

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>Kevin Kreutter</td><td>03/10/2006</td></tr><tr><td>Tianbao Lu</td><td>03/10/2006</td></tr><tr><td>Yu Kai Lee</td><td>03/07/2006</td></tr><tr><td>Christopher Teleha</td><td>03/09/2006</td></tr><tr><td>Mark Player</td><td>03/07/2006</td></tr><tr><td>Xizhen Zhu</td><td>03/10/2006</td></tr></tbody></table>	Name	Execution Date	Kevin Kreutter	03/10/2006	Tianbao Lu	03/10/2006	Yu Kai Lee	03/07/2006	Christopher Teleha	03/09/2006	Mark Player	03/07/2006	Xizhen Zhu	03/10/2006	
Name	Execution Date														
Kevin Kreutter	03/10/2006														
Tianbao Lu	03/10/2006														
Yu Kai Lee	03/07/2006														
Christopher Teleha	03/09/2006														
Mark Player	03/07/2006														
Xizhen Zhu	03/10/2006														
RECEIVING PARTY DATA															
Name:	Janssen Pharmaceutica N.V.														
Street Address:	Turnhoutseweg 30														
City:	Beerse														
State/Country:	BELGIUM														
Postal Code:	B-2340														
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>11385056</td></tr></tbody></table>	Property Type	Number	Application Number:	11385056											
Property Type	Number														
Application Number:	11385056														
CORRESPONDENCE DATA															
Fax Number:	(732)524-2808														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	732-524-2169														
Email:	mtorre3@corus.jnj.com														
Correspondent Name:	Phillip S. Johnson														
Address Line 1:	Johnson & Johnson														
Address Line 2:	1 Johnson & Johnson Plaza														
Address Line 4:	New Brunswick, NEW JERSEY 08933														
ATTORNEY DOCKET NUMBER:	PRD2470USNP														

CH \$40.00 11385056

500114358

PATENT
REEL: 017770 FRAME: 0555

NAME OF SUBMITTER:

Mary L. Torre

Total Attachments: 40

source=2470asgn#page1.tif
source=2470asgn#page2.tif
source=2470asgn#page3.tif
source=2470asgn#page4.tif
source=2470asgn#page5.tif
source=2470asgn#page6.tif
source=2470asgn#page7.tif
source=2470asgn#page8.tif
source=2470asgn#page9.tif
source=2470asgn#page10.tif
source=2470asgn#page11.tif
source=2470asgn#page12.tif
source=2470asgn#page13.tif
source=2470asgn#page14.tif
source=2470asgn#page15.tif
source=2470asgn#page16.tif
source=2470asgn#page17.tif
source=2470asgn#page18.tif
source=2470asgn#page19.tif
source=2470asgn#page20.tif
source=2470asgn#page21.tif
source=2470asgn#page22.tif
source=2470asgn#page23.tif
source=2470asgn#page24.tif
source=2470asgn#page25.tif
source=2470asgn#page26.tif
source=2470asgn#page27.tif
source=2470asgn#page28.tif
source=2470asgn#page29.tif
source=2470asgn#page30.tif
source=2470asgn#page31.tif
source=2470asgn#page32.tif
source=2470asgn#page33.tif
source=2470asgn#page34.tif
source=2470asgn#page35.tif
source=2470asgn#page36.tif
source=2470asgn#page37.tif
source=2470asgn#page38.tif
source=2470asgn#page39.tif
source=2470asgn#page40.tif

A S S I G N M E N T

Serial No.
Filed

WHEREAS, Kevin Kreutter, Tianbao Lu, Yu Kai Lee, Christopher Teleha, Mark Player and Xizhen Zhu, residing at 71 Thoreau Drive, Plainsboro, NJ 08536, 42 Livery Drive, Churchville, PA 18966, 329 Steeplechase Drive, Exton, PA 19341, 542 Dreshertown Road, Fort Washington, PA 19034, 80 Page Lane, Phoenixville, PA 19460 and 53 Princeton Arms North I, Cranbury, NJ 08512 respectively (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

FLUORINATED PYRIDINE N-OXIDE THROMBIN MODULATOR AND PROCESS
FOR N-OXIDATION OF NITROGEN CONTAINING HETEROARYLS

for which they have executed an application for Letters Patent of the United States; and

