| 3/       | 30/       | 6                   |
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| Form PTC |           |                     |
| OMB No.  | 06451-002 | ?7 (exp. 6/30/2005) |



DEPARTMENT OF COMMERCE ates Patent and Trademark Office

|  | ((1)  | ļ      |
|--|---|--------|
| 103  | 3214890   | 1      |
| To the Director of the U.S. Patent and Trademark Office: Pleas   | e record the attached documents or the new address(es) below.             | ]      |
| Name of conveying party(ies)/Execution     Date(s):  | 2. Name and address of receiving party(ies):                              | S. PTO |
| Karen J. Shaw  | Name: Janssen Pharmaceutica N.V.  | S.U 60 |
|  | Street Address: Turnhoutseweg 30  | 113009 |
| Execution Date(s): March 27, 2006  | City: Beerse<br>State:  |        |
| Execution Date(s). Warch 27, 2000  | Country: Belgium Zip: B-2340  |        |
| Additional name(s) of conveying party(ies) attached?   Yes   No  | Additional name(s) & address(es) attached? ☐ Yes ☒No                      |        |
| 3. Nature of conveyance:   |   | İ      |
| Assignment   |   |        |
| 4. Application or patent number(s):  | nent is being filed together with a new application.                      |        |
| A. Patent Application No.(s)   | B. Patent No.(s)  |        |
|  |   |        |
| Additional numbers atta  | ched? Yes No  |        |
| 5. Name and address of party to whom correspondence concerning document should be mailed:                    | 6. Total number of applications & patents involved:  1                    |        |
| Philip S. Johnson, Esq.  |   |        |
| Chief Patent Counsel Johnson & Johnson One Johnson & Johnson Plaza New Brunswick, NJ 08933-7003              | 7. Total fee (37 CFR 1.21(h) & 3.41)                                      |        |
| Phone: (858) 320-3549 Fax: (732) 524-2808 Email Address: JTimoned@jjcus.jnj.com                              | 11393558  |        |
|  | 8. Payment Information  |        |
|  | Deposit Account Number: 10-0750   |        |
| 9. Signature   | March 30, 2006 Date   |        |
| Jesus Juanos I Timoneda  | Total number of pages including cover sheet, ttachments, and document: 15 |        |
| Documents to be recorded (including cover sheet) s Mail Stop Assignment Recordation Services, Director of th |   |        |

**PATENT** 

## ASSIGNMENT

Serial No. Filed March 30, 2006

WHEREAS, Brett D. ALLISON, Laurent GOMEZ, Cheryl A. GRICE, Michael D. HACK, Brian J. MORROW, S. Timothy MOTLEY, Alejandro SANTILLÁN, Jr., Karen J. SHAW, Kimberly L. SCHWARZ, Liu Y. TANG, Hariharan VENKATESAN, and John J. M. WIENER, residing respectively at 2741 Caminito Cedros, Del Mar, CA 92014, 13270 Russet Leaf Lane, San Diego, CA 92129, 3449 Camino Corte, Carlsbad, CA 92009, 12928 Carmel Creek Road, #45, San Diego, CA 92130, 96 Old Mountain Road, Lebanon, NJ 08833, 4447 Dorchester Place, Carlsbad, CA 92008, 12515 El Camino Real, #B, San Diego, CA 92130, 14440 Trailwind Road, Poway, CA 92064, 4507 Chateau Drive, San Diego, CA 92117, 4297 Corte Langostino, San Diego, CA 92130, 17065 Bernardo Oaks Drive, San Diego, CA 92128, and 357 Playa del Sur, #2, La Jolla, CA 92037 (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

## BICYCLIC PYRAZOLE COMPOUNDS AS ANTIBACTERIAL AGENTS

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

WHEREAS, Janssen Pharmaceutica, N.V., ("Assignee") a Belgium corporation having an address of Turnhoutseweg 30, B-2340 Beerse, Belgium is desirous of acquiring Assignors' entire right, title, and interest therein;

