503497778 09/28/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3544403

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Scott A. Hilderbrand	06/29/2015
Neal K. Devaraj	08/19/2015
Ralph Weissleder	06/25/2015
Mark R. Karver	06/30/2015

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:	14437905

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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: (302) 652-5070 Email: apsi@fr.com **Correspondent Name: EIFION PHILLIPS**

FISH & RICHARDSON P.C. Address Line 1:

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	29539-0062US1	
NAME OF SUBMITTER:	CHRISTINE M. GRACE	
SIGNATURE:	/Christine M. Grace/	
DATE SIGNED:	09/28/2015	

Total Attachments: 8

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ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, SCOTT A. HILDERBRAND, NEAL K. DEVARAJ, RALPH

WEISSLEDER, and MARK R. KARVER, each individually assign to THE GENERAL

HOSPITAL CORPORATION, a corporation formed under the laws of Massachusetts and having a principal place of business at 55 Fruit Street, Boston, MA 02114, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names us as inventors, is titled "FUNCTIONALIZED 1,2,4,5-TETRAZINE COMPOUNDS FOR USE IN BIOORTHOGONAL COUPLING REACTIONS", and was filed in the United States Patent and Trademark Office on April 23, 2015, as application 14/437,905 (the "Application").

This Assignment assigns (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and

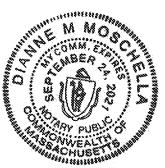
Assignment Page 1 of 6

declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

Scott A. Hilderbrand DATE: 6/29/15

The Commonwealth of Massachusetts

MA / SUFFWIK	ss.
On this <u>29</u> day of public, personally appeared	of Jone 2015, before me, the undersigned notary Scott Hilderbrand, proved to me through
	tification, which were MA License, to be
	is/are signed on the preceding or attached document, and
acknowledged to me that/	signed it voluntarily for its stated purpose.
	Deur M Machella
7-1 1	Notary Public /
	and the state of t



Assignment Page 2 of 6

Ralph Weissleder	DATE: 6/75/6
The Commo	onwealth of Massachusetts
MA Suffelic ss.	
On this <u>39</u> day of <u>June</u> public, personally appeared <u>Ralph</u> satisfactory evidence of identification, where the satisfactory evidence of identification is a satisfactory evidence of identification.	, 2015, before me, the undersigned notary Wess Lever, proved to me through hich were MA Levese, to be
	d on the preceding or attached document, and
acknowledged to me that <u>//</u> sign	Lewi Mallella ary Public
	l
	A CHUSE LAND

Assignment Page 4 of 6

Mark R. Karver DATE: June 30, 2015
The Commonwealth of Massachusetts
SS.
On this 30 TH day of JUNC , 2015 before me, the undersigned notary public, personally appeared MARK R. KARVER , proved to me through satisfactory evidence of identification, which were Driver's LICENSE , to be the person(s) whose name(s) is/are signed on the preceding or attached document, and acknowledged to me that MARK signed it voluntarily for its stated purpose.
Notary Public Notary Public Notary Public Notary Public Notary Public Notary Public

MBH 03918.11 US PCT7

Attorney Docket No.: 29539-0062US1 / MGH 3918

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, SCOTT A. HILDERBRAND, NEAL K. DEVARAJ, RALPH

WEISSLEDER, and MARK R. KARVER, each individually assign to THE GENERAL

HOSPITAL CORPORATION, a corporation formed under the laws of Massachusetts and having a principal place of business at 55 Fruit Street, Boston, MA 02114, and its successors, transferees, and assignces (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names us as inventors, is titled "FUNCTIONALIZED 1,2,4,5-TETRAZINE COMPOUNDS FOR USE IN BIOORTHOGONAL COUPLING REACTIONS", and was filed in the United States Patent and Trademark Office on April 23, 2015, as application 14/437,905 (the "Application").

