

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3826312

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
OLIVIER D. BOSS	11/12/2009
JEAN-PAUL GIACOBINO	10/27/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ENERGESIS PHARMACEUTICALS, INC.
<b>Street Address:</b>	ONE KENDALL SQUARE
<b>Internal Address:</b>	BLDG. 200, SUITE 2203
<b>City:</b>	CAMBRIDGE
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02139
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	13875711
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)310-6001
<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>	6173106000
<b>Email:</b>	bosipmail@gtlaw.com
<b>Correspondent Name:</b>	FANG XIE
<b>Address Line 1:</b>	GREENBERG TRAUIG, LLP
<b>Address Line 2:</b>	ONE INTERNATIONAL PLACE
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02110
<b>ATTORNEY DOCKET NUMBER:</b>	130204-010110/CON
<b>NAME OF SUBMITTER:</b>	FANG XIE
<b>SIGNATURE:</b>	/Fang Xie, Reg. No. L0591/
<b>DATE SIGNED:</b>	04/12/2016
<b>Total Attachments: 6</b>	
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## PATENT APPLICATION ASSIGNMENT

**WHEREAS**, Olivier D. Boss, a citizen of the Commonwealth of Massachusetts, residing at 770 Boylston Street, #26G, Boston, Massachusetts, USA, and Jean-Paul Giacobino, a citizen of Switzerland, residing at 16 rue Jean-Senebier, 1205 Geneva, Switzerland, (hereinafter collectively referred to as "ASSIGNORS") are the owners of all right, title, and interest in and to PCT Patent Application No. PCT/US2009/003217, for "Brown Adipocyte Progenitors in Human Skeletal Muscle" (filed May 27, 2009), U.S. Provisional Patent Application No. 61/071,916 (filed May 27, 2008), and related rights, title, and interests as set forth herein;

**WHEREAS**, ASSIGNORS desire to assign all right, title and interest in and to PCT Patent Application No. PCT/US2009/003217, U.S. Provisional Patent Application No. 61/071,916 and related rights, title, and interests as set forth herein to Energesis Pharmaceuticals, Inc., a Delaware Corporation, with a place of business c/o Rubin and Rudman LLP, 50 Rowes Wharf, 3<sup>rd</sup> Floor, Boston, MA 02110, Attn: Peter B. Finn, Esq. (hereinafter "ASSIGNEE"); and

**WHEREAS**, ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to PCT Patent Application No. PCT/US2009/003217, U.S. Provisional Patent Application No. 61/071,916, and related rights, title, and interests as set forth herein;

**NOW, THEREFORE**, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and adequacy of all of which are hereby acknowledged accepted and agreed to, ASSIGNORS agree to unconditionally assign, and does hereby unconditionally assign, all right, title, and interest throughout the world in and to PCT Patent Application No. PCT/US2009/003217 and U.S. Provisional Patent Application No. 61/071,916, including without limitation: all inventions disclosed and/or claimed therein; all continuations, continuations-in-part, or divisions thereof; all patents issuing thereon and all reissues, reexaminations, or extensions of those patents; and all foreign applications and patents claiming priority thereto or otherwise disclosing and/or claiming subject matter that is disclosed and/or claimed therein; and the right to sue for and to recover for past infringements thereof, unto said ASSIGNEE, its successors and assigns.

ASSIGNORS represent that at the time of execution of this Patent Application Assignment, ASSIGNORS are the owners of all right, title, and interest in and to PCT Patent Application No. PCT/US2009/003217, U.S. Provisional Patent Application No. 61/071,916, and related rights, title, and interests as set forth herein, and that ASSIGNORS have not assigned, transferred, licensed or encumbered ASSIGNORS' rights, title, or interests therein, and that ASSIGNORS will not hereafter assign or attempt to assign any rights, title, or interests therein, or take any other action inconsistent with this Patent Application Assignment.

ASSIGNORS agrees to execute such further documents and take such acts as reasonably required by ASSIGNEE or ASSIGNEE'S successor to secure and enforce

ASSIGNEE's rights in PCT Patent Application No. PCT/US2009/003217, U.S. Provisional Patent Application No. 61/071,916, and related rights, title, and interests as set forth herein, including but not limited to further assignments.

Olivier D. Boss



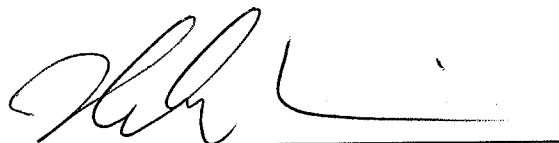
Date: November 12, 2009

COMMONWEALTH OF MASSACHUSETTS:

SUFFOLK  
COUNTY OF ~~MIDDLESEX~~ :

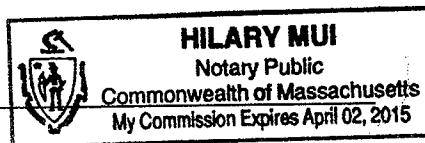
On this 12<sup>th</sup> day of ~~October~~ NOVEMBER, 2009, , before me, the undersigned notary public, personally appeared Olivier D. Boss, proved to me through satisfactory evidence of identification, which was a drivers license, to be the person whose name is signed on the preceding document, and acknowledged to me that he signed voluntarily for its stated purpose.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.



Notary Public

My Commission Expires:



Jean-Paul Giacobino

\_\_\_\_\_

Date:

STATE OF [ ] :

:

COUNTY OF [ ] :

On this \_\_\_\_ day of October, 2009, before me, a Notary Public, within and for the County of [ ], State of [ ], personally appeared Jean-Paul Giacobino, to me known to be the person described in and who acknowledged executing the forgoing instrument as a free act and deed, and who also represented that he is authorized to execute the same.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

\_\_\_\_\_

Notary Public

My Commission Expires: \_\_\_\_\_

## **PATENT APPLICATION ASSIGNMENT**

**WHEREAS**, Olivier D. Boss, a citizen of the Commonwealth of Massachusetts, residing at 770 Boylston Street, #26G, Boston, Massachusetts, USA, and Jean-Paul Giacobino, a citizen of Switzerland, residing at 16 rue Jean-Senebier, 1205 Geneva, Switzerland, (hereinafter collectively referred to as "ASSIGNORS") are the owners of all right, title, and interest in and to PCT Patent Application No. PCT/US2009/003217, for "Brown Adipocyte Progenitors in Human Skeletal Muscle" (filed May 27, 2009), U.S. Provisional Patent Application No. 61/071,916 (filed May 27, 2008), and related rights, title, and interests as set forth herein;

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**WHEREAS**, ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to PCT Patent Application No. PCT/US2009/003217, U.S. Provisional Patent Application No. 61/071,916, and related rights, title, and interests as set forth herein;

**NOW, THEREFORE**, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and adequacy of all of which are hereby acknowledged accepted and agreed to, ASSIGNORS agree to unconditionally assign, and does hereby unconditionally assign, all right, title, and interest throughout the world in and to PCT Patent Application No. PCT/US2009/003217 and U.S. Provisional Patent Application No. 61/071,916, including without limitation: all inventions disclosed and/or claimed therein; all continuations, continuations-in-part, or divisions thereof; all patents issuing thereon and all reissues, reexaminations, or extensions of those patents; and all foreign applications and patents claiming priority thereto or otherwise disclosing and/or claiming subject matter that is disclosed and/or claimed therein; and the right to sue for and to recover for past infringements thereof, unto said ASSIGNEE, its successors and assigns.

ASSIGNORS represent that at the time of execution of this Patent Application Assignment, ASSIGNORS are the owners of all right, title, and interest in and to PCT Patent Application No. PCT/US2009/003217, U.S. Provisional Patent Application No. 61/071,916, and related rights, title, and interests as set forth herein, and that ASSIGNORS have not assigned, transferred, licensed or encumbered ASSIGNORS' rights, title, or interests therein, and that ASSIGNORS will not hereafter assign or attempt to assign any rights, title, or interests therein, or take any other action inconsistent with this Patent Application Assignment.

ASSIGNORS agrees to execute such further documents and take such acts as reasonably required by ASSIGNEE or ASSIGNEE'S successor to secure and enforce

ASSIGNEE's rights in PCT Patent Application No. PCT/US2009/003217, U.S. Provisional Patent Application No. 61/071,916, and related rights, title, and interests as set forth herein, including but not limited to further assignments.

Olivier D. Boss

\_\_\_\_\_  
Date: October \_\_\_\_, 2009

COMMONWEALTH OF MASSACHUSETTS:

:

COUNTY OF MIDDLESEX :

On this \_\_\_\_ day of October, 2009, , before me, the undersigned notary public, personally appeared Olivier D. Boss, proved to me through satisfactory evidence of identification, which was a drivers license, to be the person whose name is signed on the preceding document, and acknowledged to me that he signed voluntarily for its stated purpose.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

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

My Commission Expires: \_\_\_\_\_

Jean-Paul Giacobino

*Jacobino*

Date:

STATE OF [ ] : *Geneva*

COUNTY OF [ ] : *Switzerland*

On this 27 day of October, 2009, before me, a Notary Public, within and for the County of Switzerland, State of Geneva, personally appeared Jean-Paul Giacobino, to me known to be the person described in and who acknowledged executing the forgoing instrument as a free act and deed, and who also represented that he is authorized to execute the same.

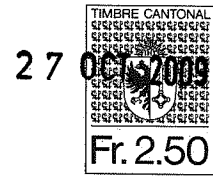
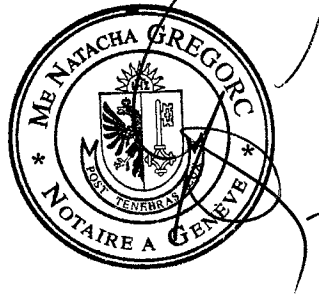
IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

*Natacha GREGORC*

Notary Public

My Commission Expires: \_\_\_\_\_

*dité Commission*



LE NOTAIRE SOUSSIGNE N'ASSUME  
AUCUNE RESPONSABILITE QUANT AU  
CONTENU DU PRESENT DOCUMENT