503575410 11/18/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3622037

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARY J.C. HENDRIX	10/19/2015
ELISABETH A. SEFTOR	10/19/2015
RICHARD E.B. SEFTOR	10/19/2015
LUIGI STRIZZI	10/19/2015
ZHILA KHALKHALI-ELLIS	10/19/2015

RECEIVING PARTY DATA

Name:	ANN AND ROBERT H. LURIE CHILDREN'S HOSPITAL OF CHICAGO
Street Address:	225 E. CHICAGO AVENUE
Internal Address:	NO. 205
City:	CHICAGO
State/Country:	ILLINOIS
Postal Code:	60611-2605

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14877617

CORRESPONDENCE DATA

Fax Number: (608)662-1276

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Correspondent Name: DAVID W. STAPLE; CASIMIR JONES, S.C.

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NAME OF SUBMITTER: DAVID W. STAPLE SIGNATURE: /David W. Staple/	ATTORNEY DOCKET NUMBER:	NWEST-34012/US-2/ORD
'	NAME OF SUBMITTER:	DAVID W. STAPLE
DATE CICNED: 11/10/0015	SIGNATURE:	/David W. Staple/
11/10/2015	DATE SIGNED:	11/18/2015

Total Attachments: 7

PATENT REEL: 037075 FRAME: 0001 source=LU2014-076-02 US 14877617 ASSIGNMENT EXECUTED BY ALL LURIE INVENTORS#page1.tif source=LU2014-076-02 US 14877617 ASSIGNMENT EXECUTED BY ALL LURIE INVENTORS#page2.tif source=LU2014-076-02 US 14877617 ASSIGNMENT EXECUTED BY ALL LURIE INVENTORS#page3.tif source=LU2014-076-02 US 14877617 ASSIGNMENT EXECUTED BY ALL LURIE INVENTORS#page4.tif source=LU2014-076-02 US 14877617 ASSIGNMENT EXECUTED BY ALL LURIE INVENTORS#page5.tif source=LU2014-076-02 US 14877617 ASSIGNMENT EXECUTED BY ALL LURIE INVENTORS#page6.tif source=LU2014-076-02 US 14877617 ASSIGNMENT EXECUTED BY ALL LURIE INVENTORS#page7.tif

PATENT REEL: 037075 FRAME: 0002

ASSIGNMENT

Serial No: 14/877,617 Filing Date: October 7, 2015

Inventors: Mary J.C. Hendrix; Elisabeth A. Softor; Richard E. B. Seftor; Luigi Strizzi; Zhila

Khalkhali-Ellis

Title of U.S. Patent Application: Novel Anti-Nodal Antibodies and Methods of Using the Same

For good and valuable consideration, the receipt and sufficiency of which are hereby agreed, each of the undersigned hereby assigns to ANN AND ROBERT H. LURIE CHILDREN'S HOSPITAL OF CHICAGO, an Illinois not for profit corporation, having a place of business at 225 E. Chicago Avenue, No. 205, Chicago, Illinois 60611-2605 and its successors and assigns ("Assignee") the entire right, title and interest in and to the inventions of such undersigned disclosed in the application listed above, and in any and all other applications anywhere in the world which the undersigned may file and/or be named as an inventor of, solely or jointly, on said inventions, in any and all patents which may be obtained on any of said applications and in any and all reissues, reexaminations, supplemental examinations, inter partes reviews, oppositions, post-grant reviews, supplementary protection certificates and/or extensions thereof, including without limitation, the right to bring suit and to claim and retain all damages and/or seek other remedies for the past, present and future infringement of any of the foregoing, the right of priority, including without limitation to claim priority benefit of or to said patent applications, and request the Commissioner for Patents in the United States and similar authorities outside the United States to issue said patents to and in the name of the Assignee.

Each of the undersigned states that the application listed above is or was made or authorized to be made by him or her. Each of the undersigned believes himself or herself to be the original inventor or a joint inventor with another undersigned of a claimed invention in the application listed above. Each of the undersigned acknowledges that any willful false statement made by him or her in this paragraph is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five years, or both.

Except in favor of Assignee, each of the undersigned warrants that: (i) he or she is the owner of all its rights, titles and interests herein assigned and has the right to make this unconditional and irrevocable assignment to Assignee without obtaining any approval or permission of a third party; and (ii) there are no outstanding encumbrances, liens, prior assignments, licenses, or other obligations or restrictions on the rights, titles and interests herein assigned.

