

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Gabor Butora</td><td>07/17/2006</td></tr><tr><td>Malcolm MacCoss</td><td>07/17/2006</td></tr><tr><td>Daniel R. McMasters</td><td>07/17/2006</td></tr><tr><td>Lihu Yang</td><td>07/17/2006</td></tr><tr><td>Kenneth Alan Koeplinger</td><td>07/13/2006</td></tr><tr><td>David B. Olsen</td><td>07/13/2006</td></tr></tbody></table>		Name	Execution Date	Gabor Butora	07/17/2006	Malcolm MacCoss	07/17/2006	Daniel R. McMasters	07/17/2006	Lihu Yang	07/17/2006	Kenneth Alan Koeplinger	07/13/2006	David B. Olsen	07/13/2006
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David B. Olsen	07/13/2006														
RECEIVING PARTY DATA															
Name:	Merck & Co., Inc														
Street Address:	P.O. Box 2000														
Internal Address:	RY 60-30														
City:	Rahway														
State/Country:	NEW JERSEY														
Postal Code:	07065-0907														
PROPERTY NUMBERS Total: 1															
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11990051</td></tr></tbody></table>		Property Type	Number	Application Number:	11990051										
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CORRESPONDENCE DATA															
Fax Number:	(732)594-4720														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	732-594-3462														
Email:	US_efs@merck.com														
Correspondent Name:	Kenneth R. Walton														
Address Line 1:	P.O. Box 2000														
Address Line 2:	RY 60-30														
Address Line 4:	Rahway, NEW JERSEY 07065-0907														
ATTORNEY DOCKET NUMBER:	21980														

CH \$40.00 11990051

501002281

PATENT
REEL: 023447 FRAME: 0315

NAME OF SUBMITTER:

Kenneth R. Walton

Total Attachments: 4

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Attorney Docket Number 21980

U.S. Serial No. 11/990,051Filing Date 02/05/2008PCT Appl. No. PCT/US2006/030549Filing Date 08/04/2006**ASSIGNMENT AND AGREEMENT**

For value received, we, Gabor Butora, Malcolm MacCoss, Daniel R. McMasters, and Lihu Yang

of 650 Stangle Road, Martinsville, New Jersey 08836; 48 Rose Court, Freehold, New Jersey 07728; 29 West 65th Street, Apt 2H, New York, New York 10023-6635; and 3 Watson Court, Edison, New Jersey 08820

hereby sell, assign and transfer to MERCK & CO., Inc., a corporation of the State of New Jersey, having an office at Lincoln Avenue, City of Rahway, State of New Jersey, and its successors, assigns and legal representatives, our entire right, title and interest, for all countries, in and to certain inventions relating to

ACETAL DERIVATIVES FOR THE TREATMENT OF RNA-DEPENDENT RNA-VIRAL INFECTION

described in an application for Patents having Attorney Docket Number 21980 and in application(s) Serial No. 60/706,708
filed on 08/09/2005 ; Serial No. filed on ; Serial No.
filed on (if applicable),

and all our rights and privileges, including any and all benefits under the International Convention for the Protection of Industrial Property, under any and all Patents which may be granted therefor, and under any and all extensions, divisionals, reissues and continuations of said application for Patents, including any foreign applications derived therefrom, equivalent thereto or claiming priority thereof.

We request that any and all Patents for said inventions be issued to said assignee, its successor, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining Patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

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 counterparts shall together constitute but one and the same document.

We hereby authorize our attorney, Philippe L. Durette or an attorney with Power of Attorney in this application, of the said MERCK & CO., Inc., to insert **Serial No. (s)**, **PCT Appl. No. (s)** and **Filing Date (s)** of said application(s) when known.

Attorney Docket Number 21980

ASSIGNMENT AND AGREEMENT

U.S. Serial No. 11/990,051Filing Date 02/05/2008PCT Appl. No. PCT/US2006/030549Filing Date 08/04/2006Signed at Rahway, NJ this 17th day of July, 2006.Gabor Butora
Gabor ButoraMalcolm MacCoss
Malcolm MacCossDaniel R. McMasters
Daniel R. McMastersLihu Yang
Lihu Yang

STATE OF NEW JERSEY

County of Union

SS.

Personally appeared before me the above-named Gabor Butora Malcolm MacCoss Daniel R. McMasters Lihu Yang

to me known and known to me to be the person(s) who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this 17th day of July, 2006.Pamela S. Spalding
Notary PublicPAMELA S SPALDING
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Jan. 6, 2009

Attorney Docket Number 21980

ASSIGNMENT AND AGREEMENT

U.S. Serial No. 11/990,051Filing Date 02/05/2008PCT Appl. No. PCT/US2006/030549Filing Date 08/04/2006

For value received, we, Kenneth Alan Koeplinger, and David B. Olsen

of 445 Stonemason Way, Lansdale, Pennsylvania 19446; and 1640 Quarry Road, Lansdale, Pennsylvania 19446-4307

hereby sell, assign and transfer to MERCK & CO., Inc., a corporation of the State of New Jersey, having an office at Lincoln Avenue, City of Rahway, State of New Jersey, and its successors, assigns and legal representatives, our entire right, title and interest, for all countries, in and to certain inventions relating to

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We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

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Attorney Docket Number 21980

ASSIGNMENT AND AGREEMENT

U.S. Serial No. 11/990,051Filing Date 02/05/2008PCT Appl. No. PCT/US2006/030549Filing Date 08/04/2006Signed at West Point, PA this 13 day of July, 2006.Kenneth Alan Koeplinger

Kenneth Alan Koeplinger

David B. Olsen

David B. Olsen

COMMONWEALTH OF PENNSYLVANIA

County of Montgomery } SS.

Personally appeared before me the above-named Kenneth Alan Koeplinger David B. Olsen

to me known and known to me to be the person(s) who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this 13 day of July, 2006.

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal

Gabrielle A. Gordon, Notary Public
Upper Gwynedd Twp., Montgomery County
My Commission Expires Nov. 26, 2009

Member, Pennsylvania Association of Notaries

Gabrielle A. Gordon
Notary Public