

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>Yongqi Deng</td> <td>08/23/2011</td> </tr> <tr> <td>Gerald W. Shipps Jr.</td> <td>08/24/2011</td> </tr> <tr> <td>Sie-Mun Lo</td> <td>08/19/2011</td> </tr> <tr> <td>Liang Zhu</td> <td>08/24/2011</td> </tr> <tr> <td>Alan B. Cooper</td> <td>08/22/2011</td> </tr> <tr> <td>Kiran Muppalla</td> <td>08/19/2011</td> </tr> </tbody> </table>		Name	Execution Date	Yongqi Deng	08/23/2011	Gerald W. Shipps Jr.	08/24/2011	Sie-Mun Lo	08/19/2011	Liang Zhu	08/24/2011	Alan B. Cooper	08/22/2011	Kiran Muppalla	08/19/2011
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<table border="1"> <tr> <td>Name:</td> <td>Schering Corporation</td> </tr> <tr> <td>Street Address:</td> <td>2000 Galloping Hill Road</td> </tr> <tr> <td>City:</td> <td>Kenilworth</td> </tr> <tr> <td>State/Country:</td> <td>NEW JERSEY</td> </tr> <tr> <td>Postal Code:</td> <td>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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CORRESPONDENCE DATA															
Fax Number: 7325944720 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 732-594-0586 Email: us_efs@merck.com Correspondent Name: Merck Address Line 1: 126 East Lincoln Avenue Address Line 2: RY 86-2011A Address Line 4: Rahway, NEW JERSEY 07065															
ATTORNEY DOCKET NUMBER:	OC20107157-US-PCT														

CH \$40.00 13819366

NAME OF SUBMITTER:

Henry C. Jeanette

Total Attachments: 16

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source=OC2010.7157-ASSIGN-27FEB2013#page16.tif

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

(1)	<u>YONGQI DENG</u> ,	located at	<u>NEWTON, MA</u>	<u>02459</u>
(2)	<u>GERALD W. SHIPPS, JR.</u> ,	located at	<u>STONEHAM, MA</u>	<u>02180</u>
(3)	<u>SIE-MUN LO</u> ,	located at	<u>SPRINGFIELD, VA</u>	<u>22150</u>
(4)	<u>LIANG ZHU</u> ,	located at	<u>WALTHAM, MA</u>	<u>02453</u>
(5)	<u>ALAN B. COOPER</u> ,	located at	<u>WEST CALDWELL, NJ</u>	<u>07006</u>
(6)	<u>KIRAN MUPPALLA</u> ,	located at	<u>CRANFORD, NJ</u>	<u>07016</u>

(hereinafter ASSIGNOR(S)), is/are the inventor(s) of the invention described in an application for Patents having the Attorney Docket Number indicated above and the following Title of the Invention:

INDAZOLE DERIVATIVES USEFUL AS ERK INHIBITORS

and in the following application(s):

U.S. Provisional Application No. 61/379,176 filed on 09/01/2010;

U.S. Application No. _____ having a filing date of _____; and

PCT International Application No. _____ having a filing date of _____.

WHEREAS I/WE covenant that the rights and property herein conveyed are free and clear of any encumbrance, and that I/we have the full right to convey the same as herein expressed.

