

PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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| SUBMISSION TYPE:      | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

CONVEYING PARTY DATA

| Name                                  | Execution Date |
|---------------------------------------|----------------|
| Dalian Wanchun Biotechnology Co. Ltd. | 07/01/2013     |

RECEIVING PARTY DATA

|                 |                                    |
|-----------------|------------------------------------|
| Name:           | BeyondSpring Pharmaceuticals, Inc. |
| Street Address: | 48 Wall Street, 11th Floor         |
| City:           | New York                           |
| State/Country:  | NEW YORK                           |
| Postal Code:    | 10005                              |

PROPERTY NUMBERS Total: 39

| Property Type       | Number   |
|---------------------|----------|
| Patent Number:      | 6358957  |
| Patent Number:      | 6713480  |
| Application Number: | 60108211 |
| Application Number: | 60108736 |
| Patent Number:      | 7064201  |
| Patent Number:      | 8129527  |
| Application Number: | 11448283 |
| Patent Number:      | 7935704  |
| Patent Number:      | 7919497  |
| Patent Number:      | 7674903  |
| Patent Number:      | 7956058  |
| Patent Number:      | 8247552  |
| Application Number: | 13547317 |
| Application Number: | 60401074 |
| Application Number: | 60864382 |

OP \$1560.00 6358957

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|---------------------|--------------|
| Application Number: | 61055941     |
| Application Number: | 60411128     |
| Application Number: | 60450063     |
| Application Number: | 60542073     |
| Application Number: | 60624262     |
| Application Number: | 60719332     |
| Application Number: | 60734049     |
| Application Number: | 60788569     |
| Application Number: | 60833371     |
| PCT Number:         | US2005003636 |
| PCT Number:         | US2003024232 |
| PCT Number:         | US2006036736 |
| Application Number: | 11281773     |
| Patent Number:      | 6972289      |
| PCT Number:         | JP2000006807 |
| Patent Number:      | 7732605      |
| Application Number: | 60666336     |
| Application Number: | 60730759     |
| PCT Number:         | US2006011206 |
| Application Number: | 61292378     |
| PCT Number:         | US2011020143 |
| Patent Number:      | 7026322      |
| Application Number: | 11335198     |
| PCT Number:         | US2004024940 |

**CORRESPONDENCE DATA**

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|                         |                |
|-------------------------|----------------|
| ATTORNEY DOCKET NUMBER: | DALWC.000GEN   |
| NAME OF SUBMITTER:      | Ryan Melnick   |
| Signature:              | /Ryan Melnick/ |

**PATENT**

07/01/2013

**Total Attachments: 20**

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**ASSIGNMENT**

WHEREAS, Dalian Wanchun Biotechnology Co. Ltd., (hereinafter "ASSIGNOR") is the sole owner of the entire right, title, and interest to various new and useful improvements, technology, inventions, developments, ideas, or discoveries (collectively hereinafter referred to as the "Work") for which Letters Patent and applications for Letters Patents listed in the attached Schedule A have been filed (collectively hereinafter referred to as the "the Patents and Patent Applications");

AND WHEREAS, BeyondSpring Pharmaceuticals, Inc., a Delaware Corporation, with its principal place of business at 48 Wall Street, 11<sup>th</sup> Floor, New York, New York, 10005 (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Work and the Patents and Patent Applications:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, successors, legal representatives and assigns, the entire right, title, and interest throughout the world excluding the People's Republic of China and excluding Hong Kong in the Work and the Patents and Patent Applications, including all provisional applications relating thereto, and all nonprovisional applications claiming priority thereto, including, all divisions, continuations, continuations-in-part, reissues, and reexaminations thereof, and all Letters Patent of the United States, and all reissues and extensions thereof, and all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States or any other jurisdiction excluding the People's Republic of China and excluding Hong Kong, all extensions, renewals and reissues thereof; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other provisional or non-provisional applications relating to the Patents and Patent Applications and the Work or any improvements made thereto, sign all lawful papers, authorize the filing of and execute and make all rightful oaths and/or declarations in connection with the Patents and Patent Applications and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

**Legal Representative of Assignor:**

Lan Huang, Ph.D.

