

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3552283

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | NUNC PRO TUNC ASSIGNMENT |
| EFFECTIVE DATE: | 05/11/2015 |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| BAXTER INTERNATIONAL INC. | 09/30/2015 |
| BAXTER HEALTHCARE SA | 09/30/2015 |
| RECEIVING PARTY DATA | |
| Name: | BAXALTA INCORPORATED |
| Street Address: | 1200 LAKESIDE DRIVE |
| City: | BANNOCKBURN |
| State/Country: | ILLINOIS |
| Postal Code: | 60015 |
| Name: | BAXALTA GMBH |
| Street Address: | THURGAUERSTRASSE 130 |
| City: | GLATTPARK (OPFIKON) |
| State/Country: | SWITZERLAND |
| Postal Code: | 8152 |
| PROPERTY NUMBERS Total: 11 | |
| Property Type | Number |
| Patent Number: | 7384783 |
| Patent Number: | 7682067 |
| Patent Number: | 7901934 |
| Patent Number: | 8187867 |
| Patent Number: | 8623640 |
| Application Number: | 60565908 |
| Application Number: | 11064252 |
| Application Number: | 60784403 |
| Application Number: | 14109684 |
| PCT Number: | US2005013920 |
| PCT Number: | US2006015176 |
| CORRESPONDENCE DATA | |

Fax Number: (801)328-1707

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|--------------------------------|---------|
| ATTORNEY DOCKET NUMBER: | 17432.0 |
|--------------------------------|---------|

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| NAME OF SUBMITTER: | DANA L. TANGREN |
|---------------------------|-----------------|

| | |
|-------------------|-------------------|
| SIGNATURE: | /dana l. tangren/ |
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| | |
|---------------------|------------|
| DATE SIGNED: | 10/01/2015 |
|---------------------|------------|

Total Attachments: 3

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ASSIGNMENT

In consideration of Ten Dollars (\$10.00), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned, (1) **Baxter International Inc.**, having a place of business at One Baxter Parkway, Deerfield, IL 60015 and (2) **Baxter Healthcare SA**, having a place of business at Thurgauerstrasse 130, Glattpark (Opfikon), Switzerland 8152 ("Assignor"), and which are joint owners of the entire right, title and interest to all patents and patent applications identified on **Schedule A**;

Hereby sells, assigns and transfers to (1) **Baxalta Incorporated**, which has a place of business at 1200 Lakeside Drive, Bannockburn, IL 60015, and (2) **Baxalta GmbH**, which has a place of business at Thurgauerstrasse 130, Glattpark (Opfikon), Switzerland 8152 ("Assignee") and its successors and assigns, Assignor's entire right, title, dominion and interest in and to each patent and patent application identified on **Schedule A** and to any and all inventions that are disclosed and claimed, and any and all inventions that are disclosed but not claimed, in each of the patents and patent applications identified on **Schedule A** and in and to any and all continuation, continuation-in-part, divisional, nationalizations, substitute, reexamination, renewal, and reissue applications of any of said patents or patent applications and all other applications for a patent or patents or other related property rights directed to inventions disclosed therein and in the right to sue for and collect damages for past, present and future infringement of any of the patents;

Authorizes and requests the Director of Patents of the United States of America and the authorized person or agency in any jurisdiction in which the patents and patent applications have been or will be filed to issue to the Assignee, its successors, assigns and legal representatives, in accordance with this assignment, any and all patents on any inventions disclosed in the aforementioned patent applications;

Represents to the Assignee, its successors, assigns and legal representatives that the Assignor has not and shall not execute any writing or do any act whatsoever that conflicts with this Assignment and that, when requested, without charge to, but at the expense of, Assignee, its successors, assigns and legal representatives, the Assignor will carry out in good faith the intent and purpose of this Assignment, and the undersigned or the undersigned's executors or administrators will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to the Assignee, its successor, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible that the Assignee, its successors,

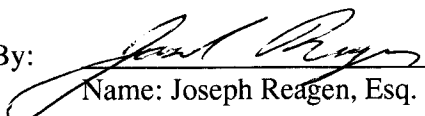
ASSIGNMENT

assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents on said inventions, in the Assignee, its successors, assigns and legal representatives.

This assignment and transfer is effective as of May 11, 2015.

