

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

CORRECTIVE ASSIGNMENT

NATURE OF CONVEYANCE:

Corrective Assignment to correct the ASSIGNOR: PARUCH, KAMIL DOC DATE: 07/13/2007 previously recorded on Reel 022999 Frame 0770. Assignor (s) hereby confirms the ASSIGNOR: PARUCH, KAMIL DOC DATE: 07/31/2007.

CONVEYING PARTY DATA

| Name                       | Execution Date |
|----------------------------|----------------|
| TIMOTHY J. GUZI            | 08/13/2007     |
| KAMIL PARUCH               | 07/31/2007     |
| MICHAEL P. DWYER           | 07/31/2007     |
| RONALD J. DOLL             | 07/31/2007     |
| VIYYOOR M. GIRIJAVALLABHAN | 08/13/2007     |
| ALAN MALLAMS               | 08/20/2007     |
| CARMEN S. ALVAREZ          | 07/31/2007     |
| KARTIK M. KEERTIKAR        | 07/31/2007     |
| JOCELYN RIVERA             | 08/14/2007     |
| TIN-YAU CHAN               | 07/31/2007     |
| VINCENT S. MADISON         | 07/31/2007     |
| THIERRY O. FISCHMANN       | 08/01/2007     |
| PAUL KIRSCHMEIER           | 11/02/2007     |
| RAJAT BANNERJI             | 11/02/2007     |

RECEIVING PARTY DATA

|                 |                          |
|-----------------|--------------------------|
| Name:           | SCHERING CORPORATION     |
| Street Address: | 2000 GALLOPING HILL ROAD |
| City:           | KENILWORTH               |
| State/Country:  | NEW JERSEY               |
| Postal Code:    | 07033                    |

PROPERTY NUMBERS Total: 1

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 11788847 |

CORRESPONDENCE DATA

500955059

PATENT  
REEL: 023194 FRAME: 0305

CH \$40.00 11788847

Fax Number: (908)298-5388  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
Phone: 908-298-5255  
Email: shawn.m.armstrong@spcorp.com  
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

|                         |                 |
|-------------------------|-----------------|
| ATTORNEY DOCKET NUMBER: | OC01617K1BK     |
| NAME OF SUBMITTER:      | SHAWN ARMSTRONG |

**Total Attachments: 47**

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## PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

