

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5951579

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RICHARD R. CESATI	05/15/2015
HEIKE S. RADEKE	05/19/2015
SURESH K. PANDEY	04/30/2015
AJAY PUROHIT	04/07/2015
SIMON P. ROBINSON	05/06/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	LANTHEUS MEDICAL IMAGING, INC.
<b>Street Address:</b>	331 TREBLE COVE ROAD
<b>City:</b>	NORTH BILLERICA
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	01862
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16663425
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)646-8646
<i>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.</i>	
<b>Phone:</b>	617-646-8000
<b>Email:</b>	danielle.mccarthy@wolfgreenfield.com
<b>Correspondent Name:</b>	DAVID F. CAUBLE
<b>Address Line 1:</b>	WOLF, GREENFIELD & SACKS, P.C.
<b>Address Line 2:</b>	600 ATLANTIC AVENUE
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02210
<b>ATTORNEY DOCKET NUMBER:</b>	N0469.70122US05
<b>NAME OF SUBMITTER:</b>	DAVID F. CAUBLE
<b>SIGNATURE:</b>	/David F. Cauble/
<b>DATE SIGNED:</b>	02/07/2020
<b>Total Attachments: 13</b>	

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## ASSIGNMENT

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

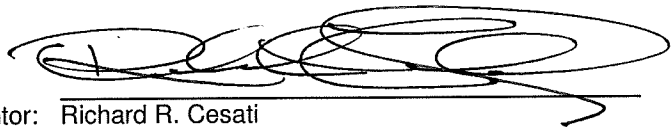
Sell, assign and transfer to Lantheus Medical Imaging, Inc., a Delaware Corporation having a place of business at 331 Treble Cove Road, North Billerica, Massachusetts 01862, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on February 10, 2015 under No. 14/420,810, bearing Attorney Docket No. N0469.70122US02, and entitled COMPOSITIONS, METHODS, AND SYSTEMS FOR THE SYNTHESIS AND USE OF IMAGING AGENTS, and the international patent application filed on August 9, 2013 under No. PCT/US2013/054268, bearing Attorney Docket No. N0469.70122WO00, and entitled COMPOSITIONS, METHODS, AND SYSTEMS FOR THE SYNTHESIS AND USE OF IMAGING AGENTS, 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;

1. 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;
2. Request the Director of the United States Patent and Trademark Office to issue the Letters Patent to the Assignee;
3. 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 information provided above, whether discovered prior to or after recordation;
4. 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
5. 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.

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

15 MAY 2015  
Date

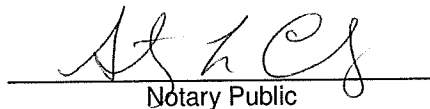


Inventor: Richard R. Cesati  
Address: 63 Nashua Road  
Pepperell, Massachusetts 01463  
Citizenship: US

STATE/Commonwealth of Massachusetts  
COUNTY OF Essex :

On this 15<sup>th</sup> day of MAY, 2015, before me, the undersigned notary public,  
personally appeared Richard R. Cesati, proved to me through satisfactory evidence of  
identification, which were personally known,  
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.

SEAL

  
Notary Public

My commission expires: June 2, 2017

## 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 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 application for United States Letters Patent filed in the United States Patent and Trademark Office on February 10, 2015 under No. 14/420,810, bearing Attorney Docket No. N0469.70122US02, and entitled COMPOSITIONS, METHODS, AND SYSTEMS FOR THE SYNTHESIS AND USE OF IMAGING AGENTS, and the international patent application filed on August 9, 2013 under No. PCT/US2013/054268, bearing Attorney Docket No. N0469.70122WO00, and entitled COMPOSITIONS, METHODS, AND SYSTEMS FOR THE SYNTHESIS AND USE OF IMAGING AGENTS, 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;

1. 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;
2. Request the Director of the United States Patent and Trademark Office to issue the Letters Patent to the Assignee;
3. 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 information provided above, whether discovered prior to or after recordation;
4. 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
5. 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.