WHEREAS, Schering Corporation, a corporation organized under the laws of the State of New Jersey, having an office at 2000 Galloping Hill Road, Kenilworth, New Jersey 07033, and its successors, assigns and legal representatives (hereinafter **ASSIGNEE**), is desirous of obtaining the entire right, title and interest in, to and under the invention disclosed in said application or applications;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I/we, said ASSIGNOR(S), do each hereby sell, assign and transfer or confirm the grant and assignment to said **ASSIGNEE** my/our entire right, title and interest in all countries of the world in and to my/our invention described in said application for Patents, 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 invention in all countries of the world, together with all rights of priority in the aforesaid countries deriving from the above-identified application for Patents 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 relating to patents or intellectual property, in and to any and all Letters Patent that are granted from the aforesaid application for Patents, in and to any applications claiming priority benefits to a provisional patent application or other applications filed on said invention, and in and to any continuations, divisions, reexaminations, reissues, renewals and extensions thereof of any of said Letters Patent, the same to be held and enjoyed by said **ASSIGNEE**, to the full ends of the terms for which all Letters Patent therefore 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 I/WE HEREBY covenant and agree that we will at any time, upon the request and at the expense of **ASSIGNEE**, without further compensation or charge to said **ASSIGNEE**, execute and deliver any and all documents that may be necessary or desirable to perfect the title to the foregoing invention, patent applications, and Letters Patent and continuations, divisions, reexaminations, reissues, renewals and extensions thereof in the name of **ASSIGNEE**, 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 will make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein.

I/WE HEREBY authorize **ASSIGNEE** to insert in this Instrument the Application Number(s) and the filing date(s) of said application for Patents when officially notified thereof.

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 components shall together constitute but one and the same document.

Executed this 23 day of August, 2011.

YONGQI DENG

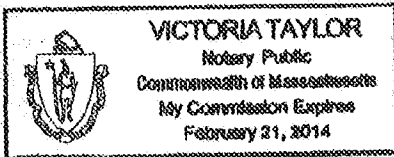
ACKNOWLEDGEMENT

State of ~~New Jersey~~ MASSACHUSETTS)
 County of SUFFOLK) s.s.:

On this 23rd day of AUGUST, 2011, personally appeared before me **YONGQI DENG** 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)

Victoria Taylor
 Notary Public



Executed this 24th day of August, 2011.

Gerald W. Shipps, Jr.

GERALD W. SHIPPS, JR.

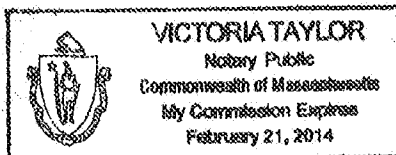
ACKNOWLEDGEMENT

State of ~~New Jersey~~ MASSACHUSETTS)
 County of SUFFOLK) s.s.:

On this 24th day of AUGUST, 2011, personally appeared before me **GERALD W. SHIPPS, JR.** 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)

Victoria Taylor
 Notary Public



Executed this ____ day of _____, 20____.

SIE-MUN LO

ACKNOWLEDGEMENT

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

On this ____ day of _____, 20____, personally appeared before me
SIE-MUN LO 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 24 day of Aug, 2011.CoraLIANG ZHU

ACKNOWLEDGEMENT

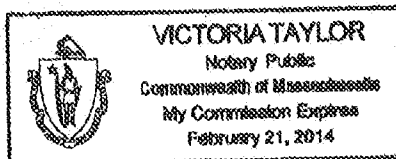
MASSACHUSETTS
State of ~~New Jersey~~)
) s.s.:
County of SUFFOLK)

On this 24th day of AUGUST, 2011, personally appeared before me
LIANG ZHU, 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)

Victoria Taylor

Notary Public



ALAN B. COOPER

KIRAN MUPPALLA

REEL: 029884 FRAME: 0200

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

(1)	<u>YONGQI DENG</u>	located at	<u>NEWTON, MA</u>	<u>02459</u>
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(5)	<u>ALAN B. COOPER</u>	located at	<u>WEST CALDWELL, NJ</u>	<u>07006</u>
(6)	<u>KIRAN MUPPALLA</u>	located at	<u>CRANFORD, NJ</u>	<u>07016</u>