07/23/2009  
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| SUBMISSION TYPE:   | NEW ASSIGNMENT           |                      |                     |                          |              |            |                  |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
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| NATURE OF CONVEYANCE:  | ASSIGNMENT               |                      |                     |                          |              |            |                  |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| CONVEYING PARTY DATA   |                          |                      |                     |                          |              |            |                  |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| <table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>TIMOTHY J. GUZI</td><td>08/13/2007</td></tr><tr><td>KAMIL PARUCH</td><td>07/13/2007</td></tr><tr><td>MICHAEL P. DWYER</td><td>07/31/2007</td></tr><tr><td>RONALD J. DOLL</td><td>07/31/2007</td></tr><tr><td>VIYYOOR M. GIRIJAVALLABHAN</td><td>08/13/2007</td></tr><tr><td>ALAN MALLAMS</td><td>08/20/2007</td></tr><tr><td>CARMEN S. ALVAREZ</td><td>07/31/2007</td></tr><tr><td>KARTIK M. KEERTIKAR</td><td>07/31/2007</td></tr><tr><td>JOCELYN RIVERA</td><td>08/14/2007</td></tr><tr><td>TIN-YAU CHAN</td><td>07/31/2007</td></tr><tr><td>VINCENT S. MADISON</td><td>07/31/2007</td></tr><tr><td>THIERRY O. FISCHMANN</td><td>08/01/2007</td></tr><tr><td>PAUL KIRSCHMEIER</td><td>11/02/2007</td></tr><tr><td>RAJAT BANNERJI</td><td>11/02/2007</td></tr></tbody></table> | Name                     | Execution Date       | TIMOTHY J. GUZI     | 08/13/2007               | KAMIL PARUCH | 07/13/2007 | MICHAEL P. DWYER | 07/31/2007 | RONALD J. DOLL | 07/31/2007 | VIYYOOR M. GIRIJAVALLABHAN | 08/13/2007 | ALAN MALLAMS | 08/20/2007 | CARMEN S. ALVAREZ | 07/31/2007 | KARTIK M. KEERTIKAR | 07/31/2007 | JOCELYN RIVERA | 08/14/2007 | TIN-YAU CHAN | 07/31/2007 | VINCENT S. MADISON | 07/31/2007 | THIERRY O. FISCHMANN | 08/01/2007 | PAUL KIRSCHMEIER | 11/02/2007 | RAJAT BANNERJI | 11/02/2007 |  |
| Name   | Execution Date           |                      |                     |                          |              |            |                  |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| TIMOTHY J. GUZI  | 08/13/2007               |                      |                     |                          |              |            |                  |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| KAMIL PARUCH   | 07/13/2007               |                      |                     |                          |              |            |                  |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| MICHAEL P. DWYER   | 07/31/2007               |                      |                     |                          |              |            |                  |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| RONALD J. DOLL   | 07/31/2007               |                      |                     |                          |              |            |                  |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| VIYYOOR M. GIRIJAVALLABHAN   | 08/13/2007               |                      |                     |                          |              |            |                  |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| ALAN MALLAMS   | 08/20/2007               |                      |                     |                          |              |            |                  |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| CARMEN S. ALVAREZ  | 07/31/2007               |                      |                     |                          |              |            |                  |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| KARTIK M. KEERTIKAR  | 07/31/2007               |                      |                     |                          |              |            |                  |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| JOCELYN RIVERA   | 08/14/2007               |                      |                     |                          |              |            |                  |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| TIN-YAU CHAN   | 07/31/2007               |                      |                     |                          |              |            |                  |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| VINCENT S. MADISON   | 07/31/2007               |                      |                     |                          |              |            |                  |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| THIERRY O. FISCHMANN   | 08/01/2007               |                      |                     |                          |              |            |                  |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| PAUL KIRSCHMEIER   | 11/02/2007               |                      |                     |                          |              |            |                  |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| RAJAT BANNERJI   | 11/02/2007               |                      |                     |                          |              |            |                  |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| RECEIVING PARTY DATA   |                          |                      |                     |                          |              |            |                  |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| <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      |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| Name:  | SCHERING CORPORATION     |                      |                     |                          |              |            |                  |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| Street Address:  | 2000 GALLOPING HILL ROAD |                      |                     |                          |              |            |                  |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| City:  | KENILWORTH               |                      |                     |                          |              |            |                  |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| State/Country:   | NEW JERSEY               |                      |                     |                          |              |            |                  |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| Postal Code:   | 07033                    |                      |                     |                          |              |            |                  |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| 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>11788847</td></tr></tbody></table>   | Property Type            | Number               | Application Number: | 11788847                 |              |            |                  |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| Property Type  | Number                   |                      |                     |                          |              |            |                  |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| Application Number:  | 11788847                 |                      |                     |                          |              |            |                  |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| CORRESPONDENCE DATA  |                          |                      |                     |                          |              |            |                  |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| Fax Number:  | (908)298-5388            |                      |                     |                          |              |            |                  |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |

CH 11788847 \$40.00

SCHERING-PLOUGH CORPORATION COMPANY:2000 GALLOPING HILL ROAD

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Phone: 908-298-5255  
Email: shawn.m.armstrong@spcorp.com  
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

ATTORNEY DOCKET NUMBER:

OC01617K1BK

NAME OF SUBMITTER:

SHAWN ARMSTRONG

## Total Attachments: 40

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**PATENT ASSIGNMENT**

Electronic Version v1.1  
Stylesheet Version v1.1

| <b>SUBMISSION TYPE:</b>  | NEW ASSIGNMENT           |                      |                        |                          |              |            |                       |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
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| <b>NATURE OF CONVEYANCE:</b>   | ASSIGNMENT               |                      |                        |                          |              |            |                       |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| <b>CONVEYING PARTY DATA</b>  |                          |                      |                        |                          |              |            |                       |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
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| Name   | Execution Date           |                      |                        |                          |              |            |                       |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| TIMOTHY J. GUZI  | 08/13/2007               |                      |                        |                          |              |            |                       |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| KAMIL PARUCH   | 07/13/2007               |                      |                        |                          |              |            |                       |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| MICHAEL P. DWYER   | 07/31/2007               |                      |                        |                          |              |            |                       |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| RONALD J. DOLL   | 07/31/2007               |                      |                        |                          |              |            |                       |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| VIYYOOR M. GIRIJAVALLABHAN   | 08/13/2007               |                      |                        |                          |              |            |                       |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| ALAN MALLAMS   | 08/20/2007               |                      |                        |                          |              |            |                       |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| CARMEN S. ALVAREZ  | 07/31/2007               |                      |                        |                          |              |            |                       |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| KARTIK M. KEERTIKAR  | 07/31/2007               |                      |                        |                          |              |            |                       |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| JOCELYN RIVERA   | 08/14/2007               |                      |                        |                          |              |            |                       |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| TIN-YAU CHAN   | 07/31/2007               |                      |                        |                          |              |            |                       |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| VINCENT S. MADISON   | 07/31/2007               |                      |                        |                          |              |            |                       |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| THIERRY O. FISCHMANN   | 08/01/2007               |                      |                        |                          |              |            |                       |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| PAUL KIRSCHMEIER   | 11/02/2007               |                      |                        |                          |              |            |                       |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| RAJAT BANNERJI   | 11/02/2007               |                      |                        |                          |              |            |                       |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| <b>RECEIVING PARTY DATA</b>  |                          |                      |                        |                          |              |            |                       |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| <table border="1"><tr><td><b>Name:</b></td><td>SCHERING CORPORATION</td></tr><tr><td><b>Street Address:</b></td><td>2000 GALLOPING HILL ROAD</td></tr><tr><td><b>City:</b></td><td>KENILWORTH</td></tr><tr><td><b>State/Country:</b></td><td>NEW JERSEY</td></tr></table>  | <b>Name:</b>             | SCHERING CORPORATION | <b>Street Address:</b> | 2000 GALLOPING HILL ROAD | <b>City:</b> | KENILWORTH | <b>State/Country:</b> | NEW JERSEY |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| <b>Name:</b>   | SCHERING CORPORATION     |                      |                        |                          |              |            |                       |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| <b>Street Address:</b>   | 2000 GALLOPING HILL ROAD |                      |                        |                          |              |            |                       |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| <b>City:</b>   | KENILWORTH               |                      |                        |                          |              |            |                       |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |
| <b>State/Country:</b>  | NEW JERSEY               |                      |                        |                          |              |            |                       |            |                |            |                            |            |              |            |                   |            |                     |            |                |            |              |            |                    |            |                      |            |                  |            |                |            |  |

|              |       |
|--------------|-------|
| Postal Code: | 07033 |
|--------------|-------|

**PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 11788847 |

**CORRESPONDENCE DATA**

**Fax Number:** (908)298-5388  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
**Phone:** 908-298-5255  
**Email:** shawn.m.armstrong@spcorp.com  
**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

**ATTORNEY DOCKET  
NUMBER:**

OC01617K1BK

**NAME OF SUBMITTER:**

SHAWN ARMSTRONG

**Signature:**

/SA/

**Date:**

07/21/2009

**Total Attachments: 40**

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(Non-Provisional Joint)

PATENT CASE: OC01617K1BK

## ASSIGNMENT

For good and valuable consideration paid to us

(1) TIMOTHY J. GUZI  
(2) KAMIL PARUCH  
(3) MICHAEL P. DWYER  
(4) RONALD J. DOLL  
(5) VIYYOOR M. GIRIJAVALLABHAN  
(6) ALAN MALLAMS  
(7) CARMEN S. ALVAREZ

(8) KARTIK M. KEERTIKAR  
(9) JOCELYN RIVERA  
(10) TIN-YAU CHAN  
(11) VINCENT S. MADISON  
(12) THIERRY O. FISCHMANN  
(13) PAUL KIRSCHMEIER  
(14) RAJAT BANNERJI

respectively residing at

(1) CHATHAM, NJ  
(2) GARWOOD, NJ  
(3) SCOTCH PLAINS, NJ  
(4) CONVENT STATION, NJ  
(5) PARSIPPANY, NJ  
(6) HACKETTSTOWN, NJ  
(7) LIVINGSTON, NJ

(8) EAST WINDSOR, NJ  
(9) MONMOUTH JUNCTION, NJ  
(10) EDISON, NJ  
(11) MOUNTAIN LAKES, NJ  
(12) SCOTCH PLAINS, NJ  
(13) BASKING RIDGE, NJ  
(14) MORRISTOWN, NJ

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 PYRAZOLOPYRIMIDINES AS CYCLIN DEPENDENT KINASE INHIBITORS

and officially identified\* by the United States Patent and Trademark Office as Application Number 11/788,847 filed on, **April 20, 2007** and/or by the World Intellectual Property Organization as International Patent Application Number \_\_\_\_\_ filed on \_\_\_\_\_, 20\_\_\_\_, 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 thereof, 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 \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
**TIMOTHY J. GUZI** L.S.

#### ACKNOWLEDGEMENT


State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**TIMOTHY J. GUZI** 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 31 day of July, 2007.

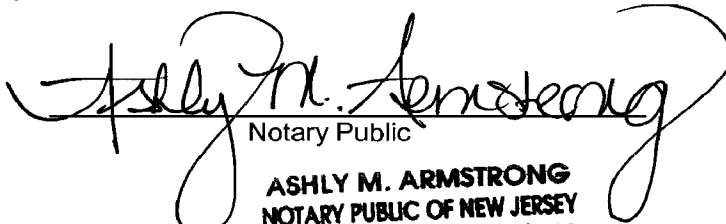
 L.S.  
**KAMIL PARUCH**

#### ACKNOWLEDGEMENT

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

On this 31<sup>st</sup> day of July, 2007, personally appeared before me  
**KAMIL PARUCH** 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.

