504304286 04/04/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4350967

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

CONVEYING PARTY DATA

| Name | Execution Date | |
|---------------------------------|----------------|--|
| ABBOTT HEALTHCARE PRODUCTS B.V. | 10/01/2012 | |

RECEIVING PARTY DATA

| Name: | ABBVIE B.V. |
|-----------------|-------------|
| Street Address: | WEGALAAN 9 |
| City: | HOOFDDORP |
| State/Country: | NETHERLANDS |
| Postal Code: | 2132 |

PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|----------------|---------|--|
| Patent Number: | 7232813 | |

CORRESPONDENCE DATA

Fax Number: (847)938-2623

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 847-938-1914

Email: kristin.shimeck@abbvie.com

Correspondent Name: ABBVIE INC.

Address Line 1: 1 NORTH WAUKEGAN ROAD

Address Line 2: V377 AP-34-2

Address Line 4: NORTH CHICAGO, ILLINOIS 60064

| ATTORNEY DOCKET NUMBER: | SPW0401USO0 | |
|-------------------------|--------------------------------|--|
| NAME OF SUBMITTER: | PORTIA CHEN | |
| SIGNATURE: | /Portia Chen, Reg. No. 44,075/ | |
| DATE SIGNED: | 04/04/2017 | |

Total Attachments: 5

source=2012_SPW0401USO0_ASGN_EXE#page1.tif source=2012_SPW0401USO0_ASGN_EXE#page2.tif source=2012_SPW0401USO0_ASGN_EXE#page3.tif source=2012_SPW0401USO0_ASGN_EXE#page4.tif source=2012_SPW0401USO0_ASGN_EXE#page5.tif

> PATENT REEL: 041837 FRAME: 0138

504304286

ASSIGNMENT OF PATENTS AND PATENT APPLICATIONS

This Patent Assignment ("Assignment") is made and entered into as of 1 October 2012 by and between Abbott Healthcare Products B.V., a private limited liability corporation incorporated under the laws of the Netherlands, with corporate seat in Weesp, with registered office at C.J. van Houtenlaan 36, 1381 CP Weesp, The Netherlands ("Abbott") and AbbVie B.V., a private limited liability corporation incorporated under the laws of the Netherlands, with corporate seat in Amstelveen, The Netherlands, with registered office at Wegalaan 9, 2132 JD Hoofddorp, The Netherlands ("AbbVie").

WHEREAS, Abbott has agreed to assign and transfer to AbbVie and AbbVie has agreed to acquire and accept from Abbott the patent applications and patents set forth on Abbott Healthcare Products B.V. Patent Schedule and Abbott Healthcare Products B.V. Patent Schedule A (together the "Abbott Patents") attached hereto.

NOW, THEREFORE, in consideration of the premises, mutual covenants and provisions herein contained, the receipt and sufficiency of which is hereby acknowledged, and intending to be legally bound hereby, the parties hereto agree to execute this Assignment, as follows:

- 1.0 Assignment. Abbott has assigned and /or by these presents does hereby assign, transfer and convey unto AbbVie, Abbott's whole and entire right, title and interest (i) in and to the inventions claimed in the Abbott Patents, including all patents granting from said applications on reexamination or reissue thereof, including any patents obtained based upon a claim of priority to any patent or patent application on said Abbott Patents and (ii) in and to all rights to sue for and collect damages resulting from past, present and future infringement of said patents and patent applications in (i).
- 2.0 Enjoyment. The patents and patent applications subject to Paragraph 1 shall be held and enjoyed by AbbVie, for AbbVie's use and benefit, and for AbbVie's legal representatives and assigns, to the full end of the term or terms for which same may be granted, as fully and entirely as the same would have been held by Abbott had this assignment and transfer not been made.
- 3.0 Assistance. The parties to this Assignment shall use commercially reasonable efforts to take, or cause to be taken, all actions, and to do, or cause to be done, all things, necessary or advisable to consummate the transactions contemplated by this Assignment. Without limiting the foregoing, each of Abbott and AbbVie shall cooperate with the other without any further consideration to execute and deliver, or use commercially reasonable efforts to cause to be executed and delivered, all documents as may reasonably be necessary to secure the vesting in AbbVie of all rights assigned to AbbVie by this Assignment, including without limitation any documents required to record this Assignment with local patent offices.

