

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6157103

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
QIYUAN TIAN	05/10/2020
SUSIE YI HUANG	06/15/2020
BERKIN BILGIC	05/10/2020
JONATHAN R. POLIMENI	06/13/2020
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<b>Street Address:</b>	55 FRUIT STREET
<b>City:</b>	BOSTON
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02114
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16831061
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	125141.03400
<b>NAME OF SUBMITTER:</b>	CHELSEA L. MCMAHON
<b>SIGNATURE:</b>	/Chelsea L. McMahon/
<b>DATE SIGNED:</b>	06/17/2020
<b>Total Attachments: 5</b>	
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## ASSIGNMENT

WHEREAS, the undersigned have/has made certain inventions which are described in an application for Letters Patent of the United States entitled **SUPER-RESOLUTION ANATOMICAL MAGNETIC RESONANCE IMAGING USING DEEP LEARNING FOR CEREBRAL CORTEX SEGMENTATION** for U.S. Patent Application No. 16/831,061, filed March 26, 2020, which claims priority to U.S. Provisional Patent Application No. 62/824,574, filed on March 27, 2019, and U.S. Provisional Patent Application No. 62/969,610, filed on February 3, 2020, and

WHEREAS, **THE GENERAL HOSPITAL CORPORATION** (hereafter referred to as "said Company"), a non-profit corporation of the COMMONWEALTH OF MASSACHUSETTS having a place of business at **55 FRUIT STREET, BOSTON, MASSACHUSETTS 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), 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, for all foreign countries and under all international agreements in and to said inventions, the aforesaid application, all other applications hereafter filed in the United States, in any other country, or under any international agreement based in whole or in part on said inventions, and all Letters Patents granted upon said applications by the United States, by any other country or under any international agreement, and 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 of between any other countries.

We hereby warrant that I 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 or international applications, together with individual assignments therefor; 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 TESTIMONY WHEREOF, I have hereunto executed this assignment on the date indicated below.

Signature: 

Date: 5/10/2020

Name: **Qiyuan Tian**

Witnessed by

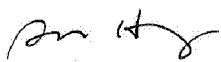
Xiaozhi Cao

Date: 5/10/2020

Name (printed)



Name (signature)


Signature:   
Name: **Susie Yi Huang**

Date: 6/15/2020

Witnessed by

Michael Lu  
Name (printed)

Date: 6/15/2020

  
Name (signature)

Signature: Berkin  
Name: **Berkin Bilgic**

Date: 5/10/20

Witnessed by

Aysegul Mutluay Bilgic

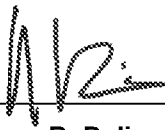
Date: 5/10/20

Name (printed)

Aysegul

Name (signature)

Signature:

  
\_\_\_\_\_

Name:

**Jonathan R. Polimeni**

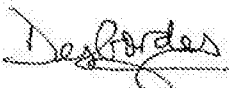
Date: June 13, 2020

Witnessed by

Gaelle Desbordes

Date: June 13, 2020

Name (printed)

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Name (signature)