Chief Executive Officer, Dalian Wanchun Biotechnology Co. Ltd.

Signature:                     *Lan Huang*                     Date: July 1, 2013

Witnessed by: \_\_\_\_\_

Witness Name (printed): \_\_\_\_\_

PAT-ASSIGNMENT

15664047  
062413

**Schedule A: DALWC PHARMACEUTICALS PLINABULIN PORTFOLIO**

| Case No.    | Title of invention:  | Country: | Status: | Application No. | Filing Date: | Patent No: | Date Issued: | Pub Number:        | PubDate:  |
|-------------|--|----------|---------|-----------------|--------------|------------|--------------|--------------------|-----------|
| DALWC.002A  | PHENYLAHISTIN AND THE PHENYLAHISTIN ANALOGS, A NEW CLASS OF ANTI-TUMOR COMPOUNDS                         | US       | Issued  | 09/440316       | 11/12/1999   | 6358957    | 3/19/2002    |                    |           |
| DALWC.002C1 | PHENYLAHISTIN AND THE PHENYLAHISTIN ANALOGS, A NEW CLASS OF ANTI-TUMOR COMPOUNDS                         | US       | Issued  | 09/995851       | 11/27/2001   | 6713480    | 3/30/2004    | 02/0143021         | 10/3/2002 |
| DALWC.002PR | PHENYLAHISTINE AS AN ANTI-TUMOR COMPOUND   | US       | Closed  | 60/108211       | 11/12/1998   |            |              |                    |           |
| DALWC.003PR | PHENYLAHISTINE AS AN ANTI-TUMOR COMPOUND   | US       | Closed  | 60/108736       | 11/17/1998   |            |              |                    |           |
| DALWC.062A  | DEHYDROPHENYLAHISTINS AND ANALOGS THEREOF AND THE SYNTHESIS OF DEHYDROPHENYLAHISTINS AND ANALOGS THEREOF | US       | Issued  | 10/632531       | 8/1/2003     | 7064201    | 6/20/2006    | US-2005-0090667 A1 | 4/28/2005 |
| DALWC.062A2 | ANALOGS OF DEHYDROPHENYLAHISTINS AND THEIR THERAPEUTIC USE   | US       | Issued  | 11/934677       | 11/2/2007    | 8129527    | 3/6/2012     | 2008/02211 22 A1   | 9/11/2008 |

**Schedule A: DALWC PHARMACEUTICALS PLINABULIN PORTFOLIO**

|                |  |    |           |           |           |         |          |                     |           |
|----------------|--|----|-----------|-----------|-----------|---------|----------|---------------------|-----------|
| DALWC.062C1    | DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF | US | Abandoned | 11/448283 | 6/7/2006  |         |          | 2006/02238<br>22 A1 | 10/5/2006 |
| DALWC.062CP1   | DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF | US | Issued    | 11/051268 | 2/4/2005  | 7935704 | 5/3/2011 | 2005/01973<br>44 A1 | 9/8/2005  |
| DALWC.062CPCP1 | ANALOGS OF<br>DEHYDROPHENYLHIST<br>INS AND THEIR<br>THERAPEUTIC USE  | US | Issued    | 11/524772 | 9/20/2006 | 7919497 | 4/5/2011 | 2007/00781<br>38 A1 | 4/5/2007  |
| DALWC.062DV1   | DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF | US | Issued    | 11/448948 | 5/7/2006  | 7674903 | 3/9/2010 | 2006/02175<br>53 A1 | 9/28/2006 |
| DALWC.062DV2   | DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF | US | Issued    | 11/448924 | 6/7/2006  | 7956058 | 6/7/2011 | 2006/02238<br>23 A1 | 10/5/2006 |

