MARY S. ATKINSON Notary Public Commonwealth of Massachusetts My Commission Expires April 13, 2012

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RECORDED: 09/13/2017