

## 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>
OMAR ABDEL-RAHMAN ALI	05/31/2007
TANYARUT BOONTHEEKUL	07/26/2007
HYUN JOON KONG	05/30/2007
DAVID J. MOONEY	05/31/2007
EDUARDO A. SILVA	05/31/2007
<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
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02138
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16170313
<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) 495-3067
<b>Email:</b>	siobhan_murphy@harvard.edu
<b>Correspondent Name:</b>	KAREN SINCLAIR
<b>Address Line 1:</b>	1350 MASSACHUSETTS AVE
<b>Address Line 2:</b>	HARVARD UNIVERSITY, OFFICE OF TECH. DEV.
<b>Address Line 4:</b>	CAMBRIDGE, MASSACHUSETTS 02138
<b>ATTORNEY DOCKET NUMBER:</b>	2532
<b>NAME OF SUBMITTER:</b>	KAREN SINCLAIR
<b>SIGNATURE:</b>	/K.S./
<b>DATE SIGNED:</b>	02/28/2019
<b>Total Attachments: 5</b>	

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## ASSIGNMENT

We, **David J. Mooney, Omar Abdel-Rahman Ali, Eduardo Alexandre Barros e Silva, Hyun Joon Kong, and Tanyarut Boontheeikul**, the undersigned, hereinafter referred to as the ASSIGNOR, for good and valuable consideration, the receipt of which is hereby acknowledged, hereby assign, sell and transfer to the **President and Fellows of Harvard College**, a **Massachusetts** corporation, with offices at **17 Quincy Street, Cambridge, MA 02138** and its successors, assigns and legal representatives, all 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:

### SCAFFOLDS FOR CELL TRANSPLANTATION

filed with the U.S. Patent and Trademark Office on **December 13, 2006** and assigned Serial No. **11/638,796**, 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 at 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 me/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.

Applicants: David J. Mooney et al.  
U.S. Application No.: 11/638,796

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: 5/31/07 David J. Mooney  
David J. Mooney

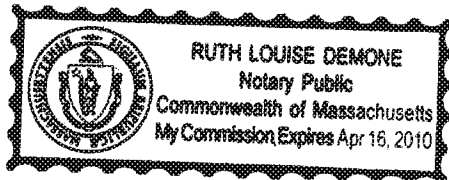
State of Massachusetts  
Country of Middlesex

Subscribed and sworn to before me this 31<sup>st</sup> day of May, 2007.  
SEAL Ruth L. Demone  
Notary Public  
My commission expires 4/16/10

Date: 5/31/07 Omar Abdel-Rahman Ali  
Omar Abdel-Rahman Ali

State of Massachusetts  
Country of Middlesex

Subscribed and sworn to before me this 31<sup>st</sup> day of May, 2007.  
SEAL Ruth L. Demone  
Notary Public  
My commission expires 4/16/10



Applicants: David J. Mooney et al.  
U.S. Application No.: 11/638,796

Date: 5/31/2007

Eduardo Alexandre B. Silva  
Eduardo Alexandre Barros e Silva

State of Massachusetts  
Country of Madagascar

Subscribed and sworn to before me this 31<sup>st</sup> day of May, 2007.

SEAL

Paul J. O'Keefe  
Notary Public  
My commission expires 4/14/10

Date: \_\_\_\_\_

\_\_\_\_\_  
Hyun Joon Kong

State of \_\_\_\_\_  
Country of \_\_\_\_\_

Subscribed and sworn to before me this \_\_\_\_ day of \_\_\_\_\_, 2007.

SEAL

\_\_\_\_\_  
Notary Public  
My commission expires \_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_  
Tanyarut Boontheekul

State of \_\_\_\_\_  
Country of \_\_\_\_\_

Subscribed and sworn to before me this \_\_\_\_ day of \_\_\_\_\_, 2007.

SEAL

\_\_\_\_\_  
Notary Public  
My commission expires \_\_\_\_\_

ACTIVE 4002770v.1

Applicants: David J. Mooney et al.  
U.S. Application No.: 11/638,796

Date: \_\_\_\_\_

\_\_\_\_\_  
Eduardo Alexandre Barros e Silva

State of \_\_\_\_\_

Country of \_\_\_\_\_


Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 2007.

SEAL

\_\_\_\_\_  
Notary Public

My commission expires \_\_\_\_\_

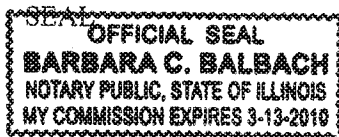
Date: 5/30/2007

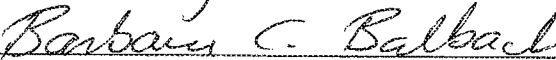
  
Hyun Joon Kong

State of IL

Country of USA

Subscribed and sworn to before me this 30 day of May, 2007.



  
Notary Public

My commission expires 3/13/10

Date: \_\_\_\_\_

\_\_\_\_\_  
Tanyarut Boontheekul

State of \_\_\_\_\_

Country of \_\_\_\_\_

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 2007.

SEAL

\_\_\_\_\_  
Notary Public

My commission expires \_\_\_\_\_

ACTIVE 4002770v.1

Applicants: David J. Mooney et al.  
U.S. Application No.: 11/638,796

Date: \_\_\_\_\_

Eduardo Alexandre Barros e Silva

State of \_\_\_\_\_

Country of \_\_\_\_\_

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 2007.

SEAL

Notary Public

My commission expires \_\_\_\_\_

Date: \_\_\_\_\_

Hyun Joon Kong

State of \_\_\_\_\_

Country of \_\_\_\_\_

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 2007.

SEAL

Notary Public

My commission expires \_\_\_\_\_

Date: 26-July-2007

Tany Boontheekul  
Tany Boontheekul

State of \_\_\_\_\_

Country of Thailand

Subscribed and sworn to before me this 26 day of July, 2007.

SEAL

Veerapit Tantayakorn

~~Notary Public~~ Witness

My commission expires \_\_\_\_\_

22 Phahonyothin 24 Yak 2-1, Chompol  
Chattajak, Bangkok 10900 Thailand

ACTIVE 4002770v.1

My commission expires \_\_\_\_\_