WHEREAS, Janssen Pharmaceutica, N.V., a corporation of Belgium, (hereinafter called "Assignee"), is desirous of acquiring Assignors' entire right, title, and interest therein:

NOW, THEREFORE, BE IT KNOWN that for and in consideration of the sum of One Dollar and other valuable considerations, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and do hereby sell, assign and transfer unto said Assignee their entire right, title and interest in and to all said inventions and discoveries disclosed in said application whose identification above by serial number and filing date, when available is hereby authorized, and in and to said application, all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and sale had not been made;

And Assignors hereby authorize and request the Commissioner of Patents of the United States to issue said Letters Patent in accordance with this Assignment;

And for the consideration aforesaid, Assignors covenant and agree with said Assignee that he has a full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title they warrant unto said Assignee, its successors and assigns;

And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection for the said inventions and discoveries or that may be necessary to vest in said Assignee the complete title to the said inventions and discoveries and patents hereby conveyed and to enable it to record said title.

IN TESTIMONY WHEREOF, Assignor has hereunto set his
hand and seal this day of , 2006

Tianbao Lu (L.S.)

STATE OF)
COUNTY OF) ss.

BE IT REMEMBERED, That on this day of , 2006, before me, a Notary Public, personally appeared Tianbao Lu, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his
hand and seal this day of , 2006

Yu Kai Lee (L.S.)

STATE OF)
) ss.
COUNTY OF)

BE IT REMEMBERED, That on this day of ,
2006, before me, a Notary Public, personally appeared Yu Kai
Lee, who I am satisfied is the person named in and who
executed the foregoing instrument in my presence, and I
having first made known to him the contents thereof, he did
acknowledge that he signed, sealed, and delivered the same as
his voluntary act and deed for the uses and purposes therein
expressed.

Notary Public

IN TESTIMONY WHEREOF, Assignor have hereunto set
his hand and seal this day of , 2006

Christopher Teleha

STATE OF)
COUNTY OF) ss.

BE IT REMEMBERED, That on this day of , 2006, before me, a Notary Public, personally appeared Christopher Teleha, who I am satisfied is the persons named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Notary Public

IN TESTIMONY WHEREOF, Assignor have hereunto set
his hand and seal this day of , 2006

Mark Player (L.S.)

STATE OF)
) ss.
COUNTY OF)

BE IT REMEMBERED, That on this day of ,
2006, before me, a Notary Public, personally appeared Mark
Player, who I am satisfied is the persons named in and who
executed the foregoing instrument in my presence, and I
having first made known to him the contents thereof, he did
acknowledge that he signed, sealed, and delivered the same as
his voluntary act and deed for the uses and purposes therein
expressed.

Notary Public

IN TESTIMONY WHEREOF, Assignor have hereunto set
his hand and seal this day of , 2006

Xizhen Zhu (L.S.)

STATE OF)
) ss.
COUNTY OF)

BE IT REMEMBERED, That on this day of ,
2006, before me, a Notary Public, personally appeared Xizhen
Zhu, who I am satisfied is the persons named in and who
executed the foregoing instrument in my presence, and I
having first made known to him the contents thereof, he did
acknowledge that he signed, sealed, and delivered the same as
his voluntary act and deed for the uses and purposes therein
expressed.

Notary Public

A S S I G N M E N T

Serial No.
Filed

WHEREAS, Kevin Kreutter, Tianbao Lu, Yu Kai Lee, Christopher Teleha, Mark Player and Xizhen Zhu, residing at 71 Thoreau Drive, Plainsboro, NJ 08536, 42 Livery Drive, Churchville, PA 18966, 329 Steeplechase Drive, Exton, PA 19341, 542 Dreshertown Road, Fort Washington, PA 19034, 80 Page Lane, Phoenixville, PA 19460 and 53 Princeton Arms North I, Cranbury, NJ 08512 respectively (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

FLUORINATED PYRIDINE N-OXIDE THROMBIN MODULATOR AND PROCESS
FOR N-OXIDATION OF NITROGEN CONTAINING HETEROARYLS

for which they have executed an application for Letters Patent of the United States; and