THEREFORE, BE ITKNOWN that for consideration of the sum of One Dollar and other valuable considerations to them moving, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and do hereby sell, assign and transfer unto said Assignee their entire right, title and interest in and to all said inventions discoveries disclosed in said application identification above by serial number and filing date, when available is hereby authorized, and in and to said application, all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and

Page 1 of 14

PATENT REEL: 017754 FRAME: 0759 as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and sale had not been made;

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

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

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

Assignor(s) hereby authorize(s) Assignee and Assignee's representatives to enter into this Assignment information concerning docketing identifiers and/or U.S. Patent and Trademark Office filing identifiers when such information becomes available. Signatures of all twelve (12) inventors are found on the following twelve (12) pages.

|            | IN       | TES'    | rimoni | Y WHEF         | REOF,    | Assig          | nor   | has   | signed    | this        |
|------------|----------|---------|--------|----------------|----------|----------------|-------|-------|-----------|-------------|
| Assignment | on       | the     | date   | identi         | fied     | below.         |       |       |           |             |
|            |          |         |        |                |          |                |       |       |           |             |
| •          | <u> </u> |         |        |                |          |                | ·     |       |           | <del></del> |
| Date       |          |         |        |                | Bret     | t D. A         | LLISO | N     |           |             |
|            |          |         |        |                | Resid    | dence:         | Del   | Mar,  | CA        |             |
|            |          |         |        |                |          |                |       |       |           |             |
|            |          |         |        |                |          |                |       |       |           |             |
| STATE OF C | 7 T T T  | דואכורי | . 74   |                | `        |                |       |       |           |             |
| STATE OF C | WTTT     | OKM     | .A     |                | )<br>) s | s.             |       |       |           |             |
| COUNTY OF  | SAN      | DIEG    | O      |                | )        |                |       |       |           |             |
|            |          |         |        |                |          |                |       |       |           |             |
| On         |          |         | 2006   | 5, bef         | ore m    | e, <u>S</u> ar | anel  | Sali  | nas, a p  | ublic       |
| notary, pe | rsor     | ally    | appe   | eared <u>E</u> | Brett    | D. All         | lison | , per | sonally   | known       |
| to me (or  | pro      | ved     | to me  | on th          | e bas    | is of          | sati  | sfact | ory evid  | ence)       |
| to be the  | рe       | rson    | (s) w  | hose i         | name(s   | s) is/         | are   | subsc | ribed to  | the         |
| within ins | stru     | ment    | and    | ackno          | wledg    | red to         | me    | that  | he/she    | /they       |
| executed t | he       | same    | in     | his/he         | r/the:   | ir aut         | horiz | zed c | apacity(  | ies),       |
| and that h | oy h     | is/h    | er/th  | eir si         | .gnatu   | re(s)          | on t  | he i  | nstrument | t the       |
| person(s), | or       | the     | enti   | ty upo         | on be    | half d         | of wh | ich   | the pers  | on(s)       |
| acted, exe | cute     | d th    | e ins  | trumen         | t.       |                |       |       |           |             |
|            |          |         |        |                |          |                |       |       |           |             |
| WITNESS my | han      | d an    | d off  | icial          | seal.    |                |       |       |           |             |
|            |          |         |        |                |          |                |       |       |           |             |
|            |          |         |        |                |          |                |       |       |           |             |
| Signature  |          |         |        |                |          |                |       | (CENT |           | •           |

