## PATENT ASSIGNMENT

### SUBMISSION TYPE: NEW ASSIGNMENT

### NATURE OF CONVEYANCE: ASSIGNMENT

## CONVEYING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>Execution Date</th>
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<tbody>
<tr>
<td>Jon J. Hangeland</td>
<td>07/05/2005</td>
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<tr>
<td>Mimi L. Quan</td>
<td>07/05/2005</td>
</tr>
<tr>
<td>Joanne M. Smallheer</td>
<td>07/05/2005</td>
</tr>
<tr>
<td>Gregory S. Bisacchi</td>
<td>07/18/2005</td>
</tr>
<tr>
<td>James R. Corte</td>
<td>07/05/2005</td>
</tr>
<tr>
<td>Todd J. Friends</td>
<td>07/05/2005</td>
</tr>
<tr>
<td>Zhong Sun</td>
<td>07/05/2005</td>
</tr>
<tr>
<td>Karen A. Rossi</td>
<td>07/06/2005</td>
</tr>
<tr>
<td>Cullen L. Cavallaro</td>
<td>07/15/2005</td>
</tr>
</tbody>
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## RECEIVING PARTY DATA

- **Name:** Bristol-Myers Squibb Company
- **Street Address:** P.O. Box 4000
- **Internal Address:** Patent Department
- **City:** Princeton
- **State/Country:** NEW JERSEY
- **Postal Code:** 08543-4000

## PROPERTY NUMBERS Total: 1

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## CORRESPONDENCE DATA

- **Fax Number:** (609)252-4526
- **Correspondence will be sent via US Mail when the fax attempt is unsuccessful.**
- **Phone:** 6092523791
- **Email:** eileen.immordino@bms.com
- **Correspondent Name:** Jing G. Sun
- **Address Line 1:** P.O. Box 4000
<table>
<thead>
<tr>
<th>NAME OF SUBMITTER:</th>
<th>Jing G. Sun</th>
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</tbody>
</table>
ASSIGNMENT

We,

Jon J. Hangeland residing at 234 Louise Drive
residing at Morrisville, Pennsylvania 19067
United States of America

Mimi L. Quan residing at 1437 Innis Lane
Morrisville, Pennsylvania 19067
United States of America

Joanne M. Smallheer residing at 709 Wynnewood Drive
Yardley, Pennsylvania 19067
United States of America

Gregory S. Bisacchi residing at 72 Lincoln Street #34
Newton Highlands, Massachusetts 02461
United States of America

James R. Corte residing at 11 Abelia Court
Lawrenceville, New Jersey 08648
United States of America

Todd J. Friends residing at 246 Birch Hollow Drive
Bordentown, New Jersey 08505
United States of America

Zhong Sun residing at 11 Coventry Lane
Hopewell, New Jersey 08505
United States of America

Karen A. Rossi residing at 2084 Farmview Drive
Newtown, Pennsylvania 18940
United States of America

Cullen L. Cavallaro residing at 3 Westbury Court
Robbinsville, New Jersey 08691
United States of America,

pursuant to contractual obligations heretofore assumed by us and/or for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, do hereby sell and assign to Bristol-Myers Squibb Company, a Delaware corporation, having a place of business at Lawrenceville-Princeton Road, Princeton, NJ 08543-4000, its successors, assigns and legal representatives, all our right, title and interest, which includes the right to and full benefit of such priorities as may now or hereafter be granted to us by local laws or by treaty, including any
international convention for the protection of industrial property, in and for all countries of the world, including the United States and its territories and possessions, in and to the invention entitled:

FIVE-MEMBERED HETEROCYCLES USEFUL AS SERINE PROTEASE INHIBITORS

invented by us and described in the non-provisional United States patent application

Application No. 11/151,667, filed June 13, 2005,

including said non-provisional United States patent application and any application claiming priority from said non-provisional application, filed in any country, and any patents which may be issued and/or granted thereon, and all divisions, continuations, reissues, reexamination certificates and extensions thereof in all countries, the said interest being the entire ownership of said invention and all of said applications, patents (including reissue patents), extensions and reexamination certificates to be held and enjoyed by the said Bristol-Myers Squibb Company and its successors and assigns to the full end of the terms to which said patents (including reissue patents), extensions and reexamination certificates may be granted and/or issued, as fully and entirely as the same would have been held and enjoyed by us if this sale, assignment and transfer had not been made;

And we hereby agree to communicate to said assignee or its representatives any facts known to us respecting said invention, to testify in any legal proceedings, to sign and/or execute any further documents and/or instruments which may be necessary, lawful and proper in and/or for the filing and/or prosecution of all applications, including divisional, continuation and reissue applications, extensions and reexamination certificates and/or the granting and/or issuance thereof and/or to otherwise secure title to said invention and all of said applications, patents (including reissue patents, extensions and reexamination certificates in said assignee, and in general to do everything possible to aid said assignee, its successors and assigns to obtain and enforce proper protection for said invention in all countries.