WHEREAS, Janssen Pharmaceutica, N.V., a corporation of Belgium, (hereinafter called "Assignee"), is desirous of acquiring Assignors' entire right, title, and interest therein:

NOW, THEREFORE, BE IT KNOWN that for and in consideration of the sum of One Dollar and other valuable considerations, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and do hereby sell, assign and transfer unto said Assignee their entire right, title and interest in and to all said inventions and discoveries disclosed in said application whose identification above by serial number and filing date, when available is hereby authorized, and in and to said application, all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and sale had not been made;

And Assignors hereby authorize and request the Commissioner of Patents of the United States to issue said Letters Patent in accordance with this Assignment;

And for the consideration aforesaid, Assignors covenant and agree with said Assignee that he has a full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title they warrant unto said Assignee, its successors and assigns;

And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection for the said inventions and discoveries or that may be necessary to vest in said Assignee the complete title to the said inventions and discoveries and patents hereby conveyed and to enable it to record said title.

IN TESTIMONY WHEREOF, Assignor has hereunto set his
hand and seal this day of , 2006

Kevin Kreutter (L.S.)

STATE OF)
) ss.
COUNTY OF)

BE IT REMEMBERED, That on this day of ,
2006, before me, a Notary Public, personally appeared Kevin
Kreutter, who I am satisfied is the person named in and who
executed the foregoing instrument in my presence, and I
having first made known to him the contents thereof, he did
acknowledge that he signed, sealed, and delivered the same as
his voluntary act and deed for the uses and purposes therein
expressed.

Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seal this 10 day of March, 2006

Tianbao Lu (L.S.)

STATE OF *New Jersey*) SS.
COUNTY OF *Madison*

BE IT REMEMBERED, That on this 10th day of March, 2006, before me, a Notary Public, personally appeared Tianbao Lu, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Roxanne Culpepper

Notary Public

ROXANNE CULPEPPER
NOTARY PUBLIC OF NEW JERSEY
 Commission Expires 2/3/2010

IN TESTIMONY WHEREOF, Assignor has hereunto set his
hand and seal this day of , 2006

Yu Kai Lee (L.S.)

STATE OF)
COUNTY OF) ss.

BE IT REMEMBERED, That on this day of , 2006, before me, a Notary Public, personally appeared Yu Kai Lee, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Notary Public

IN TESTIMONY WHEREOF, Assignor have hereunto set
his hand and seal this day of , 2006

Christopher Teleha

STATE OF)
COUNTY OF) ss.

BE IT REMEMBERED, That on this day of , 2006, before me, a Notary Public, personally appeared Christopher Teleha, who I am satisfied is the persons named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Notary Public

IN TESTIMONY WHEREOF, Assignor have hereunto set
his hand and seal this day of , 2006

Mark Player (L.S.)

STATE OF)
) ss.
COUNTY OF)

BE IT REMEMBERED, That on this day of ,
2006, before me, a Notary Public, personally appeared Mark
Player, who I am satisfied is the persons named in and who
executed the foregoing instrument in my presence, and I
having first made known to him the contents thereof, he did
acknowledge that he signed, sealed, and delivered the same as
his voluntary act and deed for the uses and purposes therein
expressed.

Notary Public

IN TESTIMONY WHEREOF, Assignor have hereunto set
his hand and seal this day of , 2006

Xizhen Zhu (L.S.)

STATE OF)
) ss.
COUNTY OF)

BE IT REMEMBERED, That on this day of ,
2006, before me, a Notary Public, personally appeared Xizhen
Zhu, who I am satisfied is the persons named in and who
executed the foregoing instrument in my presence, and I
having first made known to him the contents thereof, he did
acknowledge that he signed, sealed, and delivered the same as
his voluntary act and deed for the uses and purposes therein
expressed.