**Schedule A: DALWC PHARMACEUTICALS PLINABULIN PORTFOLIO**

|               |  |    |           |                     |           |                |           |                     |           |
|---------------|--|----|-----------|---------------------|-----------|----------------|-----------|---------------------|-----------|
| DALWC.062KRD1 | DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF | KR | Issued    | 10-2011-<br>7006692 | 8/1/2003  | 10-<br>1184374 | 9/13/2012 |                     |           |
| DALWC.062P2C1 | ANALOGS OF<br>DEHYDROPHENYLHIST<br>INS AND THEIR<br>THERAPEUTIC USE  | US | Issued    | 13/079763           | 4/4/2011  | 8247552        | 8/21/2012 | 2011/02452<br>60 A1 | 10/6/2011 |
| DALWC.062P2C2 | ANALOGS OF<br>DEHYDROPHENYLHIST<br>INS AND THEIR<br>THERAPEUTIC USE  | US | Published | 13/547317           | 7/12/2012 |                |           | 2012/02772<br>51 A1 | 11/1/2012 |
| DALWC.062PR   | DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF | US | Closed    | 60/401074           | 8/2/2002  |                |           |                     |           |
| DALWC.062PR10 | PHOTOAFFINITY<br>LABELED<br>DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF  | US | Closed    | 60/864382           | 11/3/2006 |                |           |                     |           |
| DALWC.062PR11 | ANALOGS OF<br>DEHYDROPHENYLHIST<br>INS AND THEIR<br>THERAPEUTIC USE  | US | Closed    | 61/055941           | 5/23/2008 |                |           |                     |           |

**Schedule A: DALWC PHARMACEUTICALS PLINABULIN PORTFOLIO**

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| DALWC.062PR2 | DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF | US | Closed | 60/411128 | 9/16/2002 |  |  |  |  |
| DALWC.062PR3 | DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF | US | Closed | 60/450063 | 2/24/2003 |  |  |  |  |
| DALWC.062PR4 | DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF | US | Closed | 60/542073 | 2/4/2004  |  |  |  |  |
| DALWC.062PR5 | DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF | US | Closed | 60/624262 | 11/1/2004 |  |  |  |  |
| DALWC.062PR6 | DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF | US | Closed | 60/719332 | 9/21/2005 |  |  |  |  |

**Schedule A: DALWC PHARMACEUTICALS PLINABULIN PORTFOLIO**

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|--------------|--|----|-----------|-------------|-----------|-----------|----------|--|-----------|
| DALWC.062PR7 | DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF | US | Closed    | 60/734049   | 11/4/2005 |           |          |  |           |
| DALWC.062PR8 | PHOTOAFFINITY<br>LABELED<br>DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF   | US | Closed    | 60/788569   | 3/31/2006 |           |          |  |           |
| DALWC.062PR9 | PHOTOAFFINITY<br>LABELED<br>DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF   | US | Closed    | 60/833371   | 7/25/2006 |           |          |  |           |
| DALWC.062QAU | DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF | AU | Abandoned | 2005212399  | 2/4/2005  | 2.005E+09 | 1/5/2012 |  | 8/25/2005 |
| DALWC.062QBR | DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF | BR | Abandoned | PI0506655-7 | 2/4/2005  |           |          |  | 5/8/2007  |

**Schedule A: DALWC PHARMACEUTICALS PLINABULIN PORTFOLIO**

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| DALWC.062QCA | DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF | CA | ABA Intent | 2553630             | 2/4/2005 |        |         |            |  |
| DALWC.062QCO | DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF | CO | ABA Intent | 06-083.386          | 2/4/2005 |        |         | 12/29/2006 |  |
| DALWC.062QEP | DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF | EP | ABA Intent | 5712910.8           | 2/4/2005 |        | 1711487 | 10/18/2006 |  |
| DALWC.062QIL | DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF | IL | ABA Intent | 176932              | 2/4/2005 |        |         |            |  |
| DALWC.062QIN | DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF | IN | Issued     | 4720/DELNP/<br>2006 | 2/4/2005 | 253042 |         | 6/19/2012  |  |

**Schedule A: DALWC PHARMACEUTICALS PLINABULIN PORTFOLIO**

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| DALWC.062QJP       | DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF | JP | Abandoned  | 2006-552282          | 2/4/2005 |        |           |  |            |
| DALWC.062QKR       | DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF | KR | Pending    | 10-2006-<br>7017883  | 2/4/2005 |        |           |  |            |
| DALWC.062QMX       | DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF | MX | Issued     | PA/a/2006/00<br>8810 | 2/4/2005 | 289667 | 8/24/2011 |  | 10/31/2006 |
| DALWC.062QNZ       | DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF | NZ | Issued     | 548659               | 2/4/2005 | 548659 | 5/9/2011  |  | 1/28/2011  |
| DALWC.062QNZD<br>1 | DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF | NZ | ABA Intent | 590259               | 2/4/2005 |        |           |  |            |