Page 3 of 14

| IN TESTIMONY WHERE              | OF, Assignor has signed this            |
|---------------------------------|---|
| Assignment on the date identif: | ied below.                              |
|                                 |   |
|                                 |   |
| Date                            | Laurent GOMEZ                           |
| 1                               | Residence: San Diego, CA                |
|                                 |   |
|                                 |   |
| CMAME OF CALTRODAL              |   |
| STATE OF CALIFORNIA             | )<br>) ss.                              |
| COUNTY OF SAN DIEGO             | )                                       |
|                                 |   |
| On, 2006, befor                 | e me, <u>Saranel Salinas</u> , a public |
|                                 | urent Gomez, personally known to        |
| me (or proved to me on the bas  | sis of satisfactory evidence) to        |
| be the person(s) whose name(s)  | is/are subscribed to the within         |
| instrument and acknowledged t   | o me that he/she/they executed          |
| the same in his/her/their aut   | horized capacity(ies), and that         |
| by his/her/their signature(s)   | on the instrument the person(s),        |
| or the entity upon behalf       | of which the person(s) acted,           |
| executed the instrument.        |   |
|                                 |   |
| WITNESS my hand and official se | eal.                                    |
|                                 |   |
|                                 |   |
| Signature                       | (SEAL)                                  |

Page 4 of 14

| IN TESTIMONY WHE             | EREOF,    | Assignor         | has    | signed   | this  |
|------------------------------|-----------|------------------|--------|----------|-------|
| Assignment on the date ident | ified b   | elow.            |        |          |       |
|                              |           |                  |        |          |       |
|                              |           |                  |        |          |       |
| Date                         | Chery     | l A. GRICE       | 3      |          |       |
|                              | Reside    | ence: Carl       | sbad,  | CA       |       |
|                              |           |                  |        |          |       |
|                              |           |                  |        |          |       |
| CONTROL OF CALTEONAL         | ,         |                  |        |          |       |
| STATE OF CALIFORNIA          | )<br>) ss | •                |        |          |       |
| COUNTY OF SAN DIEGO          | )         |                  |        |          |       |
|                              |           |                  |        |          |       |
| On, 2006, be:                | fore me   | , <u>Saranel</u> | Salin  | nas, a p | ublic |
| notary, personally appeared  | Cheryl    | A. Grice         | , pers | sonally  | known |
| to me (or proved to me on t  | he basi   | s of sati        | sfacto | ory evid | ence) |
| to be the person(s) whose    | name(s)   | is/are           | subsc: | ribed to | the   |
| within instrument and ackr   | nowledge  | d to me          | that   | he/she   | /they |
| executed the same in his/h   | er/thei   | r authori:       | zed ca | apacity( | ies), |
| and that by his/her/their s  | signatur  | e(s) on t        | the in | strument | the:  |
| person(s), or the entity up  | oon beh   | alf of wh        | nich t | he pers  | on(s) |
| acted, executed the instrume | nt.       |                  |        |          |       |
|                              |           |                  |        |          |       |
| WITNESS my hand and official | seal.     |                  |        |          |       |
|                              |           |                  |        |          |       |
|                              |           |                  |        |          |       |
| Signature                    |           |                  | (SEAL  | )        |       |