Notary Public

A S S I G N M E N T

Serial No.
Filed

WHEREAS, Kevin Kreutter, Tianbao Lu, Yu Kai Lee, Christopher Teleha, Mark Player and Xizhen Zhu, residing at 71 Thoreau Drive, Plainsboro, NJ 08536, 42 Livery Drive, Churchville, PA 18966, 329 Steeplechase Drive, Exton, PA 19341, 542 Dreshertown Road, Fort Washington, PA 19034, 80 Page Lane, Phoenixville, PA 19460 and 53 Princeton Arms North I, Cranbury, NJ 08512 respectively (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

FLUORINATED PYRIDINE N-OXIDE THROMBIN MODULATOR AND PROCESS
FOR N-OXIDATION OF NITROGEN CONTAINING HETEROARYLS

for which they have executed an application for Letters Patent of the United States; and

WHEREAS, Janssen Pharmaceutica, N.V., a corporation of Belgium, (hereinafter called "Assignee"), is desirous of acquiring Assignors' entire right, title, and interest therein:

NOW, THEREFORE, BE IT KNOWN that for and in consideration of the sum of One Dollar and other valuable considerations, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and do hereby sell, assign and transfer unto said Assignee their entire right, title and interest in and to all said inventions and discoveries disclosed in said application whose identification above by serial number and filing date, when available is hereby authorized, and in and to said application, all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and sale had not been made;

And Assignors hereby authorize and request the Commissioner of Patents of the United States to issue said Letters Patent in accordance with this Assignment;

And for the consideration aforesaid, Assignors covenant and agree with said Assignee that he has a full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title they warrant unto said Assignee, its successors and assigns;

And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection for the said inventions and discoveries or that may be necessary to vest in said Assignee the complete title to the said inventions and discoveries and patents hereby conveyed and to enable it to record said title.

IN TESTIMONY WHEREOF, Assignor has hereunto set his
hand and seal this day of , 2006

Kevin Kreutter (L.S.)

STATE OF)
) ss.
COUNTY OF)

BE IT REMEMBERED, That on this day of ,
2006, before me, a Notary Public, personally appeared Kevin
Kreutter, who I am satisfied is the person named in and who
executed the foregoing instrument in my presence, and I
having first made known to him the contents thereof, he did
acknowledge that he signed, sealed, and delivered the same as
his voluntary act and deed for the uses and purposes therein
expressed.

Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his
hand and seal this day of , 2006

Tianbao Lu (L.S.)

STATE OF)
) ss.
COUNTY OF)

BE IT REMEMBERED, That on this day of , 2006, before me, a Notary Public, personally appeared Tianbao Lu, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his
hand and seal this 7 day of March, 2006

Yu Kai Lee (L.S.)

STATE OF PA.)

) ss.

COUNTY OF CHESTER)

BE IT REMEMBERED, That on this 7th day of March,
2006, before me, a Notary Public, personally appeared Yu Kai
Lee, who I am satisfied is the person named in and who
executed the foregoing instrument in my presence, and I
having first made known to him the contents thereof, he did
acknowledge that he signed, sealed, and delivered the same as
his voluntary act and deed for the uses and purposes therein
expressed.

Geraldine F. Cooney

Notary Public

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal
Geraldine F. Cooney, Notary Public
Uwchlan Twp., Chester County
My Commission Expires June 7, 2008

Member, Pennsylvania Association Of Notaries

IN TESTIMONY WHEREOF, Assignor have hereunto set
his hand and seal this day of , 2006

Christopher Teleha

STATE OF)
COUNTY OF) ss.

BE IT REMEMBERED, That on this day of , 2006, before me, a Notary Public, personally appeared Christopher Teleha, who I am satisfied is the persons named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Notary Public

IN TESTIMONY WHEREOF, Assignor have hereunto set
his hand and seal this 7th day of March, 2006

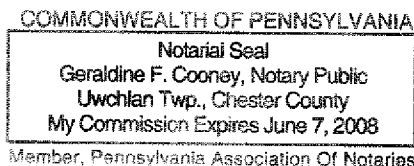
Mark Player (L.S.)
Mark Player

STATE OF PA)
) ss.
COUNTY OF CHESTER

BE IT REMEMBERED, That on this 7th day of March,
2006, before me, a Notary Public, personally appeared Mark
Player, who I am satisfied is the persons named in and who
executed the foregoing instrument in my presence, and I
having first made known to him the contents thereof, he did
acknowledge that he signed, sealed, and delivered the same as
his voluntary act and deed for the uses and purposes therein
expressed.

