

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Constantine G. Booramra</td> <td>09/05/2007</td> </tr> <tr> <td>Kuei-Ying Lin</td> <td>09/06/2007</td> </tr> <tr> <td>Richard L. Mackman</td> <td>09/05/2007</td> </tr> <tr> <td>David Y. Markevitch</td> <td>06/27/2007</td> </tr> <tr> <td>Oleg V. Petrakovsky</td> <td>08/31/2007</td> </tr> <tr> <td>Adrian S. Ray</td> <td>09/05/2007</td> </tr> <tr> <td>Lijun Zhang</td> <td>09/05/2007</td> </tr> </tbody> </table>		Name	Execution Date	Constantine G. Booramra	09/05/2007	Kuei-Ying Lin	09/06/2007	Richard L. Mackman	09/05/2007	David Y. Markevitch	06/27/2007	Oleg V. Petrakovsky	08/31/2007	Adrian S. Ray	09/05/2007	Lijun Zhang	09/05/2007
Name	Execution Date																
Constantine G. Booramra	09/05/2007																
Kuei-Ying Lin	09/06/2007																
Richard L. Mackman	09/05/2007																
David Y. Markevitch	06/27/2007																
Oleg V. Petrakovsky	08/31/2007																
Adrian S. Ray	09/05/2007																
Lijun Zhang	09/05/2007																
RECEIVING PARTY DATA																	
Name:	GILEAD SCIENCES, INC.																
Street Address:	333 Lakeside Drive																
City:	Foster City																
State/Country:	CALIFORNIA																
Postal Code:	94404																
PROPERTY NUMBERS Total: 1																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11658419</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11658419												
Property Type	Number																
Application Number:	11658419																
CORRESPONDENCE DATA																	
Fax Number:	(650)522-5575																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone:	650-522-1963																
Email:	dmacedo@gilead.com																
Correspondent Name:	GILEAD SCIENCES, INC.																
Address Line 1:	333 Lakeside Drive																
Address Line 4:	Foster City, CALIFORNIA 94404																
ATTORNEY DOCKET NUMBER:	627.PFUS																

CH \$40.00 11658419

NAME OF SUBMITTER:

Barry F. McGurl

Total Attachments: 8

source=Assignment#page1.tif

source=Assignment#page2.tif

source=Assignment#page3.tif

source=Assignment#page4.tif

source=Assignment#page5.tif

source=Assignment#page6.tif

source=Assignment#page7.tif

source=Assignment#page8.tif

ASSIGNMENT

WHEREAS, We, Constantine G. Boojamra, residing at 1 Worth Street, San Francisco, California 94114, and Kuei-Ying Lin, residing at 1441 Ramon Drive, Sunnyvale, California 94087, and Richard L. Mackman, residing at 360 Ashton Avenue, Millbrae, California 94030, and David Y. Markevitch, residing at 10930 Ashton Avenue, Apt. 404, Los Angeles, California 90024, and Oleg V. Petrakovsky, residing at 1301 Palos Verdes, Apt. 6, San Mateo, California 94403, and Adrian S. Ray, residing at 19 Pilot Circle, Redwood City, California 94065, and Lijun Zhang, residing at 12525 Minorca Ct., Los Altos Hills, California 94022, and made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States which application was assigned U.S. Patent application number 11/658,419 and the international filing date of July 26, 2005 and is entitled PHOSPHONATE ANALOGS OF HIV INHIBITOR COMPOUNDS.

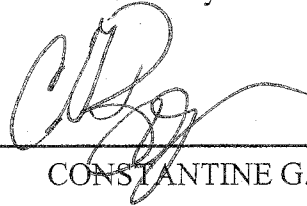
AND WHEREAS, GILEAD SCIENCES, INC., a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 333 Lakeside Drive, Foster City, CA 94404 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 5 day of September, 2007.



CONSTANTINE G. BOOJAMRA

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2007.

KUEI-YING LIN

IN TESTIMONY WHEREOF, I have hereunto set my hand this 5 day of September 2007.



RICHARD L. MACKMAN

IN TESTIMONY WHEREOF, I have hereunto set my hand this 27 day of June, 2007.



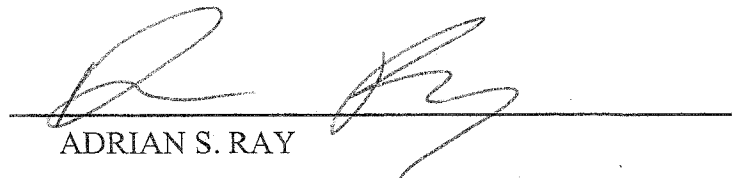
DAVID Y. MARKEVITCH

IN TESTIMONY WHEREOF, I have hereunto set my hand this 31st day of August, 2007.



OLEG V. PETRAKOVSKY

IN TESTIMONY WHEREOF, I have hereunto set my hand this 5 day of September, 2007.



ADRIAN S. RAY

IN TESTIMONY WHEREOF, I have hereunto set my hand this 5 day of Sept.,
2007.



LIJUN ZHANG

ASSIGNMENT

WHEREAS, We, Constantine G. Booramra, residing at 1 Worth Street, San Francisco, California 94114, and Kuei-Ying Lin, residing at 1441 Ramon Drive, Sunnyvale, California 94087, and Richard L. Mackman, residing at 360 Ashton Avenue, Millbrae, California 94030, and David Y. Markevitch, residing at 10930 Ashton Avenue, Apt. 404, Los Angeles, California 90024, and Oleg V. Petrakovsky, residing at 1301 Palos Verdes, Apt. 6, San Mateo, California 94403, and Adrian S. Ray, residing at 19 Pilot Circle, Redwood City, California 94065, and Lijun Zhang, residing at 12525 Minorca Ct. Los Altos Hills, California 94022, and made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States which application was assigned U.S. Patent application number 11/658,419 and the international filing date of July 26, 2005 and is entitled PHOSPHONATE ANALOGS OF HIV INHIBITOR COMPOUNDS.

AND WHEREAS, GILEAD SCIENCES, INC., a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 333 Lakeside Drive, Foster City, CA 94404 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____,
2007.

CONSTANTINE G. BOOJAMRA

IN TESTIMONY WHEREOF, I have hereunto set my hand this 6 day of Sept.,
2007.


KUEI-YING LIN

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____,
2007.

RICHARD L. MACKMAN

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____,
2007.

DAVID Y. MARKEVITCH

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____,
2007.

OLEG V. PETRAKOVSKY

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____,
2007.

ADRIAN S. RAY

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____,
2007.

LIJUN ZHANG