Page 5 of 14

|            | IN                  | TES:  | TIMONY | ? WHE  | REOF,  | Assig         | gnor | has   | signed    | this  |
|------------|---------------------|-------|--------|--------|--------|---------------|------|-------|-----------|-------|
| Assignment | on                  | the   | date   | identi | fied   | below.        |      |       |           |       |
|            |                     |       |        |        |        |               |      |       |           |       |
| Date       |                     |       |        |        | Mich   | ael D.        | HACK | ζ.    |           |       |
|            |                     |       |        |        | Resi   | dence:        | San  | Diego | , CA      |       |
|            |                     |       |        |        |        |               |      |       |           |       |
| STATE OF C | 'AT <sub>'</sub> TF | TORNI | - A    |        | )      |               |      |       |           |       |
|            |                     | 01411 | -23    |        | ) s    | s.            |      |       |           |       |
| COUNTY OF  | SAN                 | DIE   | 30     |        | )      |               |      |       |           |       |
|            |                     |       |        |        |        |               |      |       |           |       |
| On         |                     |       | , 2006 | 5, bef | ore m  | e, <u>Sar</u> | anel | Sali  | nas, a p  | ublic |
| notary, pe | ersoi               | nally | y appe | eared  | Micha  | el D.         | Hack | , per | sonally   | known |
| to me (or  | pro                 | ved   | to me  | on th  | e bas  | sis of        | sati | sfact | ory evid  | ence) |
| to be the  | рe                  | rson  | (s) w  | hose i | name(: | s) is/        | are  | subsc | ribed to  | the   |
| within in  | stru                | ment  | and    | ackno  | owledg | ged to        | me   | that  | he/she    | /they |
| executed t | he                  | same  | in :   | his/he | r/the  | ir aut        | hori | zed c | apacity(  | ies), |
| and that l | oy h                | nis/h | er/th  | eir si | ignatı | ıre(s)        | on t | the i | nstrument | the   |
| person(s), |                     |       |        |        |        |               |      |       |           |       |
| acted, exe |                     |       |        |        |        |               |      |       | _         |       |
|            |                     |       |        |        |        |               |      |       |           |       |
| WITNESS my | han                 | ıd ar | d off  | icial  | seal.  |               |      |       |           |       |
|            |                     |       |        |        |        |               |      |       |           |       |
|            |                     |       |        |        |        |               |      |       |           |       |
| Signature  |                     |       |        |        |        |               |      | (SEAT | .)        |       |

Page 6 of 14

| IN TESTIMONY WHER              | EOF, Assignor has signed this     |
|--------------------------------|-----------------------------------|
| Assignment on the date identi: | fied below.                       |
|                                |                                   |
|                                |                                   |
| Date                           | Brian J. MORROW                   |
|                                | Residence: Lebanon, NJ            |
|                                |                                   |
|                                |                                   |
|                                |                                   |
| STATE OF New Jersey            | )                                 |
| COUNTY OF                      | ) ss.                             |
|                                | ,                                 |
|                                |                                   |
| On, 2006, be                   | fore me,, a                       |
| public notary, personally app  | eared Brian J. Morrow, personally |
| known to me (or proved to me   | me on the basis of satisfactory   |
| evidence) to be the person(s)  | whose name(s) is/are subscribed   |
| to the within instrument       | and acknowledged to me that       |
| he/she/they executed the sa    | ame in his/her/their authorized   |
| capacity(ies), and that by h   | is/her/their signature(s) on the  |
| instrument the person(s), or   | the entity upon behalf of which   |
| the person(s) acted, executed  | the instrument.                   |
|                                |                                   |
| WITNESS my hand and official s | seal.                             |
|                                |                                   |
|                                |                                   |
| Signature                      | (SEAL)                            |
| J                              |                                   |

Page 7 of 14

| IN TESTIMONY                         | WHEREOF, As  | ssignor   | has     | signed  | this  |
|--------------------------------------|--------------|-----------|---------|---------|-------|
| Assignment on the date ide           | entified bel | . WO.     |         |         |       |
|                                      |              |           |         |         |       |
| Date                                 | C Dimo       | thy MOTL  | EX      |         |       |
| Date                                 |              | ce: Carl: |         | C 7)    |       |
|                                      | Residen      | ce: Cari  | spac,   | CA      |       |
|                                      |              |           |         |         |       |
|                                      |              |           |         |         |       |
| STATE OF CALIFORNIA                  | )            |           |         |         |       |
| COUNTY OF SAN DIEGO                  | ) ss.<br>)   |           |         |         |       |
|                                      | ,            |           |         |         |       |
| 2006                                 | 1            | G 1       | G = 1.1 |         |       |
| On, 2006,                            |              |           |         |         |       |
| notary, personally appear            |              |           |         |         |       |
| known to me (or proved               |              |           |         |         | _     |
| evidence) to be the person           |              |           |         |         | ribed |
| to the within instrume               | ent and a    | cknowled  | ged t   | o me    | that  |
| he/she/they executed the             | e same in    | his/her   | /their  | autho   | rized |
| capacity(ies), and that              | oy his/her/  | their si  | gnatur  | re(s) o | n the |
| <pre>instrument the person(s),</pre> | or the ent   | tity upo  | n beha  | alf of  | which |
| the person(s) acted, execu           | ited the ins | trument.  |         |         |       |
|                                      |              |           |         |         |       |
| WITNESS my hand and offic:           | al seal.     |           |         |         |       |
|                                      |              |           |         |         |       |
|                                      |              |           |         |         |       |