**Schedule A: DALWC PHARMACEUTICALS PLINABULIN PORTFOLIO**

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| DALWC.062QPC | DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF | WO | Closed | PCT/US2005/0<br>03636 | 2/4/2005 |           |            | WO<br>2005/07794<br>0 | 8/25/2005 |
| DALWC.062QSG | DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF | SG | Issued | 200604907-6           | 2/4/2005 | 124148    | 10/30/2009 |                       |           |
| DALWC.062QZA | DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF | ZA | Issued | 2006/07151            | 2/4/2005 | 2006/7151 | 4/30/2008  |                       |           |
| DALWC.062VAT | DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF | AT | Issued | 3811651.3             | 8/1/2003 | 1529044   | 10/3/2007  | 1529044               | 5/11/2005 |
| DALWC.062VAU | DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF | AU | Issued | 2003302721            | 8/1/2003 | 2.003E+09 | 1/21/2010  |                       |           |

**Schedule A: DALWC PHARMACEUTICALS PLINABULIN PORTFOLIO**

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| DALWC.062VBE | DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF | BE | Issued  | 3811651.3   | 8/1/2003 | 1529044 | 10/3/2007  | 1529044 | 5/11/2005 |
| DALWC.062VBR | DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF | BR | Pending | PI0313363-0 | 8/1/2003 |         |            |         |           |
| DALWC.062VCA | DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF | CA | Issued  | 2494049     | 8/1/2003 | 2494049 | 10/18/2011 |         |           |
| DALWC.062VCH | DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF | CH | Issued  | 3811651.3   | 8/1/2003 | 1529044 | 10/3/2007  | 1529044 | 5/11/2005 |

**Schedule A: DALWC PHARMACEUTICALS PLINABULIN PORTFOLIO**

|              |   |    |        |           |          |               |            |         |           |
|--------------|---|----|--------|-----------|----------|---------------|------------|---------|-----------|
| DALWC.062VCO | COMPOUNDS DERIVED FROM DEHYDROPHENYLAHIST INS, SYNTHETIC METHOD TO PREPARE THEM AND PHARMACEUTICAL COMPOSITIONS THEREOF | CO | Issued | 5018564   | 8/1/2003 | 916           | 12/23/2010 |         | 2/28/2007 |
| DALWC.062VCZ | DEHYDROPHENYLAHIST INS AND ANALOGS THEREOF AND THE SYNTHESIS OF DEHYDROPHENYLAHIST INS AND ANALOGS THEREOF              | CZ | Issued | 3811651.3 | 8/1/2003 | 1529044       | 10/3/2007  | 1529044 | 5/11/2005 |
| DALWC.062VDE | DEHYDROPHENYLAHIST INS AND ANALOGS THEREOF AND THE SYNTHESIS OF DEHYDROPHENYLAHIST INS AND ANALOGS THEREOF              | DE | Issued | 3811651.3 | 8/1/2003 | 60316688.1-08 | 10/3/2007  | 1529044 | 5/11/2005 |
| DALWC.062VDK | DEHYDROPHENYLAHIST INS AND ANALOGS THEREOF AND THE SYNTHESIS OF DEHYDROPHENYLAHIST INS AND ANALOGS THEREOF              | DK | Issued | 3811651.3 | 8/1/2003 | 1529044       | 10/3/2007  | 1529044 | 5/11/2005 |

