

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5557247

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KEITH D. CRAWFORD	07/10/2010
RECEIVING PARTY DATA	
Name:	THE BRIGHAM AND WOMEN'S HOSPITAL, INC.
Street Address:	75 FRANCIS STREET
City:	BOSTON
State/Country:	MASSACHUSETTS
Postal Code:	02215
PROPERTY NUMBERS Total: 4	
Property Type	Number
Application Number:	15648690
Application Number:	15648725
Application Number:	15648738
Application Number:	15382849
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>	
Phone:	617-345-1000
Email:	AYAMAKAITIS@NIXONPEABODY.COM, BOSTONPATENT@NIXONPEABODY.COM
Correspondent Name:	MARK J. FITZGERALD
Address Line 1:	NIXON PEABODY LLP EXCHANGE PLACE
Address Line 2:	53 STATE STREET
Address Line 4:	BOSTON, MASSACHUSETTS 02109-2835
ATTORNEY DOCKET NUMBER:	043214-07305X
NAME OF SUBMITTER:	MARK J. FITZGERALD
SIGNATURE:	/MARK J. FITZGERALD/
DATE SIGNED:	06/05/2019
Total Attachments: 6	
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ASSIGNMENT BY INVENTOR

THIS ASSIGNMENT, made this 10th day of July, 2010,
by Keith D. Crawford (hereinafter referred to as Assignor), residing at 5 Downey
Terrace, Westwood, Massachusetts 02090;

WHEREAS, Assignor has invented certain new and useful improvements in
MULTIPOTENT STEM CELLS AND USES THEREOF, set forth in a Patent application
for Letters Patent of the United States, already filed on October 29, 2009 as U.S.
Application No. 12/598,047; and

WHEREAS, The Brigham and Women's Hospital, Inc., a Non-profit
Corporation organized under and pursuant to the laws of Massachusetts having its
principal place of business at 75 Francis Street, Boston, Massachusetts 02215
(hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and
interest in and to said inventions and said Application for Letters Patent of the United
States, and in and to any Letters Patent of the United States to be obtained therefore
and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good
and sufficient consideration, the receipt of which is hereby acknowledged, Assignor
has sold, assigned, transferred and set over, and by these presents does sell, assign,
transfer and set over, unto Assignee, its successors, legal representatives and
assigns, the entire right, title and interest in and to the above-mentioned inventions
and application for Letters Patent, and in and to any and all direct and indirect
divisions, continuations and continuations-in-part of said application, and any and all
Letters Patent in the United States and all foreign countries which may be granted
therefor and thereon, and reissues, reexaminations and extensions of said Letters
Patent, and all rights under the International Convention for the Protection of Industrial
Property, the same to be held and enjoyed by Assignee, for its own use and benefit
and the use and benefit of its successors, legal representatives and assigns, to the full
end of the term or terms for which Letters Patent may be granted and/or extended, as

fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

AND for the same consideration, Assignor hereby represents and warrants to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor hereby requests the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.


AND Assignor hereby grants the following individuals 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 United States Patent and Trademark Office for
recording of this document:

EDWARDS ANGELL PALMER & DODGE LLP


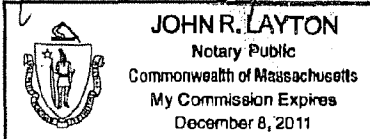
All practitioners at Customer Number 21874

AND Assignor acknowledges an obligation of assignment of this invention to
Assignee at the time the invention was made.

Date: 7/10/10 Signature: 
Keith D. Crawford

COMMONWEALTH OF MASSACHUSETTS
COUNTY OF SUFFOLK

ON JULY 10, 2010 KEITH D. CRAWFORD, PERSONALLY KNOWN
TO ME, ATTESTED TO HIS SIGNATURE AS BEING
EXECUTED FREELY AND VOLUNTARILY.

ASSIGNMENT BY INVENTOR

THIS ASSIGNMENT, made this 14th day of JUNE, 2010,
by Christopher Southgate (hereinafter referred to as Assignor), residing at 24 Maynard
Farm Road, Sudbury, Massachusetts 01776;

CS

Circle

WHEREAS, Assignor has invented certain new and useful improvements in
MULTIPOTENT STEM CELLS AND USES THEREOF, set forth in a Patent application
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and thereon.

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assigns, the entire right, title and interest in and to the above-mentioned inventions
and application for Letters Patent, and in and to any and all direct and indirect
divisions, continuations and continuations-in-part of said application, and any and all
Letters Patent in the United States and all foreign countries which may be granted
therefor and thereon, and reissues, reexaminations and extensions of said Letters
Patent, and all rights under the International Convention for the Protection of Industrial
Property, the same to be held and enjoyed by Assignee, for its own use and benefit
and the use and benefit of its successors, legal representatives and assigns, to the full
end of the term or terms for which Letters Patent may be granted and/or extended, as

fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

AND for the same consideration, Assignor hereby represents and warrants to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor hereby requests the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

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recording of this document:

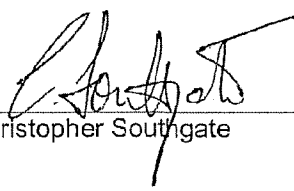
EDWARDS ANGELL PALMER & DODGE LLP

All practitioners at Customer Number 21874

AND Assignor acknowledges an obligation of assignment of this invention to
Assignee at the time the invention was made.

Date: JUNE 14th 2010

Signature: _____


Christopher Southgate