

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4258332

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Philipp S. Spuhler	10/27/2016
Kyle C. Smith	09/08/2016
Fabio Fachin	10/06/2016
Thomas Alan Barber	09/13/2016
Ravi Kapur	09/07/2016
Mehmet Toner	09/06/2016
Vincent Pai	12/03/2016
NEZIHI MURAT KARABACAK	09/27/2016
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:	15029789
CORRESPONDENCE DATA	
Fax Number:	(877)769-7945
<i>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.</i>	
Phone:	(212) 765-5070
Email:	APSI@fr.com
Correspondent Name:	LINDSIE CAHILL
Address Line 1:	FISH & RICHARDSON P.C.
Address Line 2:	P.O.BOX 1022
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022
ATTORNEY DOCKET NUMBER:	30733-0004US1
NAME OF SUBMITTER:	LINDSIE CAHILL
SIGNATURE:	/LINDSIE CAHILL/

PATENT

DATE SIGNED:	02/03/2017
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Total Attachments: 9
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ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, PHILIPP S. SPUHLER, KYLE C. SMITH, FABIO FACHIN, THOMAS ALAN BARBER, RAVI KAPUR, MEHMET TONER, VINCENT PAI, and NEZIHI MURAT KARABACAK, 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 "MICROFLUIDIC SORTING USING HIGH GRADIENT MAGNETIC FIELDS," and was filed in the United States Patent and Trademark Office on April 15, 2016, as application 15/029,789 (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 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.

P. Spuhler
Philipp S. Spuhler

DATE: 10/27/2016

The Commonwealth of Massachusetts

State of California
County of San Mateo ss.



On this 27th day of Oct., 2016, before me, the undersigned notary public, personally appeared Philipp S. Spuhler, proved to me through satisfactory evidence of identification, which were California Driver License, to be the person(s) whose name(s) is/~~are~~ signed on the preceding or attached document, and acknowledged to me that he signed it voluntarily for its stated purpose.

[Signature]

Notary Public



Kyle C. Smith

Kyle C. Smith

DATE: 8 Sept. 2016

The Commonwealth of Massachusetts

Suffolk

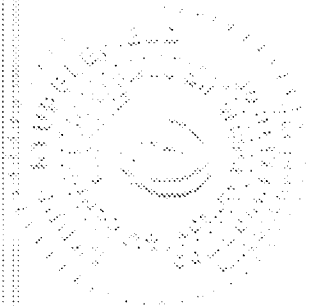
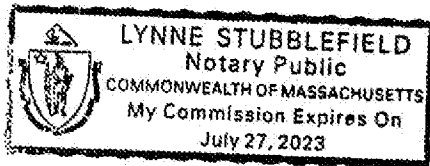
ss.



On this 8th day of September, 2016, before me, the undersigned notary public, personally appeared Kyle Smith, proved to me through satisfactory evidence of identification, which were MGH ID, to be the person(s) whose name(s) is/are signed on the preceding or attached document, and acknowledged to me that Kyle signed it voluntarily for its stated purpose.

[Signature]

Notary Public



Fabio Fachin DATE: 10/6/2016

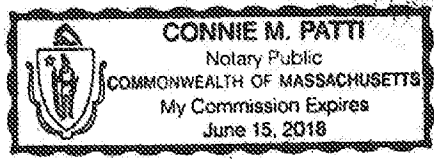
The Commonwealth of Massachusetts

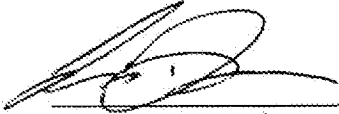
Middlesex ss.



On this 6 day of October, 2016, before me, the undersigned notary public, personally appeared FABIO FACHIN, proved to me through satisfactory evidence of identification, which were Mass. Drivers License to be the person(s) whose name(s) is/are signed on the preceding or attached document, and acknowledged to me that he signed it voluntarily for its stated purpose.

