PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Dominique Surleraux	05/12/2010
Thierry Convard	05/12/2010
Francois-Rene Alexandre	05/12/2010
Christophe Claude Parsy	05/12/2010
Jean-Christophe Meillon	05/17/2010
Frederic Leroy	05/04/2010
Michel Derock	05/05/2010

RECEIVING PARTY DATA

Name:	Idenix Pharmaceuticals, Inc.		
Street Address:	60 Hampshire Street		
City:	Cambridge		
State/Country:	MASSACHUSETTS		
Postal Code:	02139		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13738893

CORRESPONDENCE DATA

Fax Number: 8583141150

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 858-314-1200

Email: cquatrino@jonesday.com, MVdiaz@jonesday.com

Correspondent Name: JONES DAY Address Line 1: 222 East 41st Street

Address Line 4: New York, NEW YORK 10017-6702

ATTORNEY DOCKET NUMBER:	11874-283-999/417451-283
	PATENT

REEL: 029989 FRAME: 0939

NAME OF SUBMITTER: Christina Quatrino Total Attachments: 7 source=11874-283-999_Assignment#page1.tif source=11874-283-999_Assignment#page2.tif source=11874-283-999_Assignment#page3.tif source=11874-283-999_Assignment#page4.tif source=11874-283-999_Assignment#page5.tif source=11874-283-999_Assignment#page6.tif source=11874-283-999_Assignment#page7.tif

PATENT REEL: 029989 FRAME: 0940

WHEREAS, I, DOMINIQUE SURLERAUX, a citizen of Belgium, residing at rue de la Scaillee 13, 1440 Wauthier-Braine, Belgium, ASSIGNOR, am an inventor of the invention in MACROCYCLIC SERINE PROTEASE INHIBITORS for which I have executed an application for a Patent of the United States

- ☑ Which is identified by Jones Day docket no. 11874-221-999
- Which was filed on April 7, 2010, Application No. 12/756,082

and WHEREAS, IDENIX PHARMACEUTICALS, INC., located at 60 Hampshire Street, Cambridge, MA 02139, ASSIGNEE, is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof.

AND I HEREBY authorize and request the Commissioner for Patents and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal the day and year set opposite my respective signature.

L.S.

<u>BPHVO Hon</u> Witness

WITNESS

Hay Katig

WHEREAS, I, THIERRY CONVARD, a citizen of France, residing at 7 avenue de Bel Air, 69580 Sathonay-Camp, France, ASSIGNOR, am an inventor of the invention in MACROCYCLIC SERINE PROTEASE INHIBITORS for which I have executed an application for a Patent of the United States

- Which is identified by Jones Day docket no. 11874-221-999
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NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof.

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal the day and year set opposite my respective signature.

Date 12 Hag ,2010

THIERRY CONVARD

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RPAYO Anno

WITNESS

Page 1 of 1

PATENT REEL: 029989 FRAME: 0942

WHEREAS, I, FRANCOIS-RENE ALEXANDRE, a citizen of France, residing at Residence Occitanie, 200 avenue du Major Flandre, 34090 Montpellier, France, ASSIGNOR, am an inventor of the invention in MACROCYCLIC SERINE PROTEASE INHIBITORS for which I have executed an application for a Patent of the United States

- ☑ Which is identified by Jones Day docket no. 11874-221-999
- Which was filed on April 7, 2010, Application No. 12/756,082

and WHEREAS, IDENIX PHARMACEUTICALS, INC., located at 60 Hampshire Street, Cambridge, MA 02139, ASSIGNEE, is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States, application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof.

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal the day and year set opposite my respective signature.

Date $\frac{ll^{rq}}{lcu}$, 2010

FRANÇOIS-RENE ALEXANDRE

BRAVO Anne- Caralina

WITNESS

Hay Kalia

WHEREAS, I, CHRISTOPHE CLAUDE PARSY, a citizen of France, residing at 6 Rue des Cedres, 34830 Jacou, France, ASSIGNOR, am an inventor of the invention in MACROCYCLIC SERINE PROTEASE INHIBITORS for which I have executed an application for a Patent of the United States

- ₩ Which is identified by Jones Day docket no. 11874-221-999
- Which was filed on April 7, 2010, Application No. 12/756,082

and WHEREAS, IDENIX PHARMACEUTICALS, INC., located at 60 Hampshire Street, Cambridge, MA 02139, ASSIGNEE, is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof.

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal the day and year set opposite my respective signature.

WITNESS

Date 12th Mary, , 2010

CHRISTOPHE CLAUDE PARSY

20ALD Anno- Callerine

BLAVO Anne- Colhein

WHEREAS, I, JEAN-CHRISTOPHE MEILLON, a citizen of France, residing at 1036 avenue de Fes, 34080 Montpellier, France, ASSIGNOR, am an inventor of the invention in MACROCYCLIC SERINE PROTEASE INHIBITORS for which I have executed an application for a Patent of the United States

- ☑ Which is identified by Jones Day docket no. 11874-221-999
- Which was filed on April 7, 2010, Application No. 12/756,082

and WHEREAS, IDENIX PHARMACEUTICALS, INC., located at 60 Hampshire Street, Cambridge, MA 02139, ASSIGNEE, is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof.

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal the day and year set opposite my respective signature.

Date	nA7171	, 2010	JEAN-CHRISTOPHE MEILLON	L.S.
			WITNESS Hay Katia.	_
			WITNESS BRAYO Anna-Cal	Flerine

WHEREAS, I, FREDERIC LEROY, a citizen of France, residing at 5 rue de la Clairette, 34570 Montarnaud, France, ASSIGNOR, am an inventor of the invention in MACROCYCLIC SERINE PROTEASE INHIBITORS for which I have executed an application for a Patent of the United States

- ☑ Which is identified by Jones Day docket no. 11874-221-999
- ₩ Which was filed on April 7, 2010, Application No. 12/756,082

and WHEREAS, IDENIX PHARMACEUTICALS, INC., located at 60 Hampshire Street, Cambridge, MA 02139, ASSIGNEE, is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States, application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof.

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal the day and year set opposite my respective signature.

Date # 1 019 , 2010

FREDERIC LEROY

L.S.

WITNESS

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PATENT REEL: 029989 FRAME: 0946

WHEREAS, I, MICHEL DEROCK, a citizen of France, residing at 135 rue du Gour, 34790 Grabels, France, ASSIGNOR, am an inventor of the invention in MACROCYCLIC SERINE PROTEASE INHIBITORS for which I have executed an application for a Patent of the United States

- Which is identified by Jones Day docket no. 11874-221-999
- Which was filed on April 7, 2010, Application No. 12/756,082

and WHEREAS, IDENIX PHARMACEUTICALS, INC., located at 60 Hampshire Street, Cambridge, MA 02139, ASSIGNEE, is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof.

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal the day and year set opposite my respective signature.

Date _	05105	, 2010	THE STATE OF THE S	L.S.
			witness Haw Hay Katia,	
			WITNESS BRAVO Anne-(athenne

Page 1 of 1