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WHEREAS, Schering Corporation, a corporation organized under the laws of the State of New Jersey, having an office at 2000 Galloping Hill Road, Kenilworth, New Jersey 07033, and its successors, assigns and legal representatives (hereinafter **ASSIGNEE**), is desirous of obtaining the entire right, title and interest in, to and under the invention disclosed in said application or applications;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I/we, said ASSIGNOR(S), do each hereby sell, assign and transfer or confirm the grant and assignment to said **ASSIGNEE** my/our entire right, title and interest in all countries of the world in and to my/our invention described in said application for Patents, 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 invention in all countries of the world, together with all rights of priority in the aforesaid countries deriving from the above-identified application for Patents 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 relating to patents or intellectual property, in and to any and all Letters Patent that are granted from the aforesaid application for Patents, in and to any applications claiming priority benefits to a provisional patent application or other applications filed on said invention, and in and to any continuations, divisions, reexaminations, reissues, renewals and extensions thereof of any of said Letters Patent, the same to be held and enjoyed by said **ASSIGNEE**, to the full ends of the terms for which all Letters Patent therefore 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.

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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 components shall together constitute but one and the same document.

YONGQI DENG

ACKNOWLEDGEMENT

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

On this _____ day of _____, 20____, personally appeared before me **YONGQI DENG** 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____.

GERALD W. SHIPPS, JR.

ACKNOWLEDGEMENT

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

On this ____ day of _____, 20____, personally appeared before me **GERALD W. SHIPPS, JR.** 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 19th day of August, 2011.

SIE-MUN LO

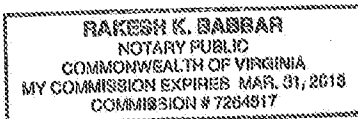
ACKNOWLEDGEMENT

State of New Jersey)
County of fairfax/VA) s.s.:
)

On this 19 day of Aug, 2011, personally appeared before me **SIE-MUN LO** 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____.

LIANG ZHU

ACKNOWLEDGEMENT

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

On this ____ day of _____, 20____, personally appeared before me **LIANG ZHU**, 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

ALAN B. COOPER

ACKNOWLEDGEMENT

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

On this ____ day of _____, 20____, personally appeared before me **ALAN B. COOPER** 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____.

KIRAN MUPPALLA

ACKNOWLEDGEMENT

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

On this ____ day of _____, 20____, personally appeared before me **KIRAN MUPPALLA** 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

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(6)	<u>KIRAN MUPPALLA</u>	located at	<u>CRANFORD, NJ</u>	<u>07016</u>

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YONGQI DENG

ACKNOWLEDGEMENT

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

On this ____ day of _____, 20__, personally appeared before me **YONGQI DENG** 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____.

GERALD W. SHIPPS, JR.

ACKNOWLEDGEMENT

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

On this ____ day of _____, 20____, personally appeared before me **GERALD W. SHIPPS, JR.** 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

SIE-MUN LO

LIANG ZHU

Executed this 22 day of August, 2011.

Alan B. Cooper
ALAN B. COOPER

ACKNOWLEDGEMENT

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

On this 22nd day of August, 2011, personally appeared before me **ALAN B. COOPER** 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)

Dawn A. Scott

Notary Public

DAWN A. SCOTT
NOTARY PUBLIC OF NEW JERSEY
Commission Expires March 5, 2013

Executed this ____ day of _____, 20____.

Kiran Muppalla
KIRAN MUPPALLA

ACKNOWLEDGEMENT

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

On this ____ day of _____, 20____, personally appeared before me **KIRAN MUPPALLA** 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

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(4)	<u>LIANG ZHU</u>	located at	<u>WALTHAM, MA</u>	<u>02453</u>
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) s.s.:
County of _____)

On this ____ day of _____, 20____, personally appeared before me **ALAN B. COOPER** 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____.

Kiran Muppalla 19 Aug 2011

KIRAN MUPPALLA

ACKNOWLEDGEMENT

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

On this 19 day of August, 2011, personally appeared before me **KIRAN MUPPALLA** 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)

Sandra J. Clancy

Notary Public

SANDRA J. CLANCY
ID No. 2311388
NOTARY PUBLIC, STATE OF NEW JERSEY
My Commission Expires Feb. 18, 2014