

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4841375

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ALISTAIR J STEWART	03/15/2017
BENJAMIN A MAYES	03/28/2017
ADEL M MOUSSA	03/16/2017
RECEIVING PARTY DATA	
Name:	IDENIX PHARMACEUTICALS LLC
Street Address:	320 BENT STREET
Internal Address:	FLOOR 4
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02141
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15519846
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>	
Email:	us_efs@merck.com
Correspondent Name:	MERCK SHARP & DOHME CORP.
Address Line 1:	126 EAST LINCOLN AVE
Address Line 4:	RAHWAY, NEW JERSEY 07065
ATTORNEY DOCKET NUMBER:	23849
NAME OF SUBMITTER:	TANYA L TORRES
SIGNATURE:	/Tanya L. Torres/
DATE SIGNED:	02/27/2018
Total Attachments: 9	
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WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

- (1) Alistair J. Stewart, located at Wayland, Massachusetts,
- (2) Benjamin A. Mayes, located at Boston, Massachusetts,
- (3) Adel M. Moussa, located at Burlington, Massachusetts,

(hereinafter ASSIGNOR(S)), together with Bryon L. Simmons, located at Hamilton, NJ, Kevin R. Campos, located at Berkeley Heights, NJ, Artis Klapars, located at Edison, NJ, Peter E. Maligres, located at Fanwood, NJ, Alan Hyde, located at Jersey City, NJ, Steven Mark Silverman, located at Jersey City, NJ, Yong-Li Zhong, located at Edison, NJ, Kenneth Baker, located at Syracuse, New York, and Kara Van Valkenburg, located at Syracuse, New York, are the inventors of the invention described in an application for Patents having the Attorney Docket Number indicated above and the following Title of the Invention:

PROCESS FOR MAKING NUCLEOSIDE PHOSPHORAMIDATE COMPOUNDS

and in the following application(s):

U.S. Provisional Application No. 62/066,049 filed on 10/20/2014;
U.S. Provisional Application No. 62/130,834 filed on 03/10/2015;
U.S. Application No. _____ having a filing date of _____; and
PCT International Application No. PCT/US2015/056333 having a filing date of 10/20/2015.

WHEREAS I/WE covenant that the rights and property herein conveyed are free and clear of any encumbrance, and that I/we have the full right to convey the same as herein expressed.

WHEREAS, IDENIX Pharmaceuticals LLC, a company organized under the laws of the United States, having an office at 320 Bent Street, Floor 4, Cambridge, Massachusetts 02141, and its successors, assigns and legal representatives (hereinafter **ASSIGNEE**), is desirous of obtaining the entire right, title and interest in, to and under the invention disclosed in said application or applications;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I/we, said ASSIGNOR(S), do each hereby sell, assign and transfer or confirm the grant and assignment to said **ASSIGNEE** my/our entire right, title and interest in all countries of the world in and to my/our invention described in said application for Patents, in and to the right to file patent applications in the name of **ASSIGNEE**, its designee, or in any or all of our names, at its election, on the aforesaid invention in all countries of the world, together with all rights of priority in the aforesaid countries deriving from the above-identified application for Patents under the International Convention for the Protection of Industrial Property, under the Inter-American Convention relating to Inventions, Patents, Designs and Industrial Models and under any other international arrangement relating to patents or intellectual property, in and to any and all Letters Patent that are granted from the aforesaid application for Patents, in and to any applications claiming priority benefits to a provisional patent application or other applications filed on said invention, and in and to any continuations, divisions, reexaminations, reissues, renewals and extensions thereof of any of said Letters Patent, the same to be held and enjoyed by said **ASSIGNEE**, to the full ends of the terms for which all Letters Patent therefore may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

AND I/WE HEREBY covenant and agree that we will at any time, upon the request and at the expense of **ASSIGNEE**, without further compensation or charge to said **ASSIGNEE**, execute and deliver any and all documents that may be necessary or desirable to perfect the title to the foregoing invention, patent applications, and Letters Patent and continuations, divisions, reexaminations, reissues, renewals and extensions thereof in the name of **ASSIGNEE**, including the execution and procurement of any and all further documents evidencing this assignment and sale as may be necessary or desirable for recording the same in the Patent Office of any country concerned, and will make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein.

