503166754 02/05/2015

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3213369

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HERBERT Y. LIN	05/20/2010
JODIE BABITT	05/20/2010
CLIFFORD J. WOOLF	05/24/2010
TAREK A. SAMAD	03/27/2010

RECEIVING PARTY DATA

Name:	THE GENERAL HOSPITAL CORPORATION
Street Address:	55 FRUIT STREET
City:	BOSTON
State/Country:	MASSACHUSETTS
Postal Code:	02114

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14518225

CORRESPONDENCE DATA

Fax Number: (857)300-4001

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.

Phone: 8573004012

Email: rhopkins@lathropgage.com LATHROP & GAGE LLP **Correspondent Name:**

Address Line 1: 28 STATE STREET SUITE 700 Address Line 2: SEAN M. COUGHLIN, ESQ.

Address Line 4: BOSTON, MASSACHUSETTS 02109

ATTORNEY DOCKET NUMBER:	562530: FPC-005US-CON
NAME OF SUBMITTER:	SEAN M. COUGHLIN, ESQ.
SIGNATURE:	/Sean M. Coughlin/
DATE SIGNED:	02/05/2015

Total Attachments: 5

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PATENT REEL: 034894 FRAME: 0778 503166754

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PATENT REEL: 034894 FRAME: 0779

ASSIGNMENT

We, Herbert Y. Lin, Jodie Babitt, Clifford J. Woolf, and Tarek A. Samad the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, confirm that we have sold and assigned, and do hereby assign, sell and transfer to The General Hospital Corporation, having an office at 55 Fruit Street, Boston, Massachusetts 02114, and to its successors, assigns and legal representatives, collectively hereinafter referred to as the ASSIGNEE: (1) our entire right, title and interest for the United States and in all countries, in and to any and all inventions, discoveries and applications which are disclosed in the application for United States Letters Patent entitled:

HEMOJUVELIN FUSION PROTEINS AND USES THEREOF

the specification of which was filed on April 9, 2008 as a PCT Application designating the United States, and was assigned PCT /US2008/059753, and a United States national phase application filed with the U.S. Patent and Trademark Office on October 9, 2009 and assigned Application No. 12/595,423, including any subsequently filed utility applications, which claim priority to Application No. 60/922,459, and including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my/our names as the ASSIGNEE, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

We agree, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

PATENT

REEL: 024647ERAME: 0789

REEL: 034894 FRAME: 0780

First Inventor

: Herbert Y. Lin et al.

Application No. : 12/595,423 Filed

: October 9, 2009

Page 2 of 4

We further agree at any time to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

We hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

We further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Date:	May	20,	2010
	,	,	

Signature of: Herbert Y. Lin

State of Commonwealth OF MASSACHUSETTS

Subscribed and sworn to before me this 20 day of MAY

My commission expires November 05 2010



REEL: 024647ER7AME: 0790 REEL: 034894 FRAME: 0781

Date:		Signature of: Jodie Babitt
State of	Commonwealth	- MASSACHUSETTS
Country of	SUFFOLK	
Subscribed	and sworn to before me this 2	O day of MAV 200
		Mar Barbel.
		Notary Public Robert Tysekowski
		My commission expires November 05 2
		and the same of th
Date:	operate .	
		Signature of: Clifford J. Woolf
State of		·
Country of		
Subscribed	and sworn to before me this	day of
		Notary Public

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First Inventor

Page 3 of 4

Application No. : 12/595,423 Filed : October 9,

: Herbert Y. Lin et al.

: October 9, 2009

REEL: 0246ATERAME: 0791

First Inventor

: Herbert Y. Liz et al

Application No. : 12/595,423
Filed : October 9, : October 9, 2009

Page 3 of 4

Date:	
Dette.	Signature of: Jodie Babitt
State of	·
Country of	engeneral de la companya de la compa
Subscribed and sworn to before me this	day of
	Notary Public
	My commission expires
Date: 572410	Signature of: Clifford J. Woolf
State of Massachusedts Country of Nachusedts	
Subscribed and sworn to before me this	May of May 2010.
Common Co	Malacat M. Bulk
	Management 1 2 - 2 - 2

First Inventor : Herbert Y. Lin et al.

Application No. : 12/595,423 Filed : October 9, 2009

Page 4 of 4

Date: 3/21/10

Signature of: Tarek A. Samad

State of

New Jerse

Country of MERCER

Subscribed and sworn to before me this A H day of

arch 2010

Notary Public

My commission expires

April 16,2013

DORIS M SANTIAGO NOTARY PUBLIC STATE OF NEW JERSEY MY COMMISSION EXPIRES APRIL 16, 2013

-4-

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PATENT

REEL: 0246ATERAME: 0792

REEL: 034894 FRAME: 0784

RECORDED: 02/05/2015