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

May 19, 2015  
Date

Heike S. Radeke  
Inventor: Heike S. Radeke

Address: 15 Seaver Farm Lane  
South Grafton, Massachusetts 01560

Citizenship: Germany

STATE/Commonwealth of Massachusetts  
COUNTY OF Suffolk:

On this 19th day of May, 2015, before me, the undersigned notary public,  
personally appeared Heike S. Radeke, proved to me through satisfactory evidence of  
identification, which were personally known,  
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.

SEAL

Lynn E. Marcus  
Notary Public

My commission expires: June 16, 2017





## 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 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 application for United States Letters Patent filed in the United States Patent and Trademark Office on February 10, 2015 under No. 14/420,810, bearing Attorney Docket No. N0469.70122US02, and entitled COMPOSITIONS, METHODS, AND SYSTEMS FOR THE SYNTHESIS AND USE OF IMAGING AGENTS, and the international patent application filed on August 9, 2013 under No. PCT/US2013/054268, bearing Attorney Docket No. N0469.70122WO00, and entitled COMPOSITIONS, METHODS, AND SYSTEMS FOR THE SYNTHESIS AND USE OF IMAGING AGENTS, 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;

1. 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;

2. Request the Director of the United States Patent and Trademark Office to issue the Letters Patent to the Assignee;

3. 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 information provided above, whether discovered prior to or after recordation;

4. 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

5. 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.

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

Date April 30, 2015

Inventor: Suresh K. Pandey  
Address: 708 Wellman Avenue 18 Suezburg Ct  
North Chelmsford, Massachusetts 01863 East Brunswick, NJ 08816  
Citizenship: India

STATE/Commonwealth of NJ  
County of Middlesex:

On this 30<sup>th</sup> day of April, 2015, before me, the undersigned notary public, personally appeared Suresh K. Pandey, proved to me through satisfactory evidence of identification, which were NJDL P-40072772-07731, 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.

SEAL

[Signature]  
Notary Public

My commission expires:

Sept 12 2016

**TOMASZ WOLECKI**  
Notary Public - New Jersey  
My Commission Expires September 12, 2016

## 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 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 application for United States Letters Patent filed in the United States Patent and Trademark Office on February 10, 2015 under No. 14/420,810, bearing Attorney Docket No. N0469.70122US02, and entitled COMPOSITIONS, METHODS, AND SYSTEMS FOR THE SYNTHESIS AND USE OF IMAGING AGENTS, and the international patent application filed on August 9, 2013 under No. PCT/US2013/054268, bearing Attorney Docket No. N0469.70122WO00, and entitled COMPOSITIONS, METHODS, AND SYSTEMS FOR THE SYNTHESIS AND USE OF IMAGING AGENTS, 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;

1. 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;
2. Request the Director of the United States Patent and Trademark Office to issue the Letters Patent to the Assignee;
3. 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 information provided above, whether discovered prior to or after recordation;
4. 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
5. 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.

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

April 7, 2015  
Date

[Signature]  
Inventor: Ajay Purohit  
Address: 33 Country Village Lane  
Sudbury, Massachusetts 01776-1638  
Citizenship: India

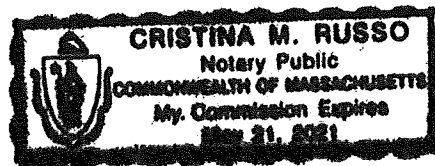
STATE/Commonwealth of \_\_\_\_\_  
COUNTY OF \_\_\_\_\_ :

On this 7th day of April, 2015, before me, the undersigned notary public,  
personally appeared Ajay Purohit, proved to me through satisfactory evidence of  
identification, which were Massachusetts Driver's license,  
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.

SEAL

Cristina M. Russo  
Notary Public

My commission expires: May 21, 2021



5/6/15  
Date

Simon P. Robinson  
Inventor: Simon P. Robinson  
Address: 22 Kettell Plain Road  
Stow, Massachusetts 01775  
Citizenship: United Kingdom

STATE/Commonwealth of Massachusetts  
COUNTY OF Middlesex:

On this 6th day of May, 2015, before me, the undersigned notary public,  
personally appeared Simon P. Robinson, proved to me through satisfactory evidence of  
identification, which were LMI Company Badge,  
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.

SEAL

Lynne M. D'Elia  
Notary Public

My commission expires: Jan. 22, 2021