**Schedule A: DALWC PHARMACEUTICALS PLINABULIN PORTFOLIO**

|               |  |    |           |           |           |         |           |         |           |
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| DALWC.062VEE  | DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF | EE | Issued    | 3811651.3 | 8/1/2003  | 1529044 | 10/3/2007 | 1529044 | 5/11/2005 |
| DALWC.062VEP  | DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF | EP | Issued    | 3811651.3 | 8/1/2003  | 1529044 | 10/3/2007 | 1529044 | 5/11/2005 |
| DALWC.062VEP2 | ANALOGS OF<br>DEHYDROPHENYLAHIST<br>INS AND THEIR<br>THERAPEUTIC USE   | EP | Abandoned | 6803950.2 | 9/20/2006 |         |           | 1926724 | 6/4/2008  |
| DALWC.062VES  | DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF | ES | Issued    | 3811651.3 | 8/1/2003  | 1529044 | 10/3/2007 | 1529044 | 5/11/2005 |
| DALWC.062VFI  | DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF | FI | Issued    | 3811651.3 | 8/1/2003  | 1529044 | 10/3/2007 | 1529044 | 5/11/2005 |

**Schedule A: DALWC PHARMACEUTICALS PLINABULIN PORTFOLIO**

|              |  |    |        |           |          |         |           |         |           |
|--------------|--|----|--------|-----------|----------|---------|-----------|---------|-----------|
| DALWC.062VFR | DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF | FR | Issued | 3811651.3 | 8/1/2003 | 1529044 | 10/3/2007 | 1529044 | 5/11/2005 |
| DALWC.062VGB | DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF | GB | Issued | 3811651.3 | 8/1/2003 | 1529044 | 10/3/2007 | 1529044 | 5/11/2005 |
| DALWC.062VGR | DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF | GR | Issued | 3811651.3 | 8/1/2003 | 1529044 | 10/3/2007 | 1529044 | 5/11/2005 |
| DALWC.062VHU | DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF | HU | Issued | 3811651.3 | 8/1/2003 | 1529044 | 10/3/2007 | 1529044 | 5/11/2005 |
| DALWC.062VIE | DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF | IE | Issued | 3811651.3 | 8/1/2003 | 1529044 | 10/3/2007 | 1529044 | 5/11/2005 |

**Schedule A: DALWC PHARMACEUTICALS PLINABULIN PORTFOLIO**

|              |  |    |         |                     |          |                |            |         |           |
|--------------|--|----|---------|---------------------|----------|----------------|------------|---------|-----------|
| DALWC.062VIL | DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF | IL | Pending | 166628              | 8/1/2003 |                |            |         |           |
| DALWC.062VIT | DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF | IT | Issued  | 3811651.3           | 8/1/2003 | 1529044        | 10/3/2007  | 1529044 | 5/11/2005 |
| DALWC.062VJP | DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF | JP | Issued  | 2004-560278         | 8/1/2003 | 4616649        | 10/29/2010 |         | 1/19/2011 |
| DALWC.062VKR | DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF | KR | Issued  | 10-2005-<br>7001947 | 8/1/2003 | 10-<br>1049100 | 7/7/2011   |         |           |
| DALWC.062VLU | DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLAHIST<br>INS AND ANALOGS<br>THEREOF | LU | Issued  | 3811651.3           | 8/1/2003 | 1529044        | 10/3/2007  | 1529044 | 5/11/2005 |

**Schedule A: DALWC PHARMACEUTICALS PLINABULIN PORTFOLIO**

|               |  |    |        |                       |           |         |           |                       |           |
|---------------|--|----|--------|-----------------------|-----------|---------|-----------|-----------------------|-----------|
| DALWC.062VMX  | DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF | MX | Issued | PA/a/2005/00<br>1217  | 8/1/2003  | 255308  | 3/12/2008 |                       |           |
| DALWC.062VNL  | DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF | NL | Issued | 381.1651.3            | 8/1/2003  | 1529044 | 10/3/2007 | 1529044               | 5/11/2005 |
| DALWC.062VNZ  | DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF | NZ | Issued | 538433                | 8/1/2003  | 538433  | 6/12/2008 |                       | 2/29/2008 |
| DALWC.062VPC  | DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF | WO | Closed | PCT/US2003/0<br>24232 | 8/1/2003  |         |           | WO<br>2004/05449<br>8 | 7/1/2004  |
| DALWC.062VPC2 | ANALOGS OF<br>DEHYDROPHENYLHIST<br>INS AND THEIR<br>THERAPEUTIC USE  | WO | Closed | PCT/US2006/0<br>36736 | 9/20/2006 |         |           | WO<br>2007/03584<br>1 | 3/29/2007 |