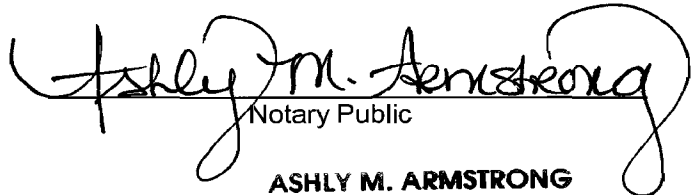
(Seal)

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

Executed this 31 day of July, 2007.Michael P. Dwyer L.S.  
**MICHAEL P. DWYER****ACKNOWLEDGEMENT**State of New Jersey )  
County of Union ) s.s.:

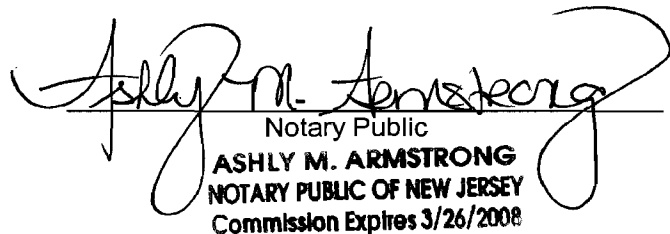
On this 31<sup>st</sup> day of July, 2007, personally appeared before me  
MICHAEL P. DWYER to me known, and known by me to be the same person described  
in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of  
his (her) own free will for the purpose set forth.

(Seal)

  
Notary Public**ASHLY M. ARMSTRONG**  
**NOTARY PUBLIC OF NEW JERSEY**  
Commission Expires 3/26/2008Executed this 31 day of July, 2007.Ronald J. Doll L.S.  
**RONALD J. DOLL****ACKNOWLEDGEMENT**State of New Jersey )  
County of Union ) s.s.:

On this 31<sup>st</sup> day of July, 2007, personally appeared before me  
RONALD J. DOLL 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 \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
L.S.  
**VIYYOOR M. GIRIJAVALLABHAN**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, 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)

\_\_\_\_\_  
Notary Public

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
L.S.  
**ALAN MALLAMS**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**ALAN MALLAMS** 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 31 day of July, 2007.  
[Signature] L.S.  
**CARMEN S. ALVAREZ**

**ACKNOWLEDGEMENT**

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

On this 31<sup>st</sup> day of July, 2007, personally appeared before me  
**CARMEN S. ALVAREZ** 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)

[Signature]  
Notary Public

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

Executed this 31 day of July, 2007.  
[Signature] L.S.  
**KARTIK M. KEERTIKAR**

**ACKNOWLEDGEMENT**

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

On this 31 day of July, 2007, personally appeared before me  
**KARTIK M. KEERTIKAR** 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)

[Signature]  
Notary Public

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

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
**JOCELYN RIVERA** L.S.**ACKNOWLEDGEMENT**State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**JOCELYN RIVERA** 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 31 day of July, 2007.  
Tin-Yau Chan L.S.  
**TIN-YAU CHAN****ACKNOWLEDGEMENT**State of New Jersey )  
County of Union ) s.s.:

On this 31<sup>st</sup> day of July, 2007, personally appeared before me  
**TIN-YAU CHAN** 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.

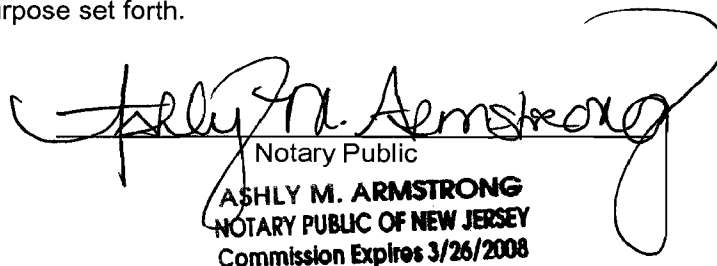
(Seal)

\_\_\_\_\_  
Notary Public

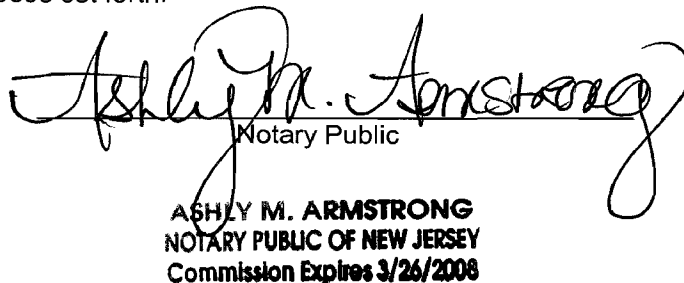
**ASHLY M. ARMSTRONG**  
NOTARY PUBLIC OF NEW JERSEY  
Commission Expires 3/26/2008