Signed this 7th day of July, 2005 by

[Signature]

Mimi L. Quan

Signed this 5th day of July, 2005 by

[Signature]
Signed this 5th day of July, 2005 by Joanne M. Smallheer.

Signed this ___ day of __________, 2005 by ________________________.

Signed this 5th day of July, 2005 by ________________________.

Signed this 5th day of July, 2005 by ________________________.

Signed this 5th day of July, 2005 by ________________________.

Signed this 5th day of July, 2005 by ________________________.

Signed this 15th day of July, 2005 by ________________________.
STATE OF
)
)
COUNTY OF
)
)
On the day of , 2005, before me came Gregory S. Bisacchi, to me known to be the person of that name mentioned in, and who executed the foregoing Assignment and acknowledged that he/she executed it.

[SEAL] Notary Public

STATE OF New Jersey
)
)
COUNTY OF Mercer
)
On the 5th day of July , 2005, before me came James R. Corte, to me known to be the person of that name mentioned in, and who executed the foregoing Assignment and acknowledged that he/she executed it.

[SEAL] Notary Public

STATE OF New Jersey
)
)
COUNTY OF Mercer
)
On the 5th day of July , 2005, before me came Todd J. Friends, to me known to be the person of that name mentioned in, and who executed the foregoing Assignment and acknowledged that he/she executed it.

[SEAL] Notary Public
STATE OF New Jersey   
COUNTY OF Mercer   

On the 5th day of July, 2005, before me came Jon J. Hangeland, to me known to be the person of that name mentioned in, and who executed the foregoing Assignment and acknowledged that he/she executed it.

[SEAL]

Julie

Notary Public
State of New Jersey
Julia Mary Kasler
My Commission Expires
12-20-08

STATE OF New Jersey   
COUNTY OF Mercer   

On the 5th day of July, 2005, before me came Mimi L. Quan, to me known to be the person of that name mentioned in, and who executed the foregoing Assignment and acknowledged that he/she executed it.

[SEAL]

Julie

Notary Public
State of New Jersey
Julia Mary Kasler
My Commission Expires
12-20-08

STATE OF New Jersey   
COUNTY OF Mercer   

On the 5th day of July, 2005, before me came Joanne M. Smallheer, to me known to be the person of that name mentioned in, and who executed the foregoing Assignment and acknowledged that he/she executed it.

[SEAL]

Julie

Notary Public
State of New Jersey
Julia Mary Kasler
My Commission Expires
12-20-08
STATE OF New Jersey } ss.
COUNTY OF Mercer }

On the 5th day of July, 2005, before me came Zhong Sun, to me known to be the person of that name mentioned in, and who executed the foregoing Assignment and acknowledged that he/she executed it.

Notary Public
State of New Jersey
Julia Mary Kessler
My Commission Expires 12-20-08

STATE OF New Jersey } ss.
COUNTY OF Mercer }

On the 6th day of July, 2005, before me came Karen A. Rossi, to me known to be the person of that name mentioned in, and who executed the foregoing Assignment and acknowledged that he/she executed it.

Notary Public
State of New Jersey
Julia Mary Kessler
My Commission Expires 12-20-05

STATE OF New Jersey } ss.
COUNTY OF Mercer }

On the 15th day of July, 2005, before me came Cullen L. Cavallaro, to me known to be the person of that name mentioned in, and who executed the foregoing Assignment and acknowledged that he/she executed it.

Notary Public
GILEEN IMMORDINO
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Aug. 14, 2005
ASSIGNMENT

We,

Jon J. Hangeland residing at 234 Louise Drive
Morrisville, Pennsylvania 19067
United States of America

Mimi L. Quan residing at 1437 Innis Lane
Yardley, Pennsylvania 19067
United States of America

Joanne M. Smallheer residing at 709 Wynnewood Drive
Yardley, Pennsylvania 19067
United States of America

Gregory S. Bisacchi residing at 72 Lincoln Street #34
Newton Highlands, Massachusetts 02461
United States of America

James R. Corte residing at 11 Abelia Court
Lawrenceville, New Jersey 08648
United States of America

Todd J. Friends residing at 246 Birch Hollow Drive
Bordentown, New Jersey 08505
United States of America

Zhong Sun residing at 11 Coventry Lane
Hopewell, New Jersey 08505
United States of America

Karen A. Rossi residing at 2084 Farmview Drive
Newtown, Pennsylvania 18940
United States of America

Cullen L. Cavallaro residing at 3 Westbury Court
Robbinsville, New Jersey 08691
United States of America,

pursuant to contractual obligations heretofore assumed by us and/or for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, do hereby sell and assign to Bristol-Myers Squibb Company, a Delaware corporation, having a place of business at Lawrenceville-Princeton Road, Princeton, NJ 08543-4000, its successors, assigns and legal representatives, all our right, title and interest, which includes the right to and full benefit of such priorities as may now or hereafter be granted to us by local laws or by treaty, including any
international convention for the protection of industrial property, in and for all countries of the world, including the United States and its territories and possessions, in and to the invention entitled:

FIVE-MEMBERED HETEROCYCLES USEFUL AS SERINE PROTEASE INHIBITORS

invented by us and described in the non-provisional United States patent application

Application No. 11/151,667, filed June 13, 2005,

including said non-provisional United States patent application and any application claiming priority from said non-provisional application, filed in any country, and any patents which may be issued and/or granted thereon, and all divisions, continuations, reissues, reexamination certificates and extensions thereof in all countries, the said interest being the entire ownership of said invention and all of said applications, patents (including reissue patents), extensions and reexamination certificates to be held and enjoyed by the said Bristol-Myers Squibb Company and its successors and assigns to the full end of the terms to which said patents (including reissue patents), extensions and reexamination certificates may be granted and/or issued, as fully and entirely as the same would have been held and enjoyed by us if this sale, assignment and transfer had not been made;

And we hereby agree to communicate to said assignee or its representatives any facts known to us respecting said invention, to testify in any legal proceedings, to sign and/or execute any further documents and/or instruments which may be necessary, lawful and proper in and/or for the filing and/or prosecution of all applications, including divisional, continuation and reissue applications, extensions and reexamination certificates and/or the granting and/or issuance thereof and/or to otherwise secure title to said invention and all of said applications, patents (including reissue patents, extensions and reexamination certificates in said assignee, and in general to do everything possible to aid said assignee, its successors and assigns to obtain and enforce proper protection for said invention in all countries.

Signed this 7th day of July, 2005 by ____________________________

Joni J. Harrjeland

Signed this 5th day of July, 2005 by ____________________________

Mimi L. Quan
Signed this 5th day of July, 2005 by Joanne M. Smalheer

Signed this 18th day of July, 2005 by Gregory S. Bisacchi

Signed this 5th day of July, 2005 by James R. Corte

Signed this 5th day of July, 2005 by Todd J. Friends

Signed this 5th day of July, 2005 by Zhang Sun

Signed this 4th day of July, 2005 by Karen A. Rossi

Signed this ___ day of __________, 2005 by Cullen L. Cavallaro
STATE OF Massachusetts
) ss.
COUNTY OF Middlesex )

On the 18th day of July, 2005, before me came Gregory S. Bisacchi, to me known to be the person of that name mentioned in, and who executed the foregoing Assignment and acknowledged that he/she executed it.

[SEAL]

Kathleen Young
Notary Public

STATE OF New Jersey )
COUNTY OF Mercer ) ss.

On the 5th day of July, 2005, before me came James R. Corte, to me known to be the person of that name mentioned in, and who executed the foregoing Assignment and acknowledged that he/she executed it.

[SEAL]

J. Lee York
Notary Public

STATE OF New Jersey )
COUNTY OF Mercer ) ss.

On the 5th day of July, 2005, before me came Todd J. Friends, to me known to be the person of that name mentioned in, and who executed the foregoing Assignment and acknowledged that he/she executed it.

[SEAL]

J. Lee York
Notary Public
STATE OF New Jersey )
COUNTY OF Mercer ) ss.

On the 5th day of July , 2005, before me came Jon J. Hangeland, to me known to be the person of that name mentioned in, and who executed the foregoing Assignment and acknowledged that he/she executed it.

[SEAL]

Notary Public
State of New Jersey
Julia Mary Kessler
My Commission Expires 12-20-08

STATE OF New Jersey )
COUNTY OF Mercer ) ss.

On the 5th day of July , 2005, before me came Mimi L. Quan, to me known to be the person of that name mentioned in, and who executed the foregoing Assignment and acknowledged that he/she executed it.

[SEAL]

Notary Public
State of New Jersey
Julia Mary Kessler
My Commission Expires 12-26-08

STATE OF New Jersey )
COUNTY OF Mercer ) ss.

On the 5th day of July , 2005, before me came Joanne M. Smallheer, to me known to be the person of that name mentioned in, and who executed the foregoing Assignment and acknowledged that he/she executed it.

[SEAL]

Notary Public
State of New Jersey
Julia Mary Kessler
My Commission Expires 12-20-08
STATE OF New Jersey )
COUNTY OF Mercer ) ss.

On the 5th day of July, 2005, before me came Zhong Sun, to me known to be the person of that name mentioned in, and who executed the foregoing Assignment and acknowledged that he/she executed it.

[SEAL]

Notary Public
State of New Jersey
Julia Mary Kaszler
My Commission Expires
12-20-08

STATE OF New Jersey )
COUNTY OF Mercer ) ss.

On the 6th day of July, 2005, before me came Karen A. Rossi, to me known to be the person of that name mentioned in, and who executed the foregoing Assignment and acknowledged that he/she executed it.

[SEAL]

Notary Public
State of New Jersey
Julia Mary Kaszler
My Commission Expires
12-20-05

STATE OF )
COUNTY OF ) ss.

On the day of , 2005, before me came Cullen L. Cavallaro, to me known to be the person of that name mentioned in, and who executed the foregoing Assignment and acknowledged that he/she executed it.

[SEAL]

Notary Public

RECORDED: 08/02/2005
PATENT
REEL: 016342 FRAME: 0214