This Assignment assigns (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignce's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and

Assignment Page 1 of 6

Neal K. Devaraj)	DATE:	8/1	19/15	
	The Cor	nmonwealth of	'Massach	usetts	
	ss.		N. REI		
On this	day of		, 20, be	fore me, the un	ndersigned notary
public, personally appe	eared			, proved to	me through
satisfactory evidence o	f identification	n, which were			, to be
the person(s) whose na	me(s) is/are si	gned on the pre	ceding or	attached docum	ient, and
acknowledged to me th	nat	signed it volum	tarily for i	ts stated purpos	se.
	upri	Please Notary Public Acknow	see i ledgm	Machen end	2 California

CALIFORNIA ALL- PURPOSE CERTIFICATE OF ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

}

State of California

	· •
County of San Viego	- }
On Aug. 19, 2015 before, me,	Myra A Kosak, noteure subjec
1)2/	Here insert name and title of the officery
personally appeared). Sevara
who proved to me on the basis of satis	factory evidence to be the person(s) whose
name(s) is/are subscribed to the within	instrument and acknowledged to me that
he/she/they executed the same in his/k	per/their authorized capacity(ies), and that by
	nent the person(s), or the entity upon behalf of
which the person(s) acted, executed th	e Instrument.
I certify under PENALTY OF PERJUR	Y under the laws of the State of California that
the foregoing paragraph is true and co	rrect.
	MYRA A. KOSAK
WITNESS my hand and official seal.	OMM. # 2008345 OMM. # 2008345
	SAM DIEGO COUNTY MY COMM. EXP. MAR. 22, 2017
Men A Marit	IIII OGNIC ENT. INC.
Notary Public Signature // (N	lotary Public Seal)
Thyra At the	-ax
ADDITIONAL OPTIONAL INFORMAT	INSTRUCTIONS FOR COMPLETING THIS FORM
DESCRIPTION OF THE ATTACHED DOCUMENT	if needed, should be completed and attached to the document. Acknowledgments
	from other states may be completed for documents being sent to that state so long as the wording does not require the California notary to violate California notary
H351gnmen	law,
(Title or description of attached document)	 State and County information must be the State and County where the document signer(s) personally appeared before the notary public for acknowledgment.
(Title or description of attached document continued)	Date of notarization must be the date that the signer(s) personally appeared which
	must also be the same date the acknowledgment is completed. The notary public must print his or her name as it appears within his or her
Number of Pages Document Date	commission followed by a comma and then your title (notary public). • Print the name(s) of document signer(s) who personally appear at the time of
	notarization,
CAPACITY CLAIMED BY THE SIGNER	 Indicate the correct singular or plural forms by crossing off incorrect forms (i.e. he/she/they, is /are) or circling the correct forms. Failure to correctly indicate this
☐ Individual (s)☐ Corporate Officer	information may lead to rejection of document recording.
☐ Corporate Officer	 The notary seal impression must be clear and photographically reproducible. Impression must not cover text or lines. If seal impression smudges, re-seal if a
(Title)	sufficient area permits, otherwise complete a different acknowledgment form. • Signature of the notary public must match the signature on file with the office of
☐ Partner(s) ☐ Attorney-in-Fact	the county clerk.
Trustee(s)	 Additional information is not required but could help to ensure this acknowledgment is not misused or attached to a different document.
Other	 Indicate title or type of attached document, number of pages and date. Indicate the capacity claimed by the signer. If the claimed capacity is a
	corporate officer, indicate the title (i.e. CEO, CFO, Secretary).
2015 Version www.NotaryClasses.com 800-873-9865	 Securely attach this document to the signed document with a staple.

The Assignee hereby acknowledges and accepts the foregoing assignment.
Assignee: THE GENERAL HOSPITAL CORPORATION Signature: Date: Mgust 27, 7015 Brian J. Libby, Ph.D., J.D.
Title: My behalf of The General Huspital Corporation Title: My behalf of The General Huspital Corporation
The Commonwealth of Massachusetts
ss.
On this 27 day of Mgust, 205, before me, the undersigned notary public, personally appeared Bnan Cibby, proved to me through
satisfactory evidence of identification, which were MA Drivers (icense, to be
the person(s) whose name(s) is/are signed on the preceding or attached document, and acknowledged to me that signed it voluntarily for its stated purpose.
Jationa fulas Notary Public
TATIANA DUBOSE Notary Public COMMONWEALTH OF MASSACHUSETTS My Commission Expires July 8, 2022

Assignment Page 6 of 6

PATENT REEL: 036665 FRAME: 0299

RECORDED: 09/28/2015