Executed this 31<sup>st</sup> day of July, 2007.Vincent S. Madison L.S.  
**VINCENT S. MADISON****ACKNOWLEDGEMENT**State of New Jersey )  
County of Union ) s.s.:On this 31<sup>st</sup> day of July, 2007, personally appeared before me  
**VINCENT S. MADISON** 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 1<sup>st</sup> day of August, 2007.Thierry O. Fischmann L.S.  
**THIERRY O. FISCHMANN****ACKNOWLEDGEMENT**State of New Jersey )  
County of Union ) s.s.:On this 1<sup>st</sup> day of August, 2007, personally appeared before me  
**THIERRY O. FISCHMANN** 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 2 day of November, 2007.Paul Kirschmeier L.S.  
**PAUL KIRSCHMEIER****ACKNOWLEDGEMENT**State of New Jersey )  
County of Union ) s.s.:On this 2 day of November, 2007, personally appeared before me  
PAUL KIRSCHMEIER 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 3/26/2008Executed this 2<sup>nd</sup> day of November, 2007.Rajat Bannerji L.S.  
**RAJAT BANNERJI****ACKNOWLEDGEMENT**State of New Jersey )  
County of Union ) s.s.:On this 2<sup>nd</sup> day of November, 2007, personally appeared before me  
RAJAT BANNERJI 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

(Non-Provisional Joint)

PATENT CASE: OC01617K1BK

## ASSIGNMENT

For good and valuable consideration paid to us

|                                      |                                  |
|--------------------------------------|----------------------------------|
| (1) <u>TIMOTHY J. GUZI</u>           | (8) <u>KARTIK M. KEERTIKAR</u>   |
| (2) <u>KAMIL PARUCH</u>              | (9) <u>JOCELYN RIVERA</u>        |
| (3) <u>MICHAEL P. DWYER</u>          | (10) <u>TIN-YAU CHAN</u>         |
| (4) <u>RONALD J. DOLL</u>            | (11) <u>VINCENT S. MADISON</u>   |
| (5) <u>VIYYOOR M. GIRJAVALLABHAN</u> | (12) <u>THIERRY O. FISCHMANN</u> |
| (6) <u>ALAN MALLAMS</u>              | (13) <u>PAUL KIRSCHMEIER</u>     |
| (7) <u>CARMEN S. ALVAREZ</u>         | (14) <u>RAJAT BANNERJI</u>       |

respectively residing at

|                                |                                  |
|--------------------------------|----------------------------------|
| (1) <u>CHATHAM, NJ</u>         | (8) <u>EAST WINDSOR, NJ</u>      |
| (2) <u>GARWOOD, NJ</u>         | (9) <u>MONMOUTH JUNCTION, NJ</u> |
| (3) <u>SCOTCH PLAINS, NJ</u>   | (10) <u>EDISON, NJ</u>           |
| (4) <u>CONVENT STATION, NJ</u> | (11) <u>MOUNTAIN LAKES, NJ</u>   |
| (5) <u>PARSIPPANY, NJ</u>      | (12) <u>SCOTCH PLAINS, NJ</u>    |
| (6) <u>HACKETTSTOWN, NJ</u>    | (13) <u>BASKING RIDGE, NJ</u>    |
| (7) <u>LIVINGSTON, NJ</u>      | (14) <u>MORRISTOWN, 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 PYRAZOLOPYRIMIDINES AS CYCLIN DEPENDENT KINASE INHIBITORS

and officially identified\* by the United States Patent and Trademark Office as Application Number 11/788,847 filed on, **April 20, 2007** and/or by the World Intellectual Property Organization as International Patent Application Number \_\_\_\_\_ filed on \_\_\_\_\_, 20\_\_\_\_, 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 \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
**TIMOTHY J. GUZI** L.S.

#### ACKNOWLEDGEMENT

State of \_\_\_\_\_ )  
\_\_\_\_\_) s.s.:  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**TIMOTHY J. GUZI** 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\_\_\_\_.

\_\_\_\_\_  
**KAMIL PARUCH** L.S.

#### ACKNOWLEDGEMENT

State of \_\_\_\_\_ )  
\_\_\_\_\_) s.s.:  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**KAMIL PARUCH** 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\_\_\_\_.