Page 1 of 7

PATENT REEL: 037075 FRAME: 0003

Upon the request of Assignee and at no expense to the undersigned, each of the undersigned hereby agrees to execute any and all applications on said inventions, including without limitation for the reissue. reexamination, supplementary protection certificate or extension thereof and any oath, declaration or affidavit relating thereto that said Assignee may deem necessary or expedient, and to cooperate to the best of the ability of the undersigned with and perform any and all affirmative acts requested by Assignee to prepare, file, prosecute, maintain, defend, enforce and vest in Assignee the rights, titles and interests assigned herein, including without limitation, preparing and executing statements and giving and producing evidence in support thereof, whereby said rights, titles and interests will be held and enjoyed by said Assignee to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

<u>Undersigned (ASSIGNORS):</u>

May.	9. C. Wardson	10/19/19
Inventor Nam	: Mary J.C. Hendrix	DATE

day of <u>Qcfober</u>, <u>2015</u> before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the uses and purposes therein expressed.

OFFICIAL SEAL NOTARY SEEGYFAINEY Notary Public - State of Illinois My Commission Expires Jan 4, 2016

My Commission Expires: 0//04//6

(continued on next page)

Serial No: 14/877,617 Filing Date: October 7, 2015

Inventors: Mary J.C. Hendrix; Elisabeth A. Seftor; Richard E. B. Seftor; Luigi Strizzi; Zhila

Khalkhali-Ellis

Title of U.S. Patent Application: Novel Anti-Nodal Antibodies and Methods of Using the Same

Undersigned (ASSIGNORS) continued:	er any	m/al.
a 2. Chall	hal-Shic	14/14/15
Inventor Name: Zhila Khalkhali-Ellis	DATE	
State of <u> </u>		
Ss. County of <u>Cook</u>		
On this 19th day of 15 few and State aforesaid, appeared, to me personally the foregoing instrument, and acknowledged the voluntary act and for the uses and purposes the	y known to be the same person whose name hat he or she executed said instrument as his	is subscribed to
OFFICIAL SEAL PEGGY RAINEY DE OTA Rito(Sto) Attablic - State of Illinois My Commission Expires Jan 4, 2016	NOTARY PUBLIC My Commission Expires: 01/04//	6

Serial No: 14/877,617 Filing Date: October 7, 2015

Inventors: Mary J.C. Hendrix; Elisabeth A. Seftor; Richard E. B. Seftor; Luigi Strizzi; Zhila

Khalkhali-Ellis

Title of U.S. Patent Application: Novel Anti-Nodal Antibodies and Methods of Using the Same

Official Seal PEGGY Rainey NOTA Public - State of Illinois NOTA Commission Expires Jan 4, 2018

Serial No: 14/877,617 Filing Date: October 7, 2015

Inventors: Mary J.C. Hendrix; Elisabeth A. Seftor; Richard E. B. Seftor; Luigi Strizzi; Zhila

Khalkhali-Ellis

Title of U.S. Patent Application: Novel Anti-Nodal Antibodies and Methods of Using the Same

Undersigned (ASSIGNORS) continued:

Inventor Name: Elisabeth A. Selftor

State of <u>I///20/</u>S

County of Cook

the foregoing instrument, and acknowledged that he or she executed said instrument as his or her free and

voluntary act and for the uses and purposes therein expressed.

OFFICIAL SEAL [NOTABRY REGGY RAINEY REGISTRATE OF IIIInois

My Commission Expires Jan 4, 2016

My Commission Expires:

Page 3 of 7

Serial No: 14/877,617 Filing Date: October 7, 2015

Inventors: Mary J.C. Hendrix; Elisabeth A. Seftor; Richard E. R. Seftor; Luigi Strizzi; Zhila

Khalkhali-Ellis

Title of U.S. Patent Application: Novel Anti-Nodal Antibodies and Methods of Using the Same

Undersigned (ASSIGNORS) continued:

Inventor Name: Luigi Strizzi DATE

SS.

County of Cook

On this 19th day of Choles Sels, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the uses and purposes therein expressed.

OFFICIAL SEAL
[NOTARY ISBOY MAINEY
Notary Public - State of Illinois
My Commission Expires Jan 4, 2016

My Commission Expires:

01/04/1/2

Serial No: 14/877,617 Filing Date: October 7, 2015

Inventors: Mary J.C. Hendrix; Elisabeth A. Seftor; Richard E. B. Seftor; Luigi Strizzi; Zhila

Khalkhali-Ellis

Title of U.S. Patent Application: Novel Anti-Nodal Antibodies and Methods of Using the Same

ASSIGNEE ACCEPTANCE:

On behalf of ANN AND ROBERT H. LURIE CHILDREN'S HOSPITAL OF CHICAGO, Assignee, the authorized signatory below, hereby confirms Assignee's acceptance of all rights, privileges, titles and interests conveyed by this Assignment.

Authorized Signature: 1 4 19 19 2015

RECORDED: 11/18/2015

Printed Name: Philip V. Spina, Sr. Vice President and Chief Operating Officer