

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
James J. Collins	01/19/2011
RECEIVING PARTY DATA	
Name:	Trustees of Boston University
Street Address:	One Silber Way
City:	Boston
State/Country:	MASSACHUSETTS
Postal Code:	02215
PROPERTY NUMBERS Total: 1	
Property Type	Number
PCT Number:	US1058341
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Correspondent Name:	Leena H. Karttunen Contarino
Address Line 1:	Nixon Peabody LLP
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Address Line 4:	Boston, MASSACHUSETTS 02110
ATTORNEY DOCKET NUMBER:	701586-066751
NAME OF SUBMITTER:	Leena H. Karttunen Contarino
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif	

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NIXON PEABODY LLP
100 Summer Street
Boston, Massachusetts 02110-2131

Attorney's Docket No. 701586-066751-PCT
PCT/US2010/058341
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For: U.S. and Foreign Rights
By: Single Inventor

ASSIGNMENT OF INVENTION CONTAINED IN PCT APPLICATION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR (inventor):

Name: **James J. COLLINS**

Address: 118 Glen Avenue
Newton, MA 02459
United States

Nationality: US

I, as an employee of the Howard Hughes Medical Institute (the "Institute") have been appointed **AGENT** for the Institute for the purpose of assigning certain rights, hereby sells, assigns and transfers to

ASSIGNEE (applicant):

Name: **TRUSTEES OF BOSTON UNIVERSITY**

Address: One Silber Way
Boston, MA 02215
UNITED STATES

Nationality: US

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest and in all foreign countries, including all rights to claim priority in and to any and all improvements which are disclosed in the invention entitled **BIOLOGICAL CIRCUIT CHEMOTACTIC CONVERTERS** and which is found in (37 C.F.R. Section 3.21) PCT Application Serial No. **PCT/US2010/058341** which has an International Filing Date of **November 30, 2010**, and any legal equivalent thereof in any designated country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any re-issue or re-examination thereof;

AGENT hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

AGENT further covenants 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

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PATENT
REEL: 028203 FRAME: 0258

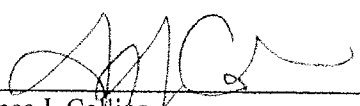
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equivalents as may be known and accessible to AGENT and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments 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.

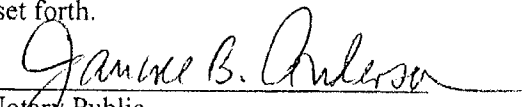
I, the undersigned, as AGENT, hereby grant the law firm of Nixon Peabody LLP of 100 Summer Street, Boston, Massachusetts 02110-2131, U.S.A. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark, Office for recordation of this document.

IN TESTIMONY WHEREOF, I, James J. Collins, hereunto set my hand and seal this 19
day of July, 2011.


James J. Collins
for myself and as Agent of Howard Hughes Medical Institute
(the "Institute")

STATE OF MASSACHUSETTS
COUNTY OF SUFFOLK SS:

This 19 day of JANUARY, 2011, before me personally came the above-named James J. Collins, to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.


Notary Public

