

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE:  | NEW ASSIGNMENT                   |               |                              |                     |                                  |                   |                   |               |            |                |            |              |            |
|---|----------------------------------|---------------|------------------------------|---------------------|----------------------------------|-------------------|-------------------|---------------|------------|----------------|------------|--------------|------------|
| NATURE OF CONVEYANCE:   | ASSIGNMENT                       |               |                              |                     |                                  |                   |                   |               |            |                |            |              |            |
| <b>CONVEYING PARTY DATA</b>   |                                  |               |                              |                     |                                  |                   |                   |               |            |                |            |              |            |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>John A. Bender</td> <td>09/17/2010</td> </tr> <tr> <td>Zhong Yang</td> <td>09/20/2010</td> </tr> <tr> <td>John F. Kadow</td> <td>09/23/2010</td> </tr> </tbody> </table>  |                                  | Name          | Execution Date               | John A. Bender      | 09/17/2010                       | Zhong Yang        | 09/20/2010        | John F. Kadow | 09/23/2010 |                |            |              |            |
| Name  | Execution Date                   |               |                              |                     |                                  |                   |                   |               |            |                |            |              |            |
| John A. Bender  | 09/17/2010                       |               |                              |                     |                                  |                   |                   |               |            |                |            |              |            |
| Zhong Yang  | 09/20/2010                       |               |                              |                     |                                  |                   |                   |               |            |                |            |              |            |
| John F. Kadow   | 09/23/2010                       |               |                              |                     |                                  |                   |                   |               |            |                |            |              |            |
| <b>RECEIVING PARTY DATA</b>   |                                  |               |                              |                     |                                  |                   |                   |               |            |                |            |              |            |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Bristol-Myers Squibb Company</td> </tr> <tr> <td>Street Address:</td> <td>Route 206 and Province Line Road</td> </tr> <tr> <td>Internal Address:</td> <td>Patent Department</td> </tr> <tr> <td>City:</td> <td>Princeton</td> </tr> <tr> <td>State/Country:</td> <td>NEW JERSEY</td> </tr> <tr> <td>Postal Code:</td> <td>08543-4000</td> </tr> </table> |                                  | Name:         | Bristol-Myers Squibb Company | Street Address:     | Route 206 and Province Line Road | Internal Address: | Patent Department | City:         | Princeton  | State/Country: | NEW JERSEY | Postal Code: | 08543-4000 |
| Name:   | Bristol-Myers Squibb Company     |               |                              |                     |                                  |                   |                   |               |            |                |            |              |            |
| Street Address:   | Route 206 and Province Line Road |               |                              |                     |                                  |                   |                   |               |            |                |            |              |            |
| Internal Address:   | Patent Department                |               |                              |                     |                                  |                   |                   |               |            |                |            |              |            |
| City:   | Princeton                        |               |                              |                     |                                  |                   |                   |               |            |                |            |              |            |
| State/Country:  | NEW JERSEY                       |               |                              |                     |                                  |                   |                   |               |            |                |            |              |            |
| Postal Code:  | 08543-4000                       |               |                              |                     |                                  |                   |                   |               |            |                |            |              |            |
| PROPERTY NUMBERS Total: 1   |                                  |               |                              |                     |                                  |                   |                   |               |            |                |            |              |            |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12922927</td> </tr> </tbody> </table>   |                                  | Property Type | Number                       | Application Number: | 12922927                         |                   |                   |               |            |                |            |              |            |
| Property Type   | Number                           |               |                              |                     |                                  |                   |                   |               |            |                |            |              |            |
| Application Number:   | 12922927                         |               |                              |                     |                                  |                   |                   |               |            |                |            |              |            |
| <b>CORRESPONDENCE DATA</b>  |                                  |               |                              |                     |                                  |                   |                   |               |            |                |            |              |            |
| <p>Fax Number: (609)252-4526</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2036776974</p> <p>Email: patents@bms.com</p> <p>Correspondent Name: James Epperson</p> <p>Address Line 1: P.O. Box 4000</p> <p>Address Line 2: Patent Department</p> <p>Address Line 4: Princeton, NEW JERSEY 08543-4000</p>   |                                  |               |                              |                     |                                  |                   |                   |               |            |                |            |              |            |
| ATTORNEY DOCKET NUMBER:   | 11003-US-PCT                     |               |                              |                     |                                  |                   |                   |               |            |                |            |              |            |
| NAME OF SUBMITTER:  | James Epperson                   |               |                              |                     |                                  |                   |                   |               |            |                |            |              |            |
| Total Attachments: 4  |                                  |               |                              |                     |                                  |                   |                   |               |            |                |            |              |            |

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**PATENT**  
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**ASSIGNMENT**

We,

**John A. Bender, Zhong Yang, John F. Kadow,**

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 Rt. 206 & Province Line 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:

**DIOXOLANE AND DIOXOLANONE FUSED INDOLOBENZADIAZEPINE HCV NS5B INHIBITORS**

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

**Application No. 12/922,927, filed September 16, 2010**

**which is the national stage application of PCT/US09/38441, filed on March 26, 2009**

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;

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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 17<sup>th</sup> day of September, 2010 by *John A. Bender*  
**John A. Bender**

STATE OF Connecticut    )  
                                      ) ss. Wallingford  
COUNTY OF New Haven    )


On this day 17 of September, 2010, before me came **John A. Bender**, to me known to be the person of that name mentioned in, and who executed the foregoing Assignment and acknowledged that he executed it.

*Annamarie Bodisch*  
Notary Public

**ANNAMARIE BODISCH**  
Notary Public  
My Commission Expires March 31, 2015

[SEAL]

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Signed this 20th day of September, 2010 by   
Zhong Yang

STATE OF Connecticut     )  
  ) ss. Wallingford  
COUNTY OF New Haven    )

On this day 20 of September, 2010, before me came Zhong Yang, to me known to be  
the person of that name mentioned in, and who executed the foregoing Assignment and acknowledged that  
he executed it.

  
Notary Public

ANNAMARIE BODISCH  
Notary Public  
My Commission Expires March 31, 2015

[SEAL]

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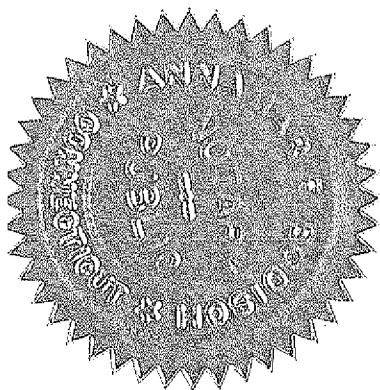
Signed this 23<sup>rd</sup> day of September, 2010 by *John F. Kadow*  
John F. Kadow

STATE OF Connecticut     )  
  ) ss. Wallingford  
COUNTY OF New Haven    )

On this day 23 of September, 2010, before me came John F. Kadow, to me known to be  
the person of that name mentioned in, and who executed the foregoing Assignment and acknowledged that  
he executed it.

*Annamarie Bodisch*  
Notary Public

ANNAMARIE BODISCH  
Notary Public  
My Commission Expires March 31, 2015



[SEAL]