Patent Assignment Abbott -AbbVie October 1, 2012

IN WITNESS WHEREOF, each of the parties has executed this Patent Assignment, or has caused this Patent Assignment to be executed on its behalf by a representative duly authorized, all as of the date first set forth.

| ABBOTT HEALTHC | CARE PRODUCTS B.V. |
|---|---|
| By: | By: Thomas C. F. |
| P.T. Stam | Thomas Craig Freyman |
| Title: Managing Director A | Title: Managing Director B |
| Weesp, The Netherlands | State of Illinois, County of Lake |
| | "OFFICIAL SEAL" STEPHANIE HOPPE NOTARY PUBLIC, STATE OF ILLINOIS MY COMMISSION EXPIRES 10/14/2014 |
| Witness: | Witness: |
| Name: Beac Beach | Name: SOIE HAME! |
| Signature: | Signature: ///////// |
| Witness: Name: Marinus Verhaga | Witness: Name: |
| Signature: | Signature: MARIA WAA |
| By: ABBY | Subscribed and sworn before me, this is day of its sands a Notary Public in and for County. State of (Signature) |
| William Chase | NOTARY PUBLIC. My Commission expires /0/4/// |
| Authorized Representative | My Commission expires//_/ |
| State of Illinois, County of Lake | Subscribed and swom before me, this (1) day of (1) (1) (1) a Notary Public |
| "OFFICIAL SEAL" STEPHANIE HOPPE NOTARY PUBLIC, STATE OF ILLINOIS MY COMMISSION EXPIRES 10/14/2014 | State of 1310 County, |
| Witness: Name: VM 6 06.8000 | (Signature) NOTARY PUBLIC My Commission expires <u>1/7/4</u> //// |
| Signature: 100 100 100 100 100 100 100 100 100 10 | ş · ; · · · ş · · · · · · · · · · · · · |
| Witness: | |
| Name: DONNA GAURA | |
| Signature Dana Granna | |

PATENT REEL: 041837 FRAME: 0140 SEEN FOR LEGALISATION of the signature of Pieter Teunis Stam, born in Sliedrecht, the Netherlands, on April 30, 1960, holder of a Dutch passport with number NX91CDR59, by me, Laurentia Elisabeth Rietvelt, acting as a substitute of Johannes Cornelis Christiaan Paans, civil-law notary in Amsterdam, the Netherlands. This statement explicitly contains no judgement as to the content of this document.

Amsterdam, the Netherlands, December 4, 2012.



PATENT REEL: 041837 FRAME: 0141

Abbott Healthcare Products BV Patent Schedule List of Assigned Patents and Patent Applications (See pages 1-10, attached)

