

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; margin-top: 10px;"> <thead> <tr> <th style="width: 70%; padding: 5px;">Name</th> <th style="width: 30%; padding: 5px;">Execution Date</th> </tr> </thead> <tbody> <tr><td style="padding: 5px;">ASHOK ARASAPPAN</td><td style="padding: 5px;">02/23/2005</td></tr> <tr><td style="padding: 5px;">F. GEORGE NJOROGÉ</td><td style="padding: 5px;">02/23/2005</td></tr> <tr><td style="padding: 5px;">KEVIN X. CHEN</td><td style="padding: 5px;">02/23/2005</td></tr> <tr><td style="padding: 5px;">FRANK BENNETT</td><td style="padding: 5px;">02/23/2005</td></tr> <tr><td style="padding: 5px;">MOUSUMI SANNIGRAHI</td><td style="padding: 5px;">02/23/2005</td></tr> <tr><td style="padding: 5px;">STEPHANE L. BOGEN</td><td style="padding: 5px;">02/23/2005</td></tr> <tr><td style="padding: 5px;">SRIKANTH VENKATRAMAN</td><td style="padding: 5px;">03/21/2005</td></tr> <tr><td style="padding: 5px;">VIYYOOR M. GIRIJAVALLABHAN</td><td style="padding: 5px;">02/03/2005</td></tr> </tbody> </table>		Name	Execution Date	ASHOK ARASAPPAN	02/23/2005	F. GEORGE NJOROGÉ	02/23/2005	KEVIN X. CHEN	02/23/2005	FRANK BENNETT	02/23/2005	MOUSUMI SANNIGRAHI	02/23/2005	STEPHANE L. BOGEN	02/23/2005	SRIKANTH VENKATRAMAN	03/21/2005	VIYYOOR M. GIRIJAVALLABHAN	02/03/2005
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RECEIVING PARTY DATA <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr><td style="width: 20%; padding: 5px;">Name:</td><td style="padding: 5px;">SCHERING CORPORATION</td></tr> <tr><td style="padding: 5px;">Street Address:</td><td style="padding: 5px;">2000 GALLOPING HILL ROAD</td></tr> <tr><td style="padding: 5px;">City:</td><td style="padding: 5px;">KENILWORTH</td></tr> <tr><td style="padding: 5px;">State/Country:</td><td style="padding: 5px;">NEW JERSEY</td></tr> <tr><td style="padding: 5px;">Postal Code:</td><td style="padding: 5px;">07033</td></tr> </table>		Name:	SCHERING CORPORATION	Street Address:	2000 GALLOPING HILL ROAD	City:	KENILWORTH	State/Country:	NEW JERSEY	Postal Code:	07033								
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PROPERTY NUMBERS Total: 1 <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 30%; padding: 5px;">Property Type</th> <th style="padding: 5px;">Number</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">Application Number:</td> <td style="padding: 5px;">11065531</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11065531														
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CORRESPONDENCE DATA <p style="margin-top: 10px;">Fax Number: (908)298-5388 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 908-298-5255 Email: shawn.m.armstrong@spcorp.com</p> <p>Correspondent Name: SCHERING-PLOUGH CORPORATION Address Line 1: 2000 GALLOPING HILL ROAD Address Line 2: K-6-1, 1990 Address Line 4: KENILWORTH, NEW JERSEY 07033</p>																			

CH \$40.00 11065531

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PATENT
REEL: 017299 FRAME: 0704

ATTORNEY DOCKET NUMBER:

IN06133US01

NAME OF SUBMITTER:

SHAWN ARMSTRONG

Total Attachments: 7

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(Joint)