[Signature]
Notary Public





Thomas Alan Barber

DATE: 9/13/16

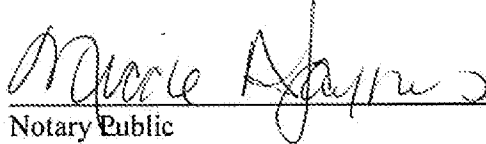
The Commonwealth of Massachusetts

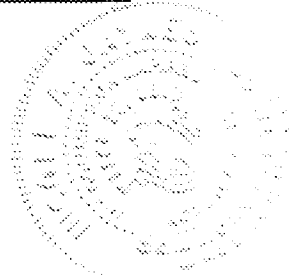
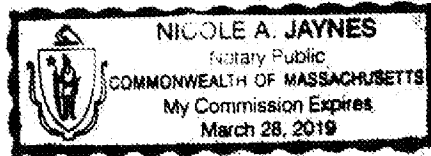
Middlesex

ss.



On this 13th day of September, 2016, before me, the undersigned notary public, personally appeared Thomas Barber, proved to me through satisfactory evidence of identification, which were drivers license, to be the person(s) whose name(s) is/are signed on the preceding or attached document, and acknowledged to me that he signed it voluntarily for its stated purpose.


Notary Public



Ravi Kapur
Ravi Kapur

DATE: 9/7/2016

The Commonwealth of Massachusetts

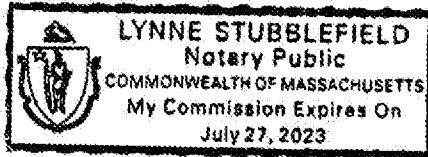
Suffolk ss.



On this 7th day of September, 2016, before me, the undersigned notary public, personally appeared Ravi Kapur, proved to me through satisfactory evidence of identification, which were MGH ID, to be the person(s) whose name(s) is/are signed on the preceding or attached document, and acknowledged to me that Ravi signed it voluntarily for its stated purpose.

[Signature]

Notary Public



Mehmet Toner
Mehmet Toner

DATE: 09/06/2016

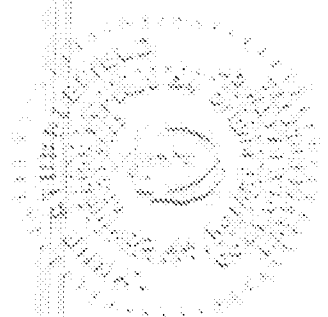
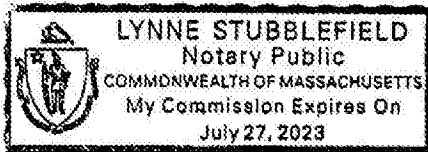
The Commonwealth of Massachusetts


Suffolk ss.



On this 6th day of September, 2016, before me, the undersigned notary public, personally appeared Mehmet TONER, proved to me through satisfactory evidence of identification, which were MGH ID, to be the person(s) whose name(s) is/are signed on the preceding or attached document, and acknowledged to me that Mehmet signed it voluntarily for its stated purpose.

Notary Public



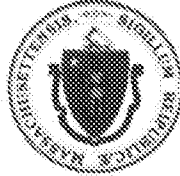


Vincent Pai

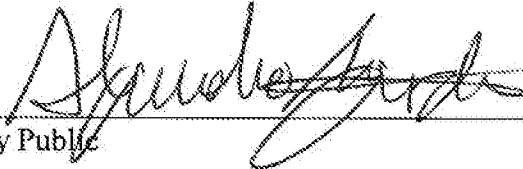
DATE: 12/3/2016

The Commonwealth of Massachusetts

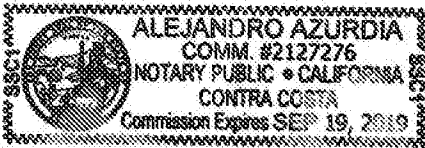
CA Contra Costa ss.



On this 3rd day of Dec, 2016, before me, the undersigned notary public, personally appeared Vincent Pai, proved to me through satisfactory evidence of identification, which were CA DL E134364A, to be the person(~~s~~) whose name(~~s~~) is/are signed on the preceding or attached document, and acknowledged to me that he signed it voluntarily for its stated purpose.



Notary Public



M/Kmk.
Nezihi Murat Karabacak

DATE: 08/27/2016.

The Commonwealth of Massachusetts

Suzadik ss.



On this 27 day of September, 2016 before me, the undersigned notary public, personally appeared N. Murat Karabacak, proved to me through satisfactory evidence of identification, which were MCAH ID, to be the person(s) whose name(s) is/are signed on the preceding or attached document, and acknowledged to me that N. Murat signed it voluntarily for its stated purpose.

[Signature]
Notary Public