\_\_\_\_\_  
**MICHAEL P. DWYER** L.S.

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**MICHAEL P. DWYER** 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\_\_\_\_.

\_\_\_\_\_  
**RONALD J. DOLL** L.S.

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**RONALD J. DOLL** 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\_\_\_\_.

\_\_\_\_\_  
**VIYYOOR M. GIRJAVALLABHAN** L.S.**ACKNOWLEDGEMENT**State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**VIYYOOR M. GIRJAVALLABHAN** 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 20<sup>th</sup> day of August, 2007.  
Alan Mallams L.S.  
**ALAN MALLAMS**

**ACKNOWLEDGEMENT**State of New Jersey )  
County of Morris ) s.s.:

On this 20 day of August, 2007, personally appeared before me  
**ALAN MALLAMS** 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

JESSICA LEIGH BALLENTINE  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires Apr. 26, 2008

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
**CARMEN S. ALVAREZ** L.S.**ACKNOWLEDGEMENT**State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**CARMEN S. ALVAREZ** 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\_\_\_\_.

\_\_\_\_\_  
**KARTIK M. KEERTIKAR** L.S.**ACKNOWLEDGEMENT**State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**KARTIK M. KEERTIKAR** 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\_\_\_\_.

\_\_\_\_\_  
**JOCELYN RIVERA** L.S.**ACKNOWLEDGEMENT**State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**JOCELYN RIVERA** 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\_\_\_\_.

\_\_\_\_\_  
**TIN-YAU CHAN** L.S.**ACKNOWLEDGEMENT**State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**TIN-YAU CHAN** 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.  
**VINCENT S. MADISON**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**VINCENT S. MADISON** 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.  
**THIERRY O. FISCHMANN**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**THIERRY O. FISCHMANN** 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.  
**PAUL KIRSCHMEIER**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**PAUL KIRSCHMEIER** 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.  
**RAJAT BANNERJI**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**RAJAT BANNERJI** 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

(Non-Provisional Joint)

PATENT CASE: OC01617K1BK

## ASSIGNMENT

For good and valuable consideration paid to us

(1) TIMOTHY J. GUZI  
(2) KAMIL PARUCH  
(3) MICHAEL P. DWYER  
(4) RONALD J. DOLL  
(5) VIYYOOR M. GIRIJAVALLABHAN  
(6) ALAN MALLAMS  
(7) CARMEN S. ALVAREZ

(8) KARTIK M. KEERTIKAR  
(9) JOCELYN RIVERA  
(10) TIN-YAU CHAN  
(11) VINCENT S. MADISON  
(12) THIERRY O. FISCHMANN  
(13) PAUL KIRSCHMEIER  
(14) RAJAT BANNERJI

respectively residing at

(1) CHATHAM, NJ  
(2) GARWOOD, NJ  
(3) SCOTCH PLAINS, NJ  
(4) CONVENT STATION, NJ  
(5) PARSIPPANY, NJ  
(6) HACKETTSTOWN, NJ  
(7) LIVINGSTON, NJ

(8) EAST WINDSOR, NJ  
(9) MONMOUTH JUNCTION, NJ  
(10) EDISON, NJ  
(11) MOUNTAIN LAKES, NJ  
(12) SCOTCH PLAINS, NJ  
(13) BASKING RIDGE, NJ  
(14) MORRISTOWN, NJ

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 PYRAZOLOPYRIMIDINES AS CYCLIN DEPENDENT KINASE INHIBITORS

and officially identified\* by the United States Patent and Trademark Office as Application Number 11/788,847 filed on, **April 20, 2007** and/or by the World Intellectual Property Organization as International Patent Application Number \_\_\_\_\_ filed on \_\_\_\_\_, 20\_\_\_\_, 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

PATENT


REEL: 023194 FRAME: 0328



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 13<sup>th</sup> day of August, 20 07.

 L.S.  
**TIMOTHY J. GUZI**

**ACKNOWLEDGEMENT**

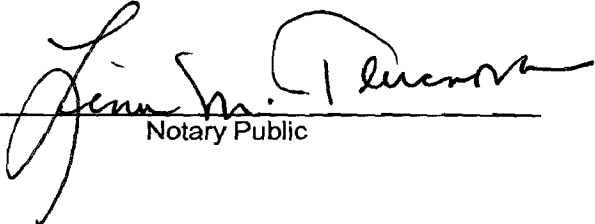
State of Massachusetts )  
County of Middlesex ) s.s.:

On this 13<sup>th</sup> day of August, 20 07, personally appeared before me  
**TIMOTHY J. GUZI** 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)