Baxter International Inc.

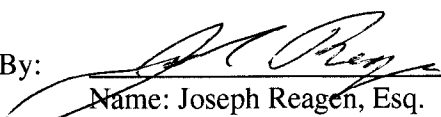
Date: 9/30/15

By: 
Name: Joseph Reagen, Esq.

Title: Assoc. General & Chief IP Counsel

Baxter Healthcare SA

Date: 9/30/15

By: 
Name: Joseph Reagen, Esq.

Title: Assoc. General & Chief IP Counsel

Accepted by:

Baxalta Incorporated

Date: 9/30/15

By: 
Name: Stasia L. Ogden, Esq.

Title: Assoc. General & Chief IP Counsel

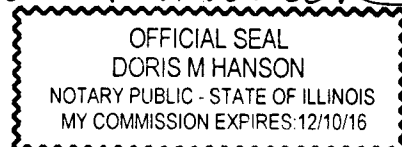
Baxalta GmbH

Date: 9/30/15

By: 
Name: Stasia L. Ogden, Esq.

Title: Assoc. General & Chief IP Counsel





Schedule A

| WN File Reference | Title | Jurisdiction | Application Number | Application Date | Patent Number | Grant Date |
|-------------------|--|--------------|--------------------|------------------|------------------|------------|
| | Stirred Tank Reactor System | USA | 60/565908 | 4/27/2004 | | |
| | Stirred Tank Reactor System | USA | 11/064252 | 2/22/2005 | | |
| 11398.85 | Stirred Tank Reactor System | USA | 11/112834 | 4/22/2005 | 7384783 | 6/10/2008 |
| | Stirred Tank Reactor System | PCT | PCT/US2005/013920 | 04/22/2005 | | |
| 11398.85.2 | Mixing Systems and Related Mixers | USA | 11/379535 | 4/20/2006 | 7682067 | 3/23/2010 |
| 11398.85.2a | Mixing Systems and Related Mixers | PCT | PCT/US2006/015176 | 4/21/2006 | | |
| | Mixing Systems and Related Mixers | USA | 60/784403 | 3/20/2006 | | |
| 11398.85.3 | Probe Connector Assembly and Method of Use | USA | 12/116050 | 5/6/2008 | 7901934 | 3/8/2011 |
| 11398.85.3.1 | Probe Connector Assembly and Method of Use | USA | 13/014575 | 1/26/2011 | 8187867 | 5/29/2012 |
| 11398.85.3.1.1 | Stirred Tank Reactor Systems and Method of Use | USA | 13/443391 | 4/10/2012 | 8623640 | 1/7/2014 |
| 11398.85.3.1.1.1 | Stirred Tank Reactor Systems and Method of Use | USA | 14/109684 | 12/17/2013 | | |
| 17432.1a.2 | Mixing Systems and Related Mixers | Mexico | MX/a/2007/013076 | 4/21/2006 | 279206 | 9/21/2010 |
| 11398.85a.1 | Stirred Tank Reactor System | Canada | 2559537 | 4/22/2005 | 2559537 | 2/19/2013 |
| 11398.85a.2 | Stirred Tank Reactor System | China | 200580013197.1 | 4/22/2005 | ZL200580013197.1 | 10/3/2012 |
| 11398.85.2a.3 | Mixing Systems and Related Mixers | China | 200680013259.3 | 4/21/2006 | ZL200680013259.3 | 4/18/2012 |
| 11398.85a.5 | Stirred Tank Reactor System | Japan | 2008-519763 | 4/22/2005 | 4960351 | 3/30/2012 |
| 11398.85.2a.5 | Mixing Systems and Related Mixers | Japan | 2008-507937 | 4/21/2006 | 4884462 | 12/16/2011 |
| 11398.85.2a.2 | Mixing Systems and Related Mixers | Canada | 2603467 | 4/21/2006 | | |
| 11398.85a.4 | Stirred Tank Reactor System | India | 5012DELNP2006 | 4/22/2005 | | |
| 11398.85a.4.1 | Stirred Tank Reactor System (probe connector) | India | 1976/DELNP/2012 | 4/22/2005 | | |
| | Stirred Tank Reactor System | Mexico | PAa2006011832 | 04/22/2005 | 274591 | 03/19/2010 |