PATENT CASE: IN06133US01

ASSIGNMENT

For good and valuable consideration paid to us,

(1) <u>Ashok Arasappan</u> ,	(7) <u>Stephane L. Bogen</u> ,
(2) <u>F. George Njoroge</u> ,	(8) <u>Srikanth Venkatraman</u> ,
(3) <u>Angela I. Padilla-Acevedo</u> ,	(9) <u>Edwin Jao</u> ,
(4) <u>Kevin X. Chen</u> ,	(10) <u>Anil K. Saksena</u> ,
(5) <u>Frank Bennett</u> ,	(11) <u>Viyoor M. Girjavallabhan</u> ,
(6) <u>Mousumi Sannigrahi</u> ,	

respectively residing at

(1) <u>Bridgewater, NJ</u> ,	(7) <u>Somerset, NJ</u> ,
(2) <u>Warren, NJ</u> ,	(8) <u>Woodbridge, NJ</u> ,
(3) <u>Austin, TX</u> ,	(9) <u>Dayton, MD</u> ,
(4) <u>Edison, NJ</u> ,	(10) <u>Upper Montclair, NJ</u> ,
(5) <u>Cranford, NJ</u> ,	(11) <u>Parsippany, NJ</u> ,
(6) <u>Summit, NJ</u> ,	

by **SCHERING CORPORATION**, a corporation organized under the laws of the State of New Jersey, United States of America, having its principal office at 2000 Galloping Hill Road, Kenilworth, New Jersey 07033, United States of America, (hereinafter called "**ASSIGNEE**"), we each do hereby sell, assign and transfer to said **ASSIGNEE** our entire rights, title and interest in all countries of the world in and to any and all of our inventions and discoveries described in the patent application entitled

"Novel Compounds as Inhibitors of Hepatitis C Virus NS3 Serine Protease"

and officially identified* by the United States Patent and Trademark Office as Application Number 11/065,531 filed on February 24, 2005, and/or by the World Intellectual Property Organization as International Patent Application Number PCT/US2005/005773 filed on February 24, 2005, 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 inventions and discoveries in all countries of the world, together with all rights of priority in the aforesaid countries deriving from the above-identified patent application 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 to which the United States now is or hereafter becomes a signatory, in and to any and all Letters Patent that are granted from any of the aforesaid patent applications, in and to any applications claiming priority benefits to a provisional patent application or other applications filed on said inventions, and in and to any continuations, divisions, reissues, renewals and extensions thereof of any of said Letters Patent, the same to be held and enjoyed by said **ASSIGNEE**, its successors, assigns and other legal representatives, to the full ends of the terms for which all Letters Patent therefor 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 we hereby covenant and agree that we will at any time, upon the request and at the expense of **ASSIGNEE**, execute and deliver any and all documents that may be necessary or desirable to perfect the title to the foregoing inventions and discoveries, patent applications, and Letters Patent and continuations, divisions, reissues, renewals and

extensions thereof in **ASSIGNEE**, its successors, assigns or other legal representatives, 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 that we will, at any time, upon the request and at the expense of **ASSIGNEE**, execute any additional or divisional applications for patents for said inventions and discoveries, or any part or parts thereof, and applications for patents of confirmation, registration and importation based on said Letters Patent and on Letters Patent issuing from said additional or divisional applications and reissues, renewals and extensions therefor, and will make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein, without further compensation, but at the expense of **ASSIGNEE**, its successors, assigns or other legal representatives.

*We hereby authorize **ASSIGNEE** to insert in this instrument the Application Number and the filing date of said application for Letters Patent when officially notified thereof.

Executed this 23 day of Feb, 2005.

Ashok Arasappan L.S.
ASHOK ARASAPPAN

ACKNOWLEDGEMENT

State of New Jersey)
County of Union) s.s.:

On this 23rd day of February, 2005, personally appeared before me Ashok Arasappan to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Ashly M. Armstrong
Notary Public
ASHLY M. ARMSTRONG
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 3/26/2006

Executed this 23rd day of February, 2005.

F. George Njoroge L.S.
F. GEORGE NJOROG

ACKNOWLEDGEMENT

State of New Jersey)
County of Union) s.s.:

On this 23rd day of February, 2005, personally appeared before me
F. George Njoroge to me known, and known by me to be the same person described in
and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of
his (her) own free will for the purpose set forth.

(Seal)

Ashley M. Armstrong
ASHLEY M. ARMSTRONG
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 3/26/2008

Executed this _____ day of _____, 20____.

L.S.

ANGELA I. PADILLA-ACEVEDO

ACKNOWLEDGEMENT

State of _____)
County of _____) s.s.:

On this _____ day of _____, 20____, personally appeared before me
Angela I. Padilla-Acevedo to me known, and known by me to be the same person
described in and who executed the foregoing instrument, and acknowledged that he (she) executed
the same, of his (her) own free will for the purpose set forth.