| Case Ref Number | App. No. | App. Date | Pub. No. | Pub. Date | Patent No. | Grant Date |
|----------------------------|------------------------|------------------------|----------------|------------|------------|------------|
| SPW0201USO0 | 10/890392 | 1/15/2003 | 20050038012 | 2/17/2005 | 6998398 | 2/14/2006 |
| SPW0205USO0 | 10/490364 | 4/2/2003 | 20050119267 | 6/2/2005 | 7202238 | 4/10/2007 |
| SPW0206USO0 | 10/490549 | 3/17/2003 | 20040242493 | 12/2/2004 | 7186741 | 3/6/2007 |
| SPW0207USO0 | 10/490546 | 3/17/2003 | 20040266841 | 12/30/2004 | 7342032 | 3/11/2008 |
| SPW0209USO0 | 10/448024 | 5/30/2003 | | 2/26/2004 | 7307079 | 12/12/2007 |
| SPW0211USO0 | 10/662477 | 9/16/2003 | 20040106614 | 6/3/2004 | 7319110 | 1/15/2008 |
| SPW0212USO0 | 10/712258 | 11/14/2003 | 20040158077 | 8/12/2004 | 7015333 | 3/21/2006 |
| SPW0303USOA | 10/920386 | 8/18/2004 | 20050107396 | 5/19/2005 | 7435738 | 10/14/2008 |
| SPW0303USOB | 10/920361 | 8/18/2004 | 20060040932 | 2/22/2006 | 7405216 | 7/29/2008 |
| SPW0305USO0 | 10/946177 | 9/22/2004 | 20050070528 | 3/31/2005 | 8067603 | 11/29/2011 |
| SPW0307USO0 | 10/952180 | 9/29/2004 | | 4/7/2005 | 7851630 | 12/14/2010 |
| SPW0308USD1 | 11/842657 | 8/21/2007 | 20070281974 | 12/6/2007 | 7498348 | 3/3/2009 |
| SPW0308USO0 | 10/965155 | 10/15/2004 | 20050137197 | 6/23/2005 | 7271189 | 9/18/2007 |
| SPW0401USO0 | 11/030043 | 1/7/2005 | | | 7232813 | 6/19/2007 |
| SPW0403USO0 | 11/033683 | 1/13/2005 | 20050171179 | 8/4/2005 | 7745476 | 6/29/2010 |
| SPW0404USC2 | 11/652582 | 1/12/2007 | 20070135492 | 6/14/2007 | 7495108 | 2/24/2009 |
| SPW0404USO0 | 11/058168 | 2/16/2005 | 20050187259 | 8/25/2005 | 7173044 | 2/6/2007 |
| SPW0408USD1 | 12/829554 | 7/2/2010 | 2011-0003830 | 1/6/2011 | 8173660 | 5/8/2012 |
| SPW0408USO0 | 11/085136 | 3/22/2005 | 20050215566 | 9/29/2005 | 7776860 | 8/17/2010 |
| SPW0410USO0 | 11/085193 | 3/22/2005 | | 9/29/2005 | | |
| SPW0411USO0 | 11/088880 | 3/25/2005 | 20050234389 | 10/20/2005 | 7596407 | 9/29/2009 |
| SPW0417USO0 | 11/138289 | 5/27/2005 | | 12/1/2005 | 7524867 | 4/28/2009 |
| SPW0420USO0 | 11/178309 | 7/12/2005 | 20060013874 | 1/19/2006 | | L |
| SPW0424USO0 | 11/219818 | 9/7/2005 | 20060052331 | 3/9/2006 | 7371737 | 5/13/2008 |
| SPW0425USO0 | 11/219817 | 9/7/2005 | 2006-0052412 | 3/9/2006 | 7338964 | 3/4/2008 |
| SPW0433USO0 | 11/294657 | 12/6/2005 | 20070066634 | 3/22/2007 | 7371769 | 5/13/2008 |
| SPW0444USO0 | 11/294603 | 12/6/2005 | 20060122190 | 6/8/2006 | 8101619 | 1/24/2012 |
| SPW0504USO0 | 11/349910 | 2/9/2006 | 20060194846 | 8/31/2006 | 7678789 | 3/16/2010 |
| SPW0506USO0 | 11/353155 | 2/14/2006 | 20060194779 | 8/31/2006 | | |
| SPW0507USO0 | 11/354652 | 2/16/2006 | 20060194812 | 8/31/2006 | 7423040 | 9/9/2008 |