**LINA M. TERRANOVA**  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
October 26, 2012

  
Notary Public

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
L.S.  
**KAMIL PARUCH**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**KAMIL PARUCH** 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.  
**MICHAEL P. DWYER****ACKNOWLEDGEMENT**State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**MICHAEL P. DWYER** 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.  
**RONALD J. DOLL****ACKNOWLEDGEMENT**State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**RONALD J. DOLL** 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.  
**VIYYOOR M. GIRIJAVALLABHAN**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, 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)

\_\_\_\_\_  
Notary Public

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
L.S.  
**ALAN MALLAMS**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**ALAN MALLAMS** 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.  
**CARMEN S. ALVAREZ**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**CARMEN S. ALVAREZ** 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.  
**KARTIK M. KEERTIKAR**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**KARTIK M. KEERTIKAR** 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.  
**JOCELYN RIVERA****ACKNOWLEDGEMENT**State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me  
**JOCELYN RIVERA** 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.  
**TIN-YAU CHAN****ACKNOWLEDGEMENT**State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me  
**TIN-YAU CHAN** 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.  
**VINCENT S. MADISON**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**VINCENT S. MADISON** 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.  
**THIERRY O. FISCHMANN**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**THIERRY O. FISCHMANN** 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\_\_\_\_.

\_\_\_\_\_  
**PAUL KIRSCHMEIER** L.S.**ACKNOWLEDGEMENT**State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**PAUL KIRSCHMEIER** 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\_\_\_\_.

\_\_\_\_\_  
**RAJAT BANNERJI** L.S.**ACKNOWLEDGEMENT**State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**RAJAT BANNERJI** 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

(Non-Provisional Joint)

PATENT CASE: OC01617K1BK

## ASSIGNMENT

For good and valuable consideration paid to us

(1) TIMOTHY J. GUZI  
(2) KAMIL PARUCH  
(3) MICHAEL P. DWYER  
(4) RONALD J. DOLL  
(5) VIYYOOR M. GIRIJAVALABHAN  
(6) ALAN MALLAMS  
(7) CARMEN S. ALVAREZ

(8) KARTIK M. KEERTIKAR  
(9) JOCELYN RIVERA  
(10) TIN-YAU CHAN  
(11) VINCENT S. MADISON  
(12) THIERRY O. FISCHMANN  
(13) PAUL KIRSCHMEIER  
(14) RAJAT BANNERJI

respectively residing at

(1) CHATHAM, NJ  
(2) GARWOOD, NJ  
(3) SCOTCH PLAINS, NJ  
(4) CONVENT STATION, NJ  
(5) PARSIPPANY, NJ  
(6) HACKETTSTOWN, NJ  
(7) LIVINGSTON, NJ

(8) EAST WINDSOR, NJ  
(9) MONMOUTH JUNCTION, NJ  
(10) EDISON, NJ  
(11) MOUNTAIN LAKES, NJ  
(12) SCOTCH PLAINS, NJ  
(13) BASKING RIDGE, NJ  
(14) MORRISTOWN, NJ

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 PYRAZOLOPYRIMIDINES AS CYCLIN DEPENDENT KINASE INHIBITORS

and officially identified\* by the United States Patent and Trademark Office as Application Number 11/788,847 filed on, **April 20, 2007** and/or by the World Intellectual Property Organization as International Patent Application Number \_\_\_\_\_ filed on \_\_\_\_\_, 20\_\_\_\_, 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

PATENT

REEL: 023194 FRAME: 0336



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 \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
**TIMOTHY J. GUZI** L.S.

#### ACKNOWLEDGEMENT

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**TIMOTHY J. GUZI** 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\_\_\_\_.

\_\_\_\_\_  
**KAMIL PARUCH** L.S.

#### ACKNOWLEDGEMENT

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**KAMIL PARUCH** 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.  
**MICHAEL P. DWYER****ACKNOWLEDGEMENT**State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**MICHAEL P. DWYER** 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.  
**RONALD J. DOLL****ACKNOWLEDGEMENT**State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**RONALD J. DOLL** 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 13 day of August, 2007.Viyoor M. Girijavallabhan L.S.  
**VIYYOOR M. GIRIJAVALLABHAN****ACKNOWLEDGEMENT**State of New Jersey )  
County of Union ) s.s.:

On this 13<sup>th</sup> day of August, 2007, 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)

