

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
FRANCESCA FERRARO	10/01/2014
JONATHAN HOGGATT	08/19/2015
BORJA SAEZ	08/28/2014
DAVID T. SCADDEN	08/13/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	President and Fellows of Harvard College
<b>Street Address:</b>	17 Quincy Street
<b>City:</b>	Cambridge
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<b>Name:</b>	THE GENERAL HOSPITAL CORPORATION DBA MASSACHUSETTS GENERAL HOSPITAL
<b>Street Address:</b>	32 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>PCT Number:</b>	US1419596
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)495-9568
<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>	
<b>Phone:</b>	(617) 495-3058
<b>Email:</b>	denlyn_atherton@harvard.edu
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<b>ATTORNEY DOCKET NUMBER:</b>	4927 PCT HU & MGH

<b>NAME OF SUBMITTER:</b>	ANNE I. CRAIG
<b>SIGNATURE:</b>	/aic/
<b>DATE SIGNED:</b>	08/28/2015
<b>Total Attachments: 12</b> source=4927 PCT assignment executed to HU and MGH#page1.tif source=4927 PCT assignment executed to HU and MGH#page2.tif source=4927 PCT assignment executed to HU and MGH#page3.tif source=4927 PCT assignment executed to HU and MGH#page4.tif source=4927 PCT assignment executed to HU and MGH#page5.tif source=4927 PCT assignment executed to HU and MGH#page6.tif source=4927 PCT assignment executed to HU and MGH#page7.tif source=4927 PCT assignment executed to HU and MGH#page8.tif source=4927 PCT assignment executed to HU and MGH#page9.tif source=4927 PCT assignment executed to HU and MGH#page10.tif source=4927 PCT assignment executed to HU and MGH#page11.tif source=4927 PCT assignment executed to HU and MGH#page12.tif	

## ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the undersigned:

**Francesca Ferraro, Jonathan Hoggatt, Borja Saez, David T. Scadden**

(each hereafter "Assignor") hereby assign, sell, and transfer to:

**President and Fellows of Harvard College  
17 Quincy Street, Cambridge, Massachusetts 02138**

and

**Massachusetts General Hospital  
32 Fruit Street, Boston, Massachusetts 02114**

(hereafter "Assignee") its successors and assigns, Assignor's entire right, title and interest throughout the world in and to any and all inventions for:

### **METHODS AND COMPOSITIONS FOR MOBILIZING STEM CELLS**

described in Patent Application No. **PCT/US14/19596** filed 02/28/2014 which claims priority to Patent Application Nos. 61/904,768 filed 11/15/2013 and 61/828,568 filed 05/29/13 and 61/770,533 filed 02/28/2013; and in and to the aforesaid application(s), in any form or embodiment thereof, and in and to any application on any of the inventions filed in this and any foreign country, based thereon, including the right to file said applications, apply for patent rights, and claim priority under the provisions of any international convention or treaty; also the entire right, title and interest throughout the world in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon any of the inventions and any divisional, continuation, or substitute applications which may be filed upon said invention or inventions in this or any foreign country; and the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent; and authorize and request the issuing authority to issue any and all patents on said application or applications to said Assignee or its successors and assigns.

For purposes of complying with foreign requirements, the above paragraph is intended to expressly grant all the recited rights and grants in China, Korea, and Japan.

Assignor hereby warrants that he/she has full right to convey his/her entire right, title and interest, both legal and equitable, in and to said inventions, free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

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HU Case 4927  
Appl. No(s): PCT/US14/19596

Assignor further agrees, without further payment or compensation by said Assignee or its successors and assigns, to communicate to said Assignee, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings, whenever requested; testify in any interference or other legal proceedings whenever requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and generally do everything possible to aid said Assignee,

its representatives or agents, or its successors or assigns to secure, obtain and enforce proper patent protection for said invention or inventions in this and any foreign country.

Assignor authorizes Assignee or Assignee's representative to supply and/or to correct any errors or omissions in the patent/application information provided above including but not limited to said application serial number(s) and filing date(s), prior to or after recordation.

Assignor appoints Assignee, through its designee, as its attorney-in-fact to execute, in Assignor's name and on Assignor's behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

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**Date**

\_\_\_\_\_  
**Francesca Ferraro**

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**Date**

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**Witness**

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**Witness's Printed Name**

8-19-15  
**Date**

  
**Jonathan Hoggatt**

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**Date**

  
**Witness**

SHRUTI DATARI  
**Witness's Printed Name**

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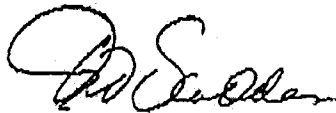
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Borja Saez

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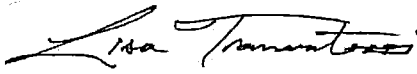
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8/13/15  
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David T. Scadden

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Lisa Tramontozzi  
\_\_\_\_\_  
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its representatives or agents, or its successors or assigns to secure, obtain and enforce proper patent protection for said invention or inventions in this and any foreign country.

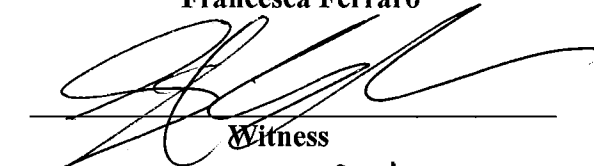
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10/01/2014  
Date

  
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Francesca Ferraro

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Date

  
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Witness  
Stephen Sykes  
Witness's Printed Name

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Jonathan Hoggatt

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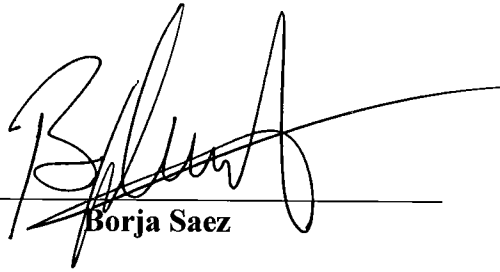
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8.28.14

Date



Borja Saez

8.28.2014

Date



Witness

RAHUL PALCHAUDHURI

Witness's Printed Name

Date

David T. Scadden

Date

Witness

Witness's Printed Name