PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3468518

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LEE M. KAPLAN	06/01/2015
NICHOLAS STYLOPOULOS	08/03/2015

RECEIVING PARTY DATA

Name:	THE GENERAL HOSPITAL CORPORATION D/B/A MASSACHUSETTS GENERAL HOSPITAL
Street Address:	55 FRUIT STREET
City:	BOSTON
State/Country:	MASSACHUSETTS
Postal Code:	02114

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13977543

CORRESPONDENCE DATA

Fax Number:

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.

Phone: 6173483018

Email: csperry@mintz.com
Correspondent Name: CHRISTINA SPERRY
Address Line 1: ONE FINANCIAL CENTER

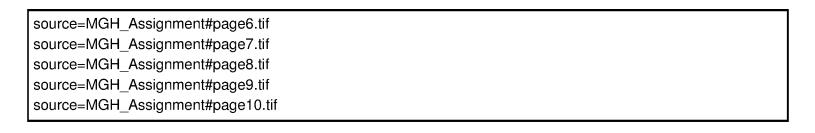
Address Line 4: BOSTON, MASSACHUSETTS 02111

NAME OF SUBMITTER:	CHRISTINA SPERRY
SIGNATURE:	/Christina Sperry/
DATE SIGNED:	08/04/2015

Total Attachments: 10

source=MGH_Assignment#page1.tif source=MGH_Assignment#page2.tif source=MGH_Assignment#page3.tif source=MGH_Assignment#page4.tif source=MGH_Assignment#page5.tif

PATENT 503421884 REEL: 036247 FRAME: 0408



PATENT REEL: 036247 FRAME: 0409 MGH 20991.03 US PCT 1

Attorney Docket No.; 47364-094N01US (END6914USPCT/MGH20991.3) Application Serial No.: 13/977,543

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Lee M. Kaplan, a citizen of the United States of American, residing at 30 Bancroft Road, Wellesley, Massachusetts 02481; and Nicholas Stylopoulos, a citizen of the United States of America, residing at 406 Paradise Road, Unit 3P, Swampscott, Massachusetts 01907 (hereinafter referred to as Assignors);

WHEREAS, Assignors have invented certain new and useful improvements in BROWN ADIPOCYTE MODIFICATION, described in U.S. Patent Application Serial No. 13/977,543, filed on June 28, 2013, claiming priority to PCT Patent Application Serial No. PCT/US11/66358, filed on December 21, 2011, and United States Provisional Patent Application Serial No. 61/427,968, filed on December 29, 2010, in the United States Patent and Trademark Office.

WHEREAS, THE GENERAL HOSPITAL CORPORATION d/b/a
MASSACHUSETTS GENERAL HOSPITAL, a non-profit organization organized under and
pursuant to the laws of United States of America having its principal place of business at 55
Pruit Street, Boston, Massachusetts 02114 (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, Assignors have 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 therefore 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

Page 1 of 5

same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant 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, Assignors are 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 Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors 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 Assignors hereby request 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 Assignors hereby grant 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 recordation of this document:

Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C. All practitioners at Customer Number 123907

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date 6/1/15	Jukylan, Lee M. Kaplan	
Witness:	~ 0	
Date (5) 115	Donothy Pazin	

Date	Nicholas Stylopoulos
Witness:	
Date 1201v.1	

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Lee M. Kaplan, a citizen of the United States of American, residing at 30 Bancroft Road, Wellesley, Massachusetts 02481; and Nicholas Stylopoulos, a citizen of the United States of America, residing at 406 Paradise Road, Unit 3P, Swampscott, Massachusetts 01907 (hereinafter referred to as Assignors);

WHEREAS, Assignors have invented certain new and useful improvements in BROWN ADIPOCYTE MODIFICATION, described in U.S. Patent Application Serial No. 13/977,543, filed on June 28, 2013, claiming priority to PCT Patent Application Serial No. PCT/US11/66358, filed on December 21, 2011, and United States Provisional Patent Application Serial No. 61/427,968, filed on December 29, 2010, in the United States Patent and Trademark Office.

WHEREAS, THE GENERAL HOSPITAL CORPORATION d/b/a
MASSACHUSETTS GENERAL HOSPITAL, a non-profit organization organized under and
pursuant to the laws of United States of America having its principal place of business at 55
Fruit Street, Boston, Massachusetts 02114 (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, Assignors have 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 therefore 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 Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant 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, Assignors are 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 Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors 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 Assignors hereby request 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 Assignors hereby grant 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 recordation of this document:

Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C. All practitioners at Customer Number 123907

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Page 3 of 5

Date	Lee M. Kaplan	
Witness:		
Date		

8/3/2015

Nicholas Stylopoulos

Witness:

8 3 2015

Eirini Nertoridi M

Page 5 of 5

PATENT REEL: 036247 FRAME: 0419

RECORDED: 08/04/2015