Geraldine F. Cooney

Notary Public



IN TESTIMONY WHEREOF, Assignor have hereunto set
his hand and seal this day of , 2006

Xizhen Zhu (L.S.)

STATE OF)
COUNTY OF) ss.

BE IT REMEMBERED, That on this day of , 2006, before me, a Notary Public, personally appeared Xizhen Zhu, who I am satisfied is the persons named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Notary Public

A S S I G N M E N T

Serial No.
Filed

WHEREAS, Kevin Kreutter, Tianbao Lu, Yu Kai Lee, Christopher Teleha, Mark Player and Xizhen Zhu, residing at 71 Thoreau Drive, Plainsboro, NJ 08536, 42 Livery Drive, Churchville, PA 18966, 329 Steeplechase Drive, Exton, PA 19341, 542 Dreshertown Road, Fort Washington, PA 19034, 80 Page Lane, Phoenixville, PA 19460 and 53 Princeton Arms North I, Cranbury, NJ 08512 respectively (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

FLUORINATED PYRIDINE N-OXIDE THROMBIN MODULATOR AND PROCESS
FOR N-OXIDATION OF NITROGEN CONTAINING HETEROARYLS

for which they have executed an application for Letters Patent of the United States; and

WHEREAS, Janssen Pharmaceutica, N.V., a corporation of Belgium, (hereinafter called "Assignee"), is desirous of acquiring Assignors' entire right, title, and interest therein:

NOW, THEREFORE, BE IT KNOWN that for and in consideration of the sum of One Dollar and other valuable considerations, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and do hereby sell, assign and transfer unto said Assignee their entire right, title and interest in and to all said inventions and discoveries disclosed in said application whose identification above by serial number and filing date, when available is hereby authorized, and in and to said application, all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and sale had not been made;

And Assignors hereby authorize and request the Commissioner of Patents of the United States to issue said Letters Patent in accordance with this Assignment;

And for the consideration aforesaid, Assignors covenant and agree with said Assignee that he has a full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title they warrant unto said Assignee, its successors and assigns;

And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection for the said inventions and discoveries or that may be necessary to vest in said Assignee the complete title to the said inventions and discoveries and patents hereby conveyed and to enable it to record said title.

IN TESTIMONY WHEREOF, Assignor has hereunto set his
hand and seal this day of , 2006

Kevin Kreutter

STATE OF)
COUNTY OF) ss.

BE IT REMEMBERED, That on this day of , 2006, before me, a Notary Public, personally appeared Kevin Kreutter, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his
hand and seal this day of , 2006

Tianbao Lu (L.S.)

STATE OF)
COUNTY OF) ss.

BE IT REMEMBERED, That on this day of ,
2006, before me, a Notary Public, personally appeared Tianbao
Lu, who I am satisfied is the person named in and who
executed the foregoing instrument in my presence, and I
having first made known to him the contents thereof, he did
acknowledge that he signed, sealed, and delivered the same as
his voluntary act and deed for the uses and purposes therein
expressed.

Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his
hand and seal this day of , 2006

Yu Kai Lee (L.S.)

STATE OF)
COUNTY OF) ss.

BE IT REMEMBERED, That on this day of , 2006, before me, a Notary Public, personally appeared Yu Kai Lee, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Notary Public

Christopher Teleha (L.S.)

Maria I Shchuko

PATENT
REEL: 017770 FRAME: 0586

IN TESTIMONY WHEREOF, Assignor have hereunto set
his hand and seal this day of , 2006

Mark Player (L.S.)

STATE OF)
) ss.
COUNTY OF)

BE IT REMEMBERED, That on this day of ,
2006, before me, a Notary Public, personally appeared Mark
Player, who I am satisfied is the persons named in and who
executed the foregoing instrument in my presence, and I
having first made known to him the contents thereof, he did
acknowledge that he signed, sealed, and delivered the same as
his voluntary act and deed for the uses and purposes therein
expressed.

Notary Public

IN TESTIMONY WHEREOF, Assignor have hereunto set
his hand and seal this day of , 2006

..... (L.S.)
Xizhen Zhu

STATE OF)
COUNTY OF) ss.