| SPW0507USP1 | 11/727173 | 3/23/2007 | 20080286258 | 11/20/2008 | 7964604 | 6/21/2011 |
| SPW0528USO0 | 11/504050 | 8/15/2006 | 20070043059 | 2/22/2007 | 7750013 | 7/6/2010 |
| SPW0534USO0 | 11/641725 | 12/20/2006 | | | | |
| SPW0546USO0 | 11/519756 | 9/12/2006 | 20070254876 | | 7595310 | 9/29/2009 |
| SPW0547USO0 | 11/519763 | 9/12/2006 | 20070059366 | 3/15/2007 | 7709024 | 5/4/2010 |
| SPW0548USO0 | 11/519738 | 9/12/2006 | | | 7615551 | 11/10/2009 |
| SPW0606USC1 | 13/467410 | 5/9/2012 | | | | |
| SPW0609USD1 | 12/844156 | 7/27/2010 | 20100292204 | 11/18/2010 | | |
| SPW0609USO0 | 11/754544 | 5/29/2007 | 20070281973 | 12/6/2007 | 7786144 | 8/31/2010 |
| SPW0610USD1 | 12/843967 | 7/27/2010 | 2010-0292248-A | 11/18/2010 | 7915262 | 3/29/2011 |
| SPW0610USO0 | 11/762206 | 6/13/2007 | 20070293505 | 12/20/2007 | 7786126 | 8/31/2010 |
| SPW0611USO0 | 11/762239 | 6/13/2007 | 20070293506 | 12/20/2007 | 8106056 | 1/31/2012 |
| SPW0616USD1 | 12/940271 | 11/5/2010 | 20110053962 | 3/3/2011 | 8252930 | 8/28/2012 |
| SPW0616USO0 | 11/773111 | 7/3/2007 | 20080009514 | 1/10/2008 | 7964728 | 6/21/2011 |
| SPW0626USO0 | 11/875328 | 10/19/2007 | 20090035368 | 2/5/2009 | 7923026 | 4/12/2011 |
| SPW0630USO0 | 11/957948 | 12/17/2007 | 20080153867 | 6/26/2008 | 8063062 | 11/22/2011 |
| SPW0702USO0 | 11/970229 | 1/7/2008 | 20080214559 | 9/4/2008 | 8138174 | 3/20/2012 |
| SPW0709USD1 | 13/300800 | 11/21/2011 | 20120095039 | 4/19/2012 | | |
| SPW0709USO0 | 12/108275 | 4/23/2008 | 20090018160 | 1/15/2009 | 8084473 | 12/27/2011 |
| SPW0712USO0 | 12/136986 | 6/11/2008 | 20080312276 | 12/18/2008 | | |
| SPW0713USO0 | 12/143919 | 6/23/2008 | 20090005455 | 1/1/2009 | 7696383 | 4/13/2010 |
| SPW0716USO0 | 12/234080 | 9/19/2008 | 20090082396 | 3/26/2009 | 7928134 | 4/19/2011 |
| SPW0812USO0 | 12/500425 | 7/9/2009 | 2010/0010062 | 1/14/2010 | | |
| SPW0819USO0 | 13/133042 | 12/10/2009 | 2011023756 | 9/29/2011 | | |
| SPW0821USO0 | 13/140509 | 12/17/2009 | | | | |
| SPW0916USO0 | 12/901542 | 10/10/2010 | 20110086862 | 4/14/2011 | | |
| SPW9201USO0 | 446779 | 11/29/1993 | | | 5635213 | 6/3/1997 |
| SPW9905USD1 | 11/450323 | 8/22/2000 | 20060293313 | 12/28/2006 | 7456182 | 11/25/2008 |
| SPW9905USD2 | 12/258591 | 10/27/2008 | 2009-0143406 | 6/4/2009 | 7605162 | 10/20/2009 |
| SPW9905USO0 | 10/069256 | 8/22/2000 | 0114330 | 3/1/2001 | 7067513 | 6/27/2006 |
| SPW9906USC1 | 10/770583 | 9/25/2000 | 20040175796 | 9/9/2004 | 7151165 | 12/19/2006 |
| SPW9906USC4 | 11/170351 | 6/30/2005 | 2000272123 | 12/8/2005 | 7459292 | 12/2/2008 |
| いっこ インかいいいいひしゅ | | | 20050266529 | 12/1/2005 | 7459279 | 12/2/2008 |
| | 1 11/170153 | | | | | |
| SPW9906USD2 SPW9906USD3 | 11/170153 11/170166 | 6/30/2005 6/30/2005 | 20050272122 | 12/8/2005 | 7400210 | 12/2/2000 |

9 of 10

PATENT REEL: 041837 FRAME: 0143 RECORDED: 04/04/2017