I/WE HEREBY authorize **ASSIGNEE** to insert in this instrument the Application Number(s) and the filing date(s) of said application for Patents when officially notified thereof.

This document may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such components shall together constitute but one and the same document.

Executed this 15 day of MARCH, 2017.

Alistair J. Stewart

Alistair J. Stewart

ACKNOWLEDGEMENT

Commonwealth of Massachusetts

County Name, ss. MIDDLESEX

On this 15 day of MARCH, 2017, before me, the undersigned notary public, personally appeared Alistair J. Stewart, proved to me through satisfactory evidence of identification, which was MASSACHUSETTS DRIVERS LICENSE to be the person whose name is signed on the preceding document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.



[Signature]

Notary Public:
My Commission Expires: 17 JULY 2020

Executed this ____ day of _____, 20____.

Benjamin A. Mayes

ACKNOWLEDGEMENT

Commonwealth of Massachusetts

County Name, ss. _____

On this _____ day of _____, 20____, before me, the undersigned notary public, personally appeared Benjamin A. Mayes, proved to me through satisfactory evidence of identification, which was _____, to be the person whose name is signed on the preceding document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Notary Public:
My Commission Expires: _____

Executed this ____ day of _____, 20__.

Adel M. Moussa

ACKNOWLEDGEMENT

Commonwealth of Massachusetts

County Name, ss. _____

On this _____ day of _____, 20__, before me, the undersigned notary public, personally appeared **Adel M. Moussa**, proved to me through satisfactory evidence of identification, which was _____, to be the person whose name is signed on the preceding document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Notary Public:
My Commission Expires: _____

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

- (1) Alistair J. Stewart, located at Wayland, Massachusetts,
- (2) Benjamin A. Mayes, located at Boston, Massachusetts,
- (3) Adel M. Moussa, located at Burlington, Massachusetts,

(hereinafter ASSIGNOR(S)), together with Bryon L. Simmons, located at Hamilton, NJ, Kevin R. Campos, located at Berkeley Heights, NJ, Artis Klapars, located at Edison, NJ, Peter E. Maligres, located at Fanwood, NJ, Alan Hyde, located at Jersey City, NJ, Steven Mark Silverman, located at Jersey City, NJ, Yong-Li Zhong, located at Edison, NJ, Kenneth Baker, located at Syracuse, New York, and Kara Van Valkenburg, located at Syracuse, New York, are the inventors of the invention described in an application for Patents having the Attorney Docket Number indicated above and the following Title of the Invention:

PROCESS FOR MAKING NUCLEOSIDE PHOSPHORAMIDATE COMPOUNDS

and in the following application(s):

U.S. Provisional Application No. 62/066,049 filed on 10/20/2014;
U.S. Provisional Application No. 62/130,834 filed on 03/10/2015;
U.S. Application No. _____ having a filing date of _____; and
PCT International Application No. PCT/US2015/056333 having a filing date of 10/20/2015.

WHEREAS I/WE covenant that the rights and property herein conveyed are free and clear of any encumbrance, and that I/we have the full right to convey the same as herein expressed.

WHEREAS, IDENIX Pharmaceuticals LLC, a company organized under the laws of the United States, having an office at 320 Bent Street, Floor 4, Cambridge, Massachusetts 02141, and its successors, assigns and legal representatives (hereinafter **ASSIGNEE**), is desirous of obtaining the entire right, title and interest in, to and under the invention disclosed in said application or applications;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I/we, said ASSIGNOR(S), do each hereby sell, assign and transfer or confirm the grant and assignment to said **ASSIGNEE** my/our entire right, title and interest in all countries of the world in and to my/our invention described in said application for Patents, in and to the right to file patent applications in the name of **ASSIGNEE**, its designee, or in any or all of our names, at its election, on the aforesaid invention in all countries of the world, together with all rights of priority in the aforesaid countries deriving from the above-identified application for Patents under the International Convention for the Protection of Industrial Property, under the Inter-American Convention relating to Inventions, Patents, Designs and Industrial Models and under any other international arrangement relating to patents or intellectual property, in and to any and all Letters Patent that are granted from the aforesaid application for Patents, in and to any applications claiming priority benefits to a provisional patent application or other applications filed on said invention, and in and to any continuations, divisions, reexaminations, reissues, renewals and extensions thereof of any of said Letters Patent, the same to be held and enjoyed by said **ASSIGNEE**, to the full ends of the terms for which all Letters Patent therefore may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