Page 8 of 14

Signature \_\_\_\_\_

(SEAL)

| IN TESTIMONY WHER              | EOF, Assignor has signed this             |
|--------------------------------|---|
| Assignment on the date identi: | fied below.                               |
|                                |   |
|                                |   |
| Date                           | Alejandro SANTILLAN, Jr.                  |
|                                | Residence: San Diego, CA                  |
|                                |   |
|                                |   |
| CENTE OF CALTEODATA            | ,   |
| STATE OF CALIFORNIA            | )<br>) ss.                                |
| COUNTY OF SAN DIEGO            | )   |
|                                |   |
| On, 2006, befo                 | ore me, <u>Saranel Salinas</u> , a public |
| notary, personally appeare     | ed Alejandro Santillan, Jr.,              |
| personally known to me (or     | proved to me on the basis of              |
| satisfactory evidence) to b    | be the person(s) whose name(s)            |
| is/are subscribed to the with  | in instrument and acknowledged to         |
| me that he/she/they execut     | ted the same in his/her/their             |
| authorized capacity(ies),      | and that by his/her/their                 |
| signature(s) on the instrume   | ent the person(s), or the entity          |
| upon behalf of which the       | person(s) acted, executed the             |
| instrument.                    |   |
|                                |   |
| WITNESS my hand and official : | seal.                                     |
|                                |   |
|                                |   |
| Signature                      | (SEAL)                                    |

Page 9 of 14

IN TESTIMONY WHEREOF, Assignor has signed this Assignment on the date identified below.

3/27/06

Date

Karen J. SHAW

Residence: Poway, CA

STATE OF CALIFORNIA )

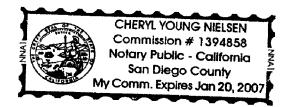
COUNTY OF SAN DIEGO )

on Much 27, 2006, before me, hyphrung Nicher, a public notary, personally appeared Karen J. Shaw, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) (is) are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his her their authorized capacity(ies), and that by his/her their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature

(SEAL



| IN TESTIMONY WHEREOF,  | Assignor has signed this              |
|--|---------------------------------------|
| Assignment on the date identifie   | ed below.                             |
|  |                                       |
|  |                                       |
| Date Ki  | mberly L. SCHWARZ                     |
| Re   | sidence: San Diego, CA                |
|  |                                       |
|  |                                       |
| STATE OF CALIFORNIA )  |                                       |
| )  | ss.                                   |
| COUNTY OF SAN DIEGO )  |                                       |
|  |                                       |
| On, 2006, before   | me, <u>Saranel Salinas</u> , a public |
| notary, personally appeared $\underline{\text{Ki}}$  | mberly L. Schwarz, personally         |
| known to me (or proved to me $% \left( \frac{1}{2}\right) =\left( \frac{1}{2}\right) ^{2}$ | on the basis of satisfactory          |
| evidence) to be the person(s) v  | whose name(s) is/are subscribed       |
| to the within instrument an  | nd acknowledged to me that            |
| he/she/they executed the same  | in his/her/their authorized           |
| capacity(ies), and that by his   | /her/their signature(s) on the        |
| instrument the person(s), or the   | ne entity upon behalf of which        |
| the person(s) acted, executed the  | ne instrument.                        |
|  |                                       |
| WITNESS my hand and official sea   | ıl.                                   |
|  |                                       |
|  |                                       |
| Signature  | (SEAL)                                |