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.  
**ALAN MALLAMS****ACKNOWLEDGEMENT**State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
ALAN MALLAMS 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.  
**CARMEN S. ALVAREZ**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**CARMEN S. ALVAREZ** 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.  
**KARTIK M. KEERTIKAR**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**KARTIK M. KEERTIKAR** 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.  
**JOCELYN RIVERA**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**JOCELYN RIVERA** 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.  
**TIN-YAU CHAN**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**TIN-YAU CHAN** 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.  
**VINCENT S. MADISON**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**VINCENT S. MADISON** 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.  
**THIERRY O. FISCHMANN**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**THIERRY O. FISCHMANN** 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.  
**PAUL KIRSCHMEIER****ACKNOWLEDGEMENT**State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**PAUL KIRSCHMEIER** 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.  
**RAJAT BANNERJI****ACKNOWLEDGEMENT**State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**RAJAT BANNERJI** 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

(Non-Provisional Joint)

PATENT CASE: OC01617K1BK

## ASSIGNMENT

For good and valuable consideration paid to us

(1) TIMOTHY J. GUZI  
(2) KAMIL PARUCH  
(3) MICHAEL P. DWYER  
(4) RONALD J. DOLL  
(5) VIYYOOR M. GIRIJAVALLABHAN  
(6) ALAN MALLAMS  
(7) CARMEN S. ALVAREZ

(8) KARTIK M. KEERTIKAR  
(9) JOCELYN RIVERA  
(10) TIN-YAU CHAN  
(11) VINCENT S. MADISON  
(12) THIERRY O. FISCHMANN  
(13) PAUL KIRSCHMEIER  
(14) RAJAT BANNERJI

respectively residing at

(1) CHATHAM, NJ  
(2) GARWOOD, NJ  
(3) SCOTCH PLAINS, NJ  
(4) CONVENT STATION, NJ  
(5) PARSIPPANY, NJ  
(6) HACKETTSTOWN, NJ  
(7) LIVINGSTON, NJ

(8) EAST WINDSOR, NJ  
(9) MONMOUTH JUNCTION, NJ  
(10) EDISON, NJ  
(11) MOUNTAIN LAKES, NJ  
(12) SCOTCH PLAINS, NJ  
(13) BASKING RIDGE, NJ  
(14) MORRISTOWN, NJ

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 PYRAZOLOPYRIMIDINES AS CYCLIN DEPENDENT KINASE INHIBITORS

and officially identified\* by the United States Patent and Trademark Office as Application Number 11/788,847 filed on, **April 20, 2007** and/or by the World Intellectual Property Organization as International Patent Application Number \_\_\_\_\_ filed on \_\_\_\_\_, 20\_\_\_\_, 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 \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
**TIMOTHY J. GUZI** L.S.

#### ACKNOWLEDGEMENT

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**TIMOTHY J. GUZI** 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\_\_\_\_.

\_\_\_\_\_  
**KAMIL PARUCH** L.S.

#### ACKNOWLEDGEMENT

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**KAMIL PARUCH** 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.  
**MICHAEL P. DWYER****ACKNOWLEDGEMENT**State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**MICHAEL P. DWYER** 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.  
**RONALD J. DOLL****ACKNOWLEDGEMENT**State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**RONALD J. DOLL** 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.  
**VIYYOOR M. GIRIJAVALLABHAN****ACKNOWLEDGEMENT**State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, 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)

\_\_\_\_\_  
Notary Public

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_  
L.S.  
**ALAN MALLAMS****ACKNOWLEDGEMENT**State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me  
**ALAN MALLAMS** 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.  
**CARMEN S. ALVAREZ**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**CARMEN S. ALVAREZ** 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.  
**KARTIK M. KEERTIKAR**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**KARTIK M. KEERTIKAR** 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.

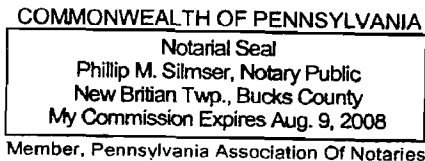
(Seal)

\_\_\_\_\_  
Notary Public

Executed this 14<sup>th</sup> day of AUGUST, 2007.JOCELYN RIVERA L.S.  
*JOCELYN RIVERA***ACKNOWLEDGEMENT**State of PA )  
County of BUCKS ) s.s.:

On this 14<sup>th</sup> day of AUGUST, 2007, personally appeared before me  
JOCELYN RIVERA 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)

*Phillip M. Silmser*  
Notary Public

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
L.S.  
**TIN-YAU CHAN****ACKNOWLEDGEMENT**State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
TIN-YAU CHAN 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.

**VINCENT S. MADISON**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**VINCENT S. MADISON** 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.

**THIERRY O. FISCHMANN**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**THIERRY O. FISCHMANN** 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\_\_\_\_.

\_\_\_\_\_  
**PAUL KIRSCHMEIER** L.S.

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**PAUL KIRSCHMEIER** 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\_\_\_\_.

\_\_\_\_\_  
**RAJAT BANNERJI** L.S.

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**RAJAT BANNERJI** 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