BE IT REMEMBERED, That on this day of , 2006, before me, a Notary Public, personally appeared Xizhen Zhu, who I am satisfied is the persons named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Notary Public

A S S I G N M E N T

Serial No.
Filed

WHEREAS, Kevin Kreutter, Tianbao Lu, Yu Kai Lee, Christopher Teleha, Mark Player and Xizhen Zhu, residing at 71 Thoreau Drive, Plainsboro, NJ 08536, 42 Livery Drive, Churchville, PA 18966, 329 Steeplechase Drive, Exton, PA 19341, 542 Dreshertown Road, Fort Washington, PA 19034, 80 Page Lane, Phoenixville, PA 19460 and 53 Princeton Arms North I, Cranbury, NJ 08512 respectively (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

FLUORINATED PYRIDINE N-OXIDE THROMBIN MODULATOR AND PROCESS
FOR N-OXIDATION OF NITROGEN CONTAINING HETEROARYLS

for which they have executed an application for Letters Patent of the United States; and

WHEREAS, Janssen Pharmaceutica, N.V., a corporation of Belgium, (hereinafter called "Assignee"), is desirous of acquiring Assignors' entire right, title, and interest therein:

NOW, THEREFORE, BE IT KNOWN that for and in consideration of the sum of One Dollar and other valuable considerations, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and do hereby sell, assign and transfer unto said Assignee their entire right, title and interest in and to all said inventions and discoveries disclosed in said application whose identification above by serial number and filing date, when available is hereby authorized, and in and to said application, all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and sale had not been made;

And Assignors hereby authorize and request the Commissioner of Patents of the United States to issue said Letters Patent in accordance with this Assignment;

And for the consideration aforesaid, Assignors covenant and agree with said Assignee that he has a full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title they warrant unto said Assignee, its successors and assigns;

And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection for the said inventions and discoveries or that may be necessary to vest in said Assignee the complete title to the said inventions and discoveries and patents hereby conveyed and to enable it to record said title.

IN TESTIMONY WHEREOF, Assignor has hereunto set his
hand and seal this day of , 2006

Kevin Kreutter (L.S.)

STATE OF)
) ss.
COUNTY OF)

BE IT REMEMBERED, That on this day of ,
2006, before me, a Notary Public, personally appeared Kevin
Kreutter, who I am satisfied is the person named in and who
executed the foregoing instrument in my presence, and I
having first made known to him the contents thereof, he did
acknowledge that he signed, sealed, and delivered the same as
his voluntary act and deed for the uses and purposes therein
expressed.

Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his
hand and seal this day of , 2006

Tianbao Lu (L.S.)

STATE OF)
COUNTY OF) ss.

BE IT REMEMBERED, That on this day of , 2006, before me, a Notary Public, personally appeared Tianbao Lu, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Notary Public

IN TESTIMONY WHEREOF, Assignor has hereunto set his
hand and seal this day of , 2006

Yu Kai Lee (L.S.)

STATE OF)
COUNTY OF) ss.

BE IT REMEMBERED, That on this day of , 2006, before me, a Notary Public, personally appeared Yu Kai Lee, who I am satisfied is the person named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Notary Public

IN TESTIMONY WHEREOF, Assignor have hereunto set
his hand and seal this day of , 2006

Christopher Teleha (L.S.)

STATE OF)
COUNTY OF) ss.

BE IT REMEMBERED, That on this day of , 2006, before me, a Notary Public, personally appeared Christopher Teleha, who I am satisfied is the persons named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Notary Public


IN TESTIMONY WHEREOF, Assignor have hereunto set
his hand and seal this day of , 2006

Mark Player (L.S.)

STATE OF)
COUNTY OF) ss.

BE IT REMEMBERED, That on this day of , 2006, before me, a Notary Public, personally appeared Mark Player, who I am satisfied is the persons named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

Notary Public



Xizhen Zhu (L.S.)

BE IT REMEMBERED, That on this 10th day of March, 2006, before me, a Notary Public, personally appeared Xizhen Zhu, who I am satisfied is the persons named in and who executed the foregoing instrument in my presence, and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed, and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

WENDY J. WEINHEIMER
NOTARY PUBLIC OF NEW JERSEY
 Commission Expires 9/7/2010

PATENT
REEL: 017770 FRAME: 0596