Page 11 of 14

| IN TESTIMONY WHEREC           | $\partial F$ , Assignor has signed this   |
|-------------------------------|---|
| Assignment on the date identi | fied below.                               |
|                               |   |
|                               |   |
| Date                          | Liu Y. TANG                               |
|                               | Residence: San Diego, CA                  |
|                               |   |
|                               |   |
| STATE OF CALIFORNIA           | )   |
| COUNTY OF SAN DIEGO           | ) ss.                                     |
| COUNTY OF SAN DIEGO           | ,   |
|                               |   |
|                               | ore me, <u>Saranel Salinas</u> , a public |
|                               | Liu Y. Tang, personally known to          |
|                               | easis of satisfactory evidence) to        |
|                               | s) is/are subscribed to the within        |
|                               | to me that he/she/they executed           |
|                               | ithorized capacity(ies), and that         |
|                               | on the instrument the person(s),          |
|                               | of which the person(s) acted,             |
| executed the instrument.      |   |
|                               | _   |
| WITNESS my hand and official  | seal.                                     |
|                               |   |
|                               |   |

Page 12 of 14

Signature \_\_\_\_\_

(SEAL)

| IN TESTIMONY WHEREC  | OF, Assignor has signed this              |
|--|---|
| Assignment on the date identi  | fied below.                               |
|  |   |
|  |   |
| Date   | Hariharan VENKATESAN                      |
|  | Residence: San Diego, CA                  |
|  |   |
|  |   |
|  |   |
| STATE OF CALIFORNIA  | )   |
| COUNTY OF SAN DIEGO  | ) ss.                                     |
|  | ,   |
|  |   |
| On, 2006, bef  | ore me, <u>Saranel Salinas</u> , a public |
| notary, personally appeared  | Hariharan Venkatesan, personally          |
| known to me (or proved to  | me on the basis of satisfactory           |
| evidence) to be the person(s   | ) whose name(s) is/are subscribed         |
| to the within instrument   | and acknowledged to me that               |
| he/she/they executed the s   | ame in his/her/their authorized           |
|  | his/her/their signature(s) on the         |
|  | the entity upon behalf of which           |
| the person(s) acted, executed  |   |
| , and production, and production, construction, constructi | . Cite Tiberamene,                        |
| WITNESS my hand and official   | 1   |
| WITHESS My Hand and Official   | seal.                                     |
|  |   |
|  |   |

Page 13 of 14

Signature \_\_\_\_\_(SEAL)

PATENT REEL: 017754 FRAME: 0771

| IN TESTIMONY WHEREOF, Assignor has signed this   |  |
|--|--|
| Assignment on the date identif   | ied below.                               |
|  |  |
|  |  |
| Date   | John J. M. WIENER                        |
|  | Residence: La Jolla, CA                  |
|  |  |
|  |  |
|  |  |
| STATE OF CALIFORNIA  | )  |
| COUNTY OF SAN DIEGO  | ) ss.                                    |
|  |  |
|  |  |
| On, 2006, before   | re me, <u>Saranel Salinas</u> , a public |
| notary, personally appeared  | John J. M. Wiener, personally            |
| known to me (or proved to $m$  | e on the basis of satisfactory           |
| <pre>evidence) to be the person(s)</pre>   | whose name(s) is/are subscribed          |
| to the within instrument   | and acknowledged to me that              |
| he/she/they executed the same  | me in his/her/their authorized           |
| capacity(ies), and that by hi  | s/her/their signature(s) on the          |
|  | the entity upon behalf of which          |
| the person(s) acted, executed  | •  |
|  |  |
| WITNESS my hand and official seal.   |  |
| The state of the s |  |
|  |  |

Page 14 of 14

Signature \_\_\_\_\_ (SEAL)

**RECORDED: 03/30/2006** 

PATENT REEL: 017754 FRAME: 0772