**Schedule A: DALWC PHARMACEUTICALS PLINABULIN PORTFOLIO**

|              |  |    |        |             |          |                     |            |         |           |
|--------------|--|----|--------|-------------|----------|---------------------|------------|---------|-----------|
| DALWC.062VPT | DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF | PT | Issued | 3811651.3   | 8/1/2003 | 1529044             | 10/3/2007  | 1529044 | 5/11/2005 |
| DALWC.062VSE | DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF | SE | Issued | 3811651.3   | 8/1/2003 | 1529044             | 10/3/2007  | 1529044 | 5/11/2005 |
| DALWC.062VSG | DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF | SG | Issued | 200500617-6 | 8/1/2003 | 110313              | 2/28/2007  |         |           |
| DALWC.062VTR | DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF | TR | Issued | 3811651.3   | 8/1/2003 | TR 2008<br>00045 T4 | 10/3/2007  | 1529044 | 5/11/2005 |
| DALWC.062VZA | DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF AND THE<br>SYNTHESIS OF<br>DEHYDROPHENYLHIST<br>INS AND ANALOGS<br>THEREOF | ZA | Issued | 2005/01616  | 8/1/2003 | 2005/1616           | 11/30/2005 |         |           |

**Schedule A: DALWC PHARMACEUTICALS PLINABULIN PORTFOLIO**

|              |   |    |           |              |            |            |            |                     |            |
|--------------|---|----|-----------|--------------|------------|------------|------------|---------------------|------------|
| DALWC.064C1  | CELL DIVISION INHIBITOR AND A PRODUCTION METHOD THEREOF     | US | Abandoned | 11/281773    | 11/17/2005 |            |            | 2006/00795<br>34 A1 | 4/13/2006  |
| DALWC.064NP  | CELL DIVISION INHIBITOR AND A PRODUCTION METHOD THEREOF     | US | Issued    | 10/181786    | 12/2/2002  | 6972289    | 12/6/2005  |                     |            |
| DALWC.064VAU | CELL DIVISION INHIBITORS AND PROCESS FOR PRODUCING THE SAME | AU | Issued    | 200074511    | 9/29/2000  | 782917     | 10/19/2006 |                     | 7/31/2001  |
| DALWC.064VBR | CELL DIVISION INHIBITORS AND PROCESS FOR PRODUCING THE SAME | BR | Pending   | PI0017067-4  | 9/29/2000  |            |            |                     |            |
| DALWC.064VCA | A CELL DIVISION INHIBITOR AND A PRODUCTION METHOD THEREOF   | CA | Issued    | 2403790      | 9/29/2000  | 2403790    | 9/27/2011  |                     |            |
| DALWC.064VEP | CELL DIVISION INHIBITORS AND PROCESS FOR PRODUCING THE SAME | EP | Published | 963011.2     | 9/29/2000  |            |            | 1264831A1           | 12/11/2002 |
| DALWC.064VIL | CELL DIVISION INHIBITORS AND PROCESS FOR PRODUCING THE SAME | IL | Issued    | 150430       | 9/29/2000  | 150430     | 7/1/2011   |                     | 3/31/2011  |
| DALWC.064VJP | CELL DIVISION INHIBITORS AND PROCESS FOR PRODUCING THE SAME | JP | Issued    | 2001-553764  | 9/29/2000  | 4810043    | 8/26/2011  |                     | 11/9/2011  |
| DALWC.064VKR | CELL DIVISION INHIBITORS AND PROCESS FOR PRODUCING THE SAME | KR | Issued    | 7009268/2002 | 9/29/2000  | 10-0831400 | 5/15/2008  |                     | 5/21/2008  |

