

## PATENT ASSIGNMENT COVER SHEET

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------------|
| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                   |                       |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT                       |                       |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                  |                       |
|                                                                                                                                                                                                 | <b>Name</b>                      | <b>Execution Date</b> |
|                                                                                                                                                                                                 | ELI LILLY AND COMPANY            | 01/01/2017            |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                  |                       |
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| <b>State/Country:</b>                                                                                                                                                                           | INDIANA                          |                       |
| <b>Postal Code:</b>                                                                                                                                                                             | 46140                            |                       |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                  |                       |
|                                                                                                                                                                                                 | <b>Property Type</b>             | <b>Number</b>         |
|                                                                                                                                                                                                 | Application Number:              | 09589730              |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                  |                       |
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| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | X19340                           |                       |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | PATRICIA A FOOR                  |                       |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /Patricia A Foor/                |                       |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 01/23/2018                       |                       |
| <b>Total Attachments: 4</b>                                                                                                                                                                     |                                  |                       |
| source=US Confirmatory Patent Assignment - executed#page1.tif                                                                                                                                   |                                  |                       |
| source=US Confirmatory Patent Assignment - executed#page2.tif                                                                                                                                   |                                  |                       |
| source=US Confirmatory Patent Assignment - executed#page3.tif                                                                                                                                   |                                  |                       |
| source=US Confirmatory Patent Assignment - executed#page4.tif                                                                                                                                   |                                  |                       |

## PATENT ASSIGNMENT

This PATENT ASSIGNMENT ("Assignment"), dated as of January 1, 2017 (the "Effective Date"), is entered into by and between Eli Lilly and Company ("Assignor") and Elanco US Inc. ("Assignee"). Both Assignor and Assignee are collectively referred to herein as the "Parties."

WHEREAS, Assignor wishes to assign to Assignee, and Assignee wishes to acquire from Assignor, all of the Assignor's rights, title, and interest in and to the patents listed in Schedule A attached hereto ("Assigned Patents").

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Parties agree as follows:

1. Assignor hereby sells, transfers, conveys, assigns, and delivers to Assignee any and all rights, title and interests Assignor holds, or may come to hold, in and to (i) the Assigned Patents, (ii) all other Patents that claim priority, directly or indirectly, to the Patents to which such Patents on such Schedule A claim priority, directly or indirectly, (iii) all reissues, renewals, extensions, substitutions, continuations, continuations-in-part, and divisions, all results of oppositions, reexaminations, supplemental examinations, supplementary protection certificates, and other review procedures (including ex parte reexamination, inter partes review, and post grant review) of any Patents on Schedule A or any Patents covered by (ii) above (iv) all rights to sue at law or in equity for any past, present, and future infringement, abuse, misappropriation, violation, or other impairment thereof, and (v) all payments, income, and royalties and rights to payments, income, and royalties arising out of the sale, lease, license, assignment, or other disposition thereof.
2. The Parties hereby request and authorize the relevant authority at the United States Patent and Trademark Office to record Assignee as the assignee and owner of the Assigned Patents.
3. Assignor hereby covenants and agrees that, at any time and from time to time after the date of this Assignment, at Assignee's request, Assignor shall use all reasonable efforts to take, or cause to be taken, all appropriate action, to do or cause to be done all things necessary, proper, or advisable under applicable Law, and to execute and deliver such documents and other papers, as may be required to grant, sell, convey, assign, transfer, and/or set over to Assignee any of the Assigned Patents.
4. This Assignment is binding upon and inures to the benefit of the Parties hereto and their respective successors and assigns. This Assignment and the rights and obligations of the Parties hereunder shall be governed by, and construed in accordance with, the laws of the State of New York.

IN WITNESS WHEREOF, the Parties hereto have caused this Patent Assignment to be executed as of the Effective Date.

Eli Lilly and Company

By: Douglas K. Norman  
Name: Douglas K. Norman  
Title: Vice President, General Patent Counsel

Accepted by:  
Elanco US Inc.

By: Robert D. Titus  
Name: Robert D. Titus  
Title: Sr. Director, Assistant General Patent Counsel

# Schedule A

| Docket  | Country       | Application No. | Application Date | Patent Number | