

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4041036

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DAVID J. MOONEY	03/02/2011
ROGER W. SANDS	03/02/2011
EDUARDO A. SILVA	03/02/2011
RECEIVING PARTY DATA	
Name:	PRESIDENT AND FELLOWS OF HARVARD COLLEGE
Street Address:	17 QUINCY STREET
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02138
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15147442
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Email:	caroline_borek@harvard.edu
Correspondent Name:	KAREN SINCLAIR
Address Line 1:	1350 MASSACHUSETTS AVENUE
Address Line 2:	HARVARD UNIVERSITY, OFFICE OF TECH. DEV.
Address Line 4:	CAMBRIDGE, MASSACHUSETTS 02138
ATTORNEY DOCKET NUMBER:	3579
NAME OF SUBMITTER:	KAREN SINCLAIR
SIGNATURE:	/kas/
DATE SIGNED:	09/07/2016
Total Attachments: 4	
source=HU3579HarvardAssignment-Signed#page1.tif	
source=HU3579HarvardAssignment-Signed#page2.tif	
source=HU3579HarvardAssignment-Signed#page3.tif	
source=HU3579HarvardAssignment-Signed#page4.tif	

ASSIGNMENT

We, **Roger Warren Sands, Eduardo Alexandre Barros e Silva and David J. Mooney**, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, confirm that we have sold and assigned, and do hereby assign, sell and transfer to **President and Fellows of Harvard College, 17 Quincy Street, Cambridge, Massachusetts, 02138, United States of America**, and to its successors, assigns and legal representatives, collectively hereinafter referred to as the ASSIGNEE: (1) our entire right, title and interest for the United States and in all countries, in and to any and all inventions, discoveries and applications which are disclosed in the application for United States Letters Patent entitled:

PROGRAMMING OF CELLS FOR TOLEROGENIC THERAPIES

filed with the U.S. Patent and Trademark Office on **August 2, 2010** and assigned International Application Serial No. **PCT/US2010/044117**, including any subsequently filed utility applications, which claim priority to U.S. Application Serial No. 61/230,169 filed on July 31, 2009, and including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my/our names as the ASSIGNEE, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

We agree, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

We further agree at any time to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

We hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

We further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Date: 3/21/2011



Signature of: **Roger Warren Sands**

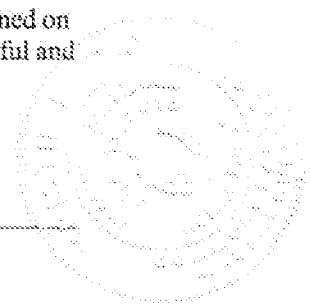
State of Massachusetts
County of Middlesex

On this 2nd day of March, 2011, before me, the undersigned notary public, personally appeared **Roger Warren Sands**, proved to me through satisfactory evidence of identification, which was a MA Drivers License, to be the person whose name is signed on this document and who swore or affirmed to me that the contents of this document are truthful and accurate to the best of his/her knowledge and belief.



Notary Public

My commission expires 8/13/15



Date: 02 March 2011 Eduardo A. Silva

Signature of: Eduardo Barros e Silva

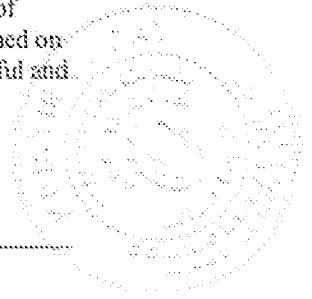
State of Massachusetts
County of Middlesex

On this 2nd day of MARCH, 2011, before me, the undersigned notary public, personally appeared **Eduardo Barros e Silva**, proved to me through satisfactory evidence of identification, which was a MA DRIVER'S LICENSE to be the person whose name is signed on this document and who swore or affirmed to me that the contents of this document are truthful and accurate to the best of his/her knowledge and belief.

Walter Day

Notary Public

My commission expires 8/13/15



Date: March 2, 2011

[Signature]
Signature of: David J. Mooney

State of Massachusetts
County of Middlesex

On this 2nd day of March, 2011, before me, the undersigned notary public, personally appeared **David J. Mooney**, proved to me through satisfactory evidence of identification, which was a MA Driver's License to be the person whose name is signed on this document and who swore or affirmed to me that the contents of this document are truthful and accurate to the best of his/her knowledge and belief.

[Signature]
Notary Public
My commission expires 8/13/15