(Seal)


Notary Public


Executed this 23rd day of February, 2005.

L.S.
KEVIN X. CHEN**ACKNOWLEDGEMENT**State of New Jersey)
County of Union) s.s.:

On this 23rd day of February, 2005, personally appeared before me
Kevin X. Chen to me known, and known by me to be the same person described in and
who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his
(her) own free will for the purpose set forth.

(Seal)

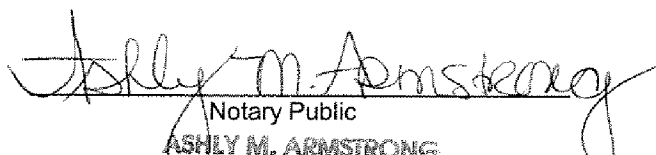


Notary Public
ASHLY M. ARMSTRONG
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 3/26/2008Executed this 23rd day of February, 2005.


L.S.**FRANK BENNETT****ACKNOWLEDGEMENT**State of New Jersey)
County of Union) s.s.:

On this 23rd day of February, 2005, personally appeared before me
Frank Bennett to me known, and known by me to be the same person described in and
who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his
(her) own free will for the purpose set forth.

(Seal)



Notary Public
ASHLY M. ARMSTRONG
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 3/26/2008

Executed this 23 day of February, 2005.M. Sannigrahi L.S.
MOUSUMI SANNIGRAHI**ACKNOWLEDGEMENT**State of New Jersey } s.s.:
County of Union }

On this 23rd day of February, 2005, personally appeared before me
Mousumi Sannigrahi to me known, and known by me to be the same person described
in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of
his (her) own free will for the purpose set forth.

(Seal)

Ashly M. Armstrong
Notary PublicASHLY M. ARMSTRONG
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 3/26/2008Executed this 23 day of February, 2005.Stephane L. Bogen L.S.
STEPHANE L. BOGEN**ACKNOWLEDGEMENT**State of New Jersey } s.s.:
County of Union }

On this 23rd day of February, 2005, personally appeared before me
Stephane L. Bogen to me known, and known by me to be the same person described in
and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of
his (her) own free will for the purpose set forth.

(Seal)

Ashly M. Armstrong
Notary PublicASHLY M. ARMSTRONG
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 3/26/2008

Executed this 21 day of March, 2005.Srikanth Venkatraman L.S.**SRIKANTH VENKATRAMAN****ACKNOWLEDGEMENT**State of New Jersey)
County of Union) s.s.:

On this 21st day of March, 2005, personally appeared before me
Srikanth Venkatraman to me known, and known by me to be the same person described
in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of
his (her) own free will for the purpose set forth.

(Seal)

Ashly M. Armstrong
Notary Public
ASHLY M. ARMSTRONG
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 3/26/2008

Executed this _____ day of _____, 20____.

L.S.**EDWIN JAO****ACKNOWLEDGEMENT**State of _____)
County of _____) s.s.:

On this _____ day of _____, 20____, personally appeared before me
Edwin Jao to me known, and known by me to be the same person described in and who
executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her)
own free will for the purpose set forth.

(Seal)

Notary Public

Executed this _____ day of _____, 20____.

L.S.**ANIL K. SAKSENA****ACKNOWLEDGEMENT**State of _____)
County of _____) s.s.:

On this _____ day of _____, 20____, personally appeared before me
Anil K. Saxena to me known, and known by me to be the same person described in and
who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his
(her) own free will for the purpose set forth.

(Seal)

Notary PublicExecuted this 13 day of February, 2005.Viyyoor M. Girijavallabhan L.S.**VIYYOOR M. GIRIJAVALLABHAN****ACKNOWLEDGEMENT**State of NY)
County of Putnam) s.s.:

On this 3rd day of February, 2005, personally appeared before me
Viyyoor M. Girijavallabhan to me known, and known by me to be the same person
described in and who executed the foregoing instrument, and acknowledged that he (she) executed
the same, of his (her) own free will for the purpose set forth.

(Seal)

Denise A. Buffardi
Notary PublicDENISE A. BUFFARDI
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Dec. 17, 2006