

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Xiaodong Xu	02/07/2013
RECEIVING PARTY DATA	
Name:	Institute for Hepatits and Virus Research
Street Address:	3805 Old Easton Road
City:	Doylestown
State/Country:	PENNSYLVANIA
Postal Code:	18902
PROPERTY NUMBERS Total: 1	
Property Type	Number
PCT Number:	US2012044775
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NAME OF SUBMITTER:	Joseph F. Aceto
Total Attachments: 2 source=Xiaodong Xu#page1.tif source=Xiaodong Xu#page2.tif	

OP \$40.00 US2012044775

ASSIGNMENT

WHEREAS, I **Xiaodong Xu**, residing at **4564 Summer Hill Drive, Doylestown, PA 18902**, United States of America (hereinafter referred to as, "the Assignor") am the inventor of certain invention(s) or improvement(s) for which I have made or will make application(s) for Letters Patent to the United States of America, identified as, PCT Application No. **PCT/US12/44775** filed on **July 1, 2012** entitled "**Sulfamoylbenzamide Derivatives as Antiviral Agents against HBV Infection.**"

WHEREAS, the **Institute for Hepatitis and Virus Research**, 3805 Old Easton Road, Doylestown, PA 18902, United States of America, is desirous of acquiring the entire right, title and interest in and to the said invention(s) or improvement(s) and in and to the said application(s), and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to me in hand paid by said assignee, and other 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 to said assignee, the entire right, title and interest in and to said invention(s) or improvement(s) and said application(s) including the right to claim priority to the application(s) in any application entitled to claim such priority under national law, international conventions, treaties or otherwise, and any and all continuations, divisions and renewals of and substitutes for said application(s), and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in my name applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me had this assignment, sale and transfer not been made.

AND I hereby covenant 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 further covenant and agree that I will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application(s) and said Letters Patent to said assignee, its successors, assigns, nominees, or legal representatives, and I agree to communicate to said assignee or to its nominee all known facts respecting said invention(s) or improvement(s), said application(s) and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing,

reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said invention(s) or improvement(s) in any and all countries.

AND I hereby authorize and request the Director - U.S. Patent and Trademark Office to issue to said Assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States of America which may be issued and granted on or as a result of the application(s) aforesaid, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, I have hereunto set my hand and seal.

Legal Signature: [Handwritten Signature]

Name: XIAODONG XU

Date: 01/02/2013

Notarial Certificate

State of Pa)

County Bucks)

Before me personally appeared Xiaodong Xu who acknowledged the foregoing instrument to be a free act and deed and also represented that he is authorized to execute the same the 7 day of Feb, in the year 2013.

[Handwritten Signature]
Notary Public

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Karen S. High, Notary Public
Tinsicum Twp., Bucks County
My Commission Expires Nov. 9, 2014
Member, Pennsylvania Association of Notaries