**Schedule A: DALWC PHARMACEUTICALS PLINABULIN PORTFOLIO**

|               |  |    |         |                       |            |           |            |                       |            |
|---------------|--|----|---------|-----------------------|------------|-----------|------------|-----------------------|------------|
| DALWC.064VMX  | CELL DIVISION<br>INHIBITORS AND<br>PROCESS FOR<br>PRODUCING THE SAME | MX | Issued  | PA/a/2002/00<br>6826  | 9/29/2000  | 242052    | 11/15/2006 |                       |            |
| DALWC.064VNZ  | CELL DIVISION<br>INHIBITORS AND<br>PROCESS FOR<br>PRODUCING THE SAME | NZ | Issued  | 519989                | 9/29/2000  | 519989    | 9/9/2004   |                       | 5/28/2004  |
| DALWC.064VPC  | CELL DIVISION<br>INHIBITORS AND<br>PROCESS FOR<br>PRODUCING THE SAME | WO | Closed  | PCTJP00/0680<br>7     | 9/29/2000  |           |            | WO01/5329<br>0        | 7/26/2001  |
| DALWC.064VRAU | CELL DIVISION<br>INHIBITORS AND<br>PROCESS FOR<br>PRODUCING THE SAME | AU | Issued  | 2005242133            | 9/29/2000  | 2.005E+09 | 12/17/2009 |                       | 1/5/2006   |
| DALWC.064VSG  | A CELL DIVISION<br>INHIBITOR AND A<br>PRODUCTION METHOD<br>THEREOF   | SG | Issued  | 200204034.3           | 9/29/2000  | 90326     | 3/31/2005  |                       |            |
| DALWC.064VZA  | CELL DIVISION<br>INHIBITORS AND<br>PROCESS FOR<br>PRODUCING THE SAME | ZA | Issued  | 2002/6576             | 9/29/2000  | 2002/6576 | 7/30/2003  |                       | 7/30/2003  |
| DALWC.112A    | SYNTHESIS OF<br>DIKETOPIPERAZINES                                    | US | Issued  | 11/390326             | 3/27/2006  | 7732605   | 6/8/2010   | 2006/02352<br>26 A1   | 10/19/2006 |
| DALWC.112PR   | SYNTHESIS OF<br>DIKETOPIPERAZINES                                    | US | Closed  | 60/666336             | 3/29/2005  |           |            |                       |            |
| DALWC.112PR2  | SYNTHESIS OF<br>DIKETOPIPERAZINES                                    | US | Closed  | 60/730759             | 10/27/2005 |           |            |                       |            |
| DALWC.112VPC  | SYNTHESIS OF<br>DIKETOPIPERAZINES                                    | WO | Closed  | PCT/US2006/0<br>11206 | 3/27/2006  |           |            | WO<br>2006/10505<br>1 | 10/5/2006  |
| DALWC.191PR   | ANALOGS OF<br>DEHYDROPHENYLHIST<br>INS                               | US | Expired | 61/292378             | 1/5/2010   |           |            |                       |            |

Schedule A: DALWC PHARMACEUTICALS PLINABULIN PORTFOLIO

|                |  |    |           |                   |           |         |           |                     |           |
|----------------|--|----|-----------|-------------------|-----------|---------|-----------|---------------------|-----------|
| DALWC.191WO    | ANALOGS OF DEHYDROPHENYLHISTINS  | WO | Published | PCT/US2011/020143 | 1/4/2011  |         |           | WO 2011/08496<br>2  | 7/14/2011 |
| DALWC.2C1CP1   | PHENYLHISTIN AND THE PHENYLHISTIN ANALOGS, A NEW CLASS OF ANTI-TUMOR COMPOUNDS | US | Issued    | 10/632688         | 8/1/2003  | 7026322 | 4/11/2006 | 2004/01024<br>54 A1 | 5/27/2004 |
| DALWC.2C1CP1CP | PHENYLHISTIN AND THE PHENYLHISTIN ANALOGS, A NEW CLASS OF ANTI-TUMOR COMPOUNDS | US | Abandoned | 11/335198         | 1/18/2006 |         |           | 2006/01670<br>10 A1 | 7/27/2006 |
| DALWC.2QQPC    | PHENYLHISTIN AND THE PHENYLHISTIN ANALOGS, A NEW CLASS OF ANTI-TUMOR COMPOUNDS | WO | Closed    | PCT/US2004/024940 | 7/29/2004 |         |           | WO 2005/01169<br>9  | 2/10/2005 |

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