PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5342426

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Ralph Mazitschek	06/29/2015
Alexandra M. Courtis	07/29/2015
James Adam Hendricks	06/23/2015

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:	16017638

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.

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: (617) 368-2119 **Email:** apsi@fr.com

Correspondent Name: VASILY A. IGNATENKO
Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

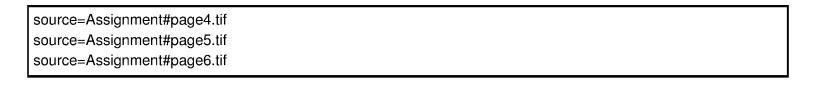
Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	29539-0075002
NAME OF SUBMITTER:	CHRISTINE M. GRACE
SIGNATURE:	/Christine M. Grace/
DATE SIGNED:	01/25/2019

Total Attachments: 6

source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif

PATENT 505295649 REEL: 048132 FRAME: 0445



PATENT REEL: 048132 FRAME: 0446 MGH 21753.64 US PCT 1

Attorney Docket No.: 29539-0075US1

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, RALPH MAZITSCHEK, ALEXANDRA M. COURTIS, and JAMES ADAM HENDRICKS, 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 "BODIPY DYES FOR BIOLOGICAL IMAGING", and was filed in the United States Patent and Trademark Office on March 31, 2015, as application 14/432,567 (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 declarations, statements, testimony, assignments, powers of attorney, applications, and

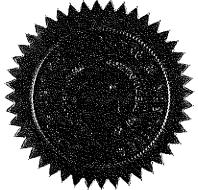
Assignment Page 1 of 5

PATENT REEL: 048132 FRAME: 0447 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.

Ralph Latter	DATE:	06/29/15	
Ralph Mazitschek			

The Commonwealth of Massachusetts

MA/Suffull ss.			
On this 39 day of 10 public, personally appeared 80 satisfactory evidence of identification	<u>ine</u> , 20 <i>15</i> , be 196 Mázitsche n, which were MA	efore me, the undersigned notal , proved to me through	
the person(s) whose name(s) is/are si acknowledged to me that	igned on the preceding or	attached document, and	
	Notary Public M MO	Mochelle	





Assignment Page 2 of 5

Alexandra M. Courtis DATE: 7/29/2015
The Commonwealth of Massachusetts
COUNTY OF ALAMEDA SS.
On this 29 day of
MARY S. BAPI Commission # 1968126 Notary Public - California Alameda County My Comm. Expires Feb 28, 2016
a NAMARIC CERTIFICATE

AND THE REAL PROPERTY OF THE P		
A notary public or other officer completing this certificate document to which this certificate is attached, and not the t	verifies only the identity of the individual who signed the ruthfulness, accuracy, or validity of that document.	
State of California County of	Here Insert Name and Title of the Officer Name(s) of Signer(s)	
State and the state of the stat	Section for the section of the secti	
who proved to me on the basis of satisfactory exsubscribed to the within instrument and acknowled his/her/their authorized capacity(ies), and that by his/lor the entity upon behalf of which the person(s) acte	ged to me that he/she/they executed the same in ner/their signature(s) on the instrument the person(s),	
of	ertify under PENALTY OF PERJURY under the laws the State of California that the foregoing paragraph true and correct.	
WITNESS my hand and official seal.		
MARY S, BAPI Commission # 1968126 Notary Public - California Alameda County My Comm. Expires Feb 28, 2016	gnature Morary Fublic Signature of Notary Fublic	
Place Notary Seal Above		
Though this section is optional, completing this interpretate fraudulent reattachment of this for Description of Attached Document	formation can deter alteration of the document or	
Number of Pages: Signer(s) Other Than	Named Above:	
Capacity(ies) Claimed by Signer(s)		
Signer's Name: ☐ Corporate Officer — Title(s):	Signer's Name:	
U Corporate Officer — Title(s):	☐ Corporate Officer — Title(s):	
☐ Partner — ☐ Limited ☐ General	☐ Partner — ☐ Limited ☐ General	
☐ Individual☐ Attorney in Fact☐ Trustee☐ Guardian or Conservator	☐ Individual ☐ Attorney in Fact ☐ Guardian or Conservator	
Other:	☐ Other:	
Signer Is Representing:	Signer Is Representing:	

©2014 National Notary Association • www.NationalNotary.org • 1-800-US NOTARY (1-800-876-6827) Item #5907

PATENT REEL: 048132 FRAME: 0450

Attorney Docket No.: 29539-0075US1

C. Colu Man	DATE:	123/2015	
James Adam Hendricks			

The Commonwealth of Massachusetts

MiddleSex ss.
On this 23rd day of June, 2015 before me, the undersigned notary
public, personally appeared A Hendlicks, proved to me through
satisfactory evidence of identification, which were briver's Licens, 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.
7 1
Notary Public

SHAWN S. KARIMI
Notary Public
Commonwealth of Massachusetts
My Commission Expires
November 7, 2019

The Assignee hereby acknowledges and accepts the foregoing assignment.
Assignee: THE GENERAL HOSPITAL CORPORATION
Signature:
Name: Sr. Intellectual Property Manager Innovation
Title: On behalf of the General Hospital Corporation
The Commonwealth of Massachusetts
ss.
On this <u>78</u> day of <u>Avgust</u> , 2015, before me, the undersigned notary public, personally appeared <u>Mathew Flindlen</u> , proved to me through
public, personally appeared Mathew Flingles, proved to me through
satisfactory evidence of identification, which were MA Privers Licente, 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.
Satisma Willose Notary Public
Trotting T wone
TATIANA DUBOSE Notary Public COMMONWEALTH OF MASSACHUSETTS My Commission Expires July 8, 2022

Assignment Page 5 of 5

PATENT REEL: 048132 FRAME: 0452

RECORDED: 01/25/2019