AND I/WE HEREBY covenant and agree that we will at any time, upon the request and at the expense of **ASSIGNEE**, without further compensation or charge to said **ASSIGNEE**, execute and deliver any and all documents that may be necessary or desirable to perfect the title to the foregoing invention, patent applications, and Letters Patent and continuations, divisions, reexaminations, reissues, renewals and extensions thereof in the name of **ASSIGNEE**, including the execution and procurement of any and all further documents evidencing this assignment and sale as may be necessary or desirable for recording the same in the Patent Office of any country concerned, and will make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein.

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Executed this ____ day of _____, 20__.

Alistair J. Stewart

ACKNOWLEDGEMENT

Commonwealth of Massachusetts

County Name, ss. _____

On this _____ day of _____, 20__, before me, the undersigned notary public, personally appeared **Alistair J. Stewart**, proved to me through satisfactory evidence of identification, which was _____, to be the person whose name is signed on the preceding document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Notary Public:
My Commission Expires: _____

Executed this 28 day of MARCH, 2017.

[Signature]

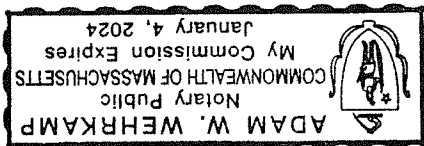
Benjamin A. Mayes

ACKNOWLEDGEMENT

Commonwealth of Massachusetts

County Name, ss. Suffolk

On this 28 day of March, 2017, before me, the undersigned notary public, personally appeared **Benjamin A. Mayes**, proved to me through satisfactory evidence of identification, which was Driver's license, to be the person whose name is signed on the preceding document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.



[Signature]

Notary Public:
My Commission Expires: 01/04/2024

Executed this ____ day of _____, 20__.

Adel M. Moussa

ACKNOWLEDGEMENT

Commonwealth of Massachusetts

County Name, ss. _____

On this _____ day of _____, 20__, before me, the undersigned notary public, personally appeared **Adel M. Moussa**, proved to me through satisfactory evidence of identification, which was _____, to be the person whose name is signed on the preceding document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Notary Public:
My Commission Expires: _____

WORLDWIDE ASSIGNMENT

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Executed this ____ day of _____, 20__.

Alistair J. Stewart

ACKNOWLEDGEMENT

Commonwealth of Massachusetts

County Name, ss. _____

On this _____ day of _____, 20__, before me, the undersigned notary public, personally appeared **Alistair J. Stewart**, proved to me through satisfactory evidence of identification, which was _____, to be the person whose name is signed on the preceding document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Notary Public:
My Commission Expires: _____

Executed this ____ day of _____, 20__.

Benjamin A. Mayes

ACKNOWLEDGEMENT

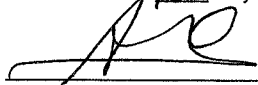
Commonwealth of Massachusetts

County Name, ss. _____

On this _____ day of _____, 20__, before me, the undersigned notary public, personally appeared **Benjamin A. Mayes**, proved to me through satisfactory evidence of identification, which was _____, to be the person whose name is signed on the preceding document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Notary Public:
My Commission Expires: _____

Executed this 16 day of 03, 2017



Adel M. Moussa

ACKNOWLEDGEMENT

Commonwealth of Massachusetts

County Name, ss. Suffolk

On this 16th day of March, 2017, before me, the undersigned notary public, personally appeared **Adel M. Moussa**, proved to me through satisfactory evidence of identification, which was Massachusetts Driver's License, to be the person whose name is signed on the preceding document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.



Notary Public:

My Commission Expires: _____

