504126903 12/07/2016 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4173574

NATURE OF CONVEYANCE: ASSIGNMENT					
	ASSIGNMENT				
CONVEYING PARTY DATA					
Name Executio	on Date				
JONATHAN R. POLIMENI 11/16/201	6				
KAWIN SETSOMPOP 11/15/201	6				
LAWRENCE L. WALD 11/21/201	6				
RECEIVING PARTY DATA					
Name: THE GENERAL HOSPITAL CORPORATION					
Street Address: 55 FRUIT STREET	55 FRUIT STREET				
City: BOSTON					
State/Country: MASSACHUSETTS					
Postal Code: 02114					
Application Number: 14774551					
Property Type Number					
CORRESPONDENCE DATA					
Fax Number:(414)271-3552Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent to the e-mail address first; if that is unsuccessful, it will be sent to the e-mail address first; if that is unsuccessful, it will be sent to the e-mail address first; if that is unsuccessful, it will be sent to the e-mail address first; if that is unsuccessful, it will be sent to the e-mail address first; if that is unsuccessful, it will be sent to the e-mail address first; if that is unsuccessful, it will be sent to the e-mail address first; if that is unsuccessful, it will be sent to the e-mail address first; if that is unsuccessful, it will be sent to the e-mail address first; if that is unsuccessful, it will be sent to the e-mail address first; if that is unsuccessful, it will be sent to the e-mail address first; if that is unsuccessful, it will be sent to the e-mail address first; if that is unsuccessful, it will be sent to the e-mail address first; if that is unsuccessful, it will be sent to the e-mail address first; if that is unsuccessful, it will be sent to the e-mail address first; if that is unsuccessful, it will be sent to the e-mail address first; if that is unsuccessful, it will be sent to the e-mail address first; if the e-mail address first; it will be sent to the e-mail address first; it will be sent to the e-mail address first; it will be sent to the e-mail address first; it will be sent to the e-mail address first; it will be sent to the e-mail address first; it will be sent to the e-mail address first; it will be sent to the e-mail address first; it will be sent to the e-mail address first; it will be sent to the e-mail address first; it will be sent to the e-mail address first; it will be sent to the e-mail address first; it will be sent to the e-mail address first; it will be sent to the e-mail address first; it will be sent to the e-mail address first; it will be sent to the e-mail address first; it will be sent to the e-mai	sent				
Fax Number:(414)271-3552Correspondence will be sent to the e-mail address first; 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.	sent				
Fax Number:(414)271-3552Correspondence will be sent to the e-mail address first; 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.	sent				
Fax Number:(414)271-3552Correspondence will be sent to the e-mail address first; 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:414/277-5000	sent				
Fax Number:(414)271-3552Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.Phone:414/277-5000Email:LYNN.HUST@QUARLES.COMCorrespondent Name:LYNN HUST	sent				
Fax Number:(414)271-3552Correspondence will be sent to the e-mail address first; 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:414/277-5000Email:LYNN.HUST@QUARLES.COMCorrespondent Name:LYNN HUSTAddress Line 1:411 EAST WISCONSIN AVENUE	sent				
Fax Number:(414)271-3552Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.Phone:414/277-5000Email:LYNN.HUST@QUARLES.COMCorrespondent Name:LYNN HUSTAddress Line 1:411 EAST WISCONSIN AVENUE	sent				
Fax Number:(414)271-3552Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.Phone:414/277-5000Email:LYNN.HUST@QUARLES.COMCorrespondent Name:LYNN HUSTAddress Line 1:411 EAST WISCONSIN AVENUEAddress Line 2:QUARLES & BRADY LLP	sent				
Fax Number:(414)271-3552Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.Phone:414/277-5000Email:LYNN.HUST@QUARLES.COMCorrespondent Name:LYNN HUSTAddress Line 1:411 EAST WISCONSIN AVENUEAddress Line 2:QUARLES & BRADY LLPAddress Line 4:MILWAUKEE, WISCONSIN 53202	sent				
Fax Number:(414)271-3552Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.Phone:414/277-5000Email:LYNN.HUST@QUARLES.COMCorrespondent Name:LYNN HUSTAddress Line 1:411 EAST WISCONSIN AVENUEAddress Line 2:QUARLES & BRADY LLPAddress Line 4:MILWAUKEE, WISCONSIN 53202	sent				
Fax Number:(414)271-3552Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.Phone:414/277-5000Email:LYNN.HUST@QUARLES.COMCorrespondent Name:LYNN HUSTAddress Line 1:411 EAST WISCONSIN AVENUEAddress Line 2:QUARLES & BRADY LLPAddress Line 4:MILWAUKEE, WISCONSIN 53202ATTORNEY DOCKET NUMBER:125141.01444VAME OF SUBMITTER:LYNN HUST	sent				

source=Executed_Assignment-ALL_INVENTORS#page1.tif source=Executed_Assignment-ALL_INVENTORS#page2.tif

ASSIGNMENT

WHEREAS, We, Jonathan R. Polimeni of Cambridge, MA, Kawin Setsompop of Charlestown, MA, Lawrence L. Wald of Cambridge, MA have made certain inventions which are described in an application for Letters Patent of the United States entitled METHOD FOR INCREASING SIGNAL-TO-NOISE RATIO IN MAGNETIC RESONANCE IMAGING USING PER-VOXEL NOISE COVARIANCE REGULARIZATION for application Serial No. 14/774,551 filed September 10, 2015, which claims priority to PCT/US2014/024247 filed March 12, 2014, which claims priority to 61/776,991 filed March 12, 2013, and

WHEREAS, **The General Hospital Corporation** (hereinafter referred to as said Company), a Massachusetts corporation, having a place of business at, **55 Fruit Street, Boston, MA 02114** is desirous of acquiring the entire interest in said inventions throughout the United States of America and the territories thereof, for all other countries and under all international agreements,

NOW THEREFORE, for and in consideration of One Dollar (\$1.00) in hand paid, and other good and valuable consideration, receipt whereof is hereby acknowledged, We hereby sell, assign, and transfer unto said Company, its successors and assigns, the entire right, title and interest throughout the United States of America and the territories thereof and for all foreign countries, in and to said inventions, the aforesaid application, all prior, related United States provisional applications, and all other applications hereafter filed in the United States or any other country based in whole or in part on said inventions, and all Letters Patent granted upon said application by the United States or any other country, and We do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Company. We further grant to said Company, its successors and assigns, the right to claim for any of said applications the full benefits and priority rights of any international agreement between the United States and any foreign country or countries.

We hereby warrant that we have the full right to make the conveyance herein, and we hereby covenant that we, our heirs, legal representatives and assigns, will, when requested, communicate to said Company, its representatives, successors and assigns, all facts known respecting said inventions, execute all divisional, continuing, reissue, reexamination and foreign applications together with individual assignments therefore, make all rightful oaths, sign all lawful papers, testify in any legal proceeding and generally do everything possible to aid said Company, its successors and assigns, in the obtaining of Letters Patent.

IN TE	STIMON	Y WHEREOF, W	e have hereun	to set our hands and seal on the	dates indicated below our
signature.	1	1		A	
Date:	16	2016	_		(SEAL)
	ļ			Jonathan R. Polimeni	
STATE OF <u>M</u>	assact	usetts)		
	Suff	31k) SS)		

Before me on this <u>16</u> day of <u>November</u>, 2016, came **Jonathan R. Polimeni**, to me known to be the person named in the foregoing assignment and he acknowledges his execution thereof to be his free act and deed.

(SEAL)

Notary Public, State of Masach

My Commission: <u>July 25 2019</u>

125141.01444 QB\36960810.1

> PATENT REEL: 040586 FRAME: 0970

Date:	11/15/16	



STATE OF Massachusetts)
) SS
COUNTY OF Suffelk)

Before me on this <u>15</u> day of <u>November</u>, 2016, came **Kawin Setsompop**, to me known to e the person named in the foregoing assignment and he acknowledges his execution thereof to be his free act and deed.

(SEAL)

Notary Public, State of Massachu

My Commission: July 25 2019

(SEAL)

Date: Now 21 2017 STATE OF Massachusetts COUNTY OF Suffalk

Lawrence L. Wald

Before me on this 3/ day of 1/0 with the foregoing assignment and he acknowledges his execution thereof to be his free act and deed.

) SS

(SEAL)

Notary Public, State of <u>Masachues</u> My Commission: <u>July</u> <u>25</u> My Commission:

125141.01444 QB\36960810.1

> PATENT REEL: 040586 FRAME: 0971

RECORDED: 12/07/2016