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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3042356

UBMISSION TYPE:		NEW ASSIGNMENT			
IATURE OF CONVEYA	ICE: ASSIGNMENT				
CONVEYING PARTY D	ΑΤΑ				
		Name			Execution Date
JILL C. MILNE					04/24/2012
MICHAEL R. JIROUSEK					04/24/2012
JEAN E. BEMIS			04/24/2012		
CHI B. VU					04/24/2012
AMAL TING				04/24/2012	
RECEIVING PARTY DA	ТА				
Name:	CATAB	ASIS PHARMACEUTICALS,	INC.		
Street Address:	ONE KENDALL SQUARE				
City:	CAMBRIDGE				
State/Country:	MASSACHUSETTS				
Postal Code:	02139				
PROPERTY NUMBERS	Total: 1				
Property Type		Number			
		Number 14258889			
Property Type					
Property Type Application Number:	ΑΤΑ				
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ASSIGNMENT

Jill C. Milne, residing at 169 Mason Terrace, Brookline, MA 02446, Michael R. Jirousek, residing at 285 Third Street, Apt. 404, Cambridge, MA 02142, Jean E. Bemis, residing at 256 Appleton Street, Arlington, MA 02476, Chi B. Vu, residing at 79 Bay State Road, Arlington, MA 02474, and Amal Ting, residing at 38 Knowles Street, Newton, MA 02459 (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent of the United States, entitled <u>FATTY</u> ACID NIACIN CONJUGATES AND THEIR USES, and which is a:

- (1) provisional application
 - (a) to be filed herewith; or
 - (b) bearing Application No. , and filed on ; or

(2) on non-provisional application

- (a) [] to be filed herewith; or
- (b) bearing Application No. 13/451,217, and filed on
 - April 19, 2012.

WHEREAS, Catabasis Pharmaceuticals, Inc., a corporation duly organized under and pursuant to the laws of Delaware and having its principal place of business at One Kendall Square, Cambridge, MA 02139 (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention; the application for patent identified in paragraph (1) or (2); the right to file applications for patent of the United States or other countries on the Invention; any application for patent of the United States or other damages, including royalties, for prior infringements of these applications; and any patent of the United States or other countries that may be granted therefor or thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

(a) the Invention(s);

(b) the application for patent identified in paragraph (1) or (2);

(c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Paris Convention for the Protection of Industrial Property and under the Patent Cooperation Treaty;

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(d) any application(s) for patent of the United States or other countries claiming the Invention(s);

(e) any application(s) for patent of the United States or other countries claiming priority to the application for patent identified in paragraph (1) or (2) or any application(s) for patent claiming the invention(s), including any division(s), continuation(s), and continuation(s)-in-part; and

(f) any provisional or other right to recover damages, including royalties, for prior infringements of any application for patent identified in the preceding paragraphs (b)-(e); and

(g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b) - (e), including any reissue(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said applications, and said patents, including interference proceedings, without charge to the Assignor, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

The Assignor hereby authorizes and requests the attorneys of COOLEY LLP to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application identified in paragraph (1) or (2) when known.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

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PATENT REEL: 033838 FRAME: 0244

Date: 24 April 2012 By: See Cillune JIII C. MILNE	
State of <u>Magsachuterrs</u>) ss. County of <u>Midd LESCX</u>) On <u>477472012</u> , before me, <u>Amy Lynch</u> Notary Public, personally appeared <u>J'III C. Milme</u> personally known to me or proved to me on the basis of satisfactory evidence, to be th person(s) whose name(s) is/are subscribed to the within instrument and acknowledged t me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.	o at
WITNESS my hand and official seal. Signature of Notary Public Place Notary Seal Above My Commission Expires: June 29, 2018 My Commission Expires: June 29, 2018 My Commission Expires: June 29, 2018	C

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Date: 04/24/2012 By: Michael R. JIROUSEK	
State of <u>Massachusenes</u> State of <u>Middle Sex</u> On <u>Middle Sex</u> On <u>Middle Sex</u> Middle Sex Middle Middle M	
WITNESS my hand and official seal. Signature of Notary Public Place Notary Seal Above AMY V. LYN	
My Commission Expires: <u>June 29, 2018</u> My Commission Expires: <u>My Commission</u> My Commission Expires: <u>June 29, 2018</u>	2] Sachusetts Xdheb

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Date: 24 April 12- By: Jea	n E. BEMIS
State of <u>Massuchuseths</u>) State of <u>Massuchuseths</u>) County of <u>Middlesck</u>) On <u>Middlesck</u>) On <u>Middlesck</u>) Notary Public, personally appeared <u>Ilan Berniz</u> personally known to me or proved to me on the basis of satisfactor person(s) whose name(s) is/are subscribed to the within instrument me that he/she/they executed the same in his/her/their authorized by his/her/their signature(s) on the instrument the person(s), or the which the person(s) acted, executed the instrument.	t and acknowledged to capacity(ies), and that
WITNESS my hand and official seal. Signature of Notary Public Place My Commission Expires: JML 29, 2018	e Notary Seal Above Akty V. LYNCH Notary Public Cossionsmeatth of Massachusetts My Conveniences June 28, 2018

Date: 4/24/2012 By:ChrB. VU	
State of <u>M&SSACHABERTS</u>) State of <u>M&SSACHABERTS</u>) County of <u>MiddleSex</u>) On <u>412412012</u> , before me, <u>Amy Myrch</u> Notary Public, personally appeared <u>Chi Vh</u> personally known to me or proved to me on the basis of satisfactory evidence, to be person(s) whose name(s) is/are subscribed to the within instrument and acknowledged me that he/she/they executed the same in his/her/their authorized capacity(ies), and t	hat
by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf which the person(s) acted, executed the instrument.	of
WITNESS my hand and official seal.	
Signature of Notary Public Place Notary Seal Above	
My Commission Expires: <u>JULE 29, 2018</u> My Conversion My Conversion My Conversion June 29	LYNCH Public Isussachusetts kon Expires . 2018

Date: 4/24/12 By:	TRUTING
State of Massichuserts) County of Middlesex	
On <u>4292017</u> before me, <u>Anny U</u> Notary Public, personally appeared <u>Annal Theg</u> personally known to me or proved to me on the basis of satisfactor person(s) whose name(s) is/are subscribed to the within instrument me that he/she/they executed the same in his/her/their authorized c by his/her/their signature(s) on the instrument the person(s), or the	y evidence, to be the and acknowledged to apacity(ies), and that
which the person(s) acted, executed the instrument.	
WITNESS my hand and official seal.	
Signature of Notary Public Place	Notary Seal Above
My Commission Expires: JUL 29, 2018	AMY V. LYNCH Notary Public COMMONWEALTH OF MASSACHUSETTS My Commission Expires June 29, 2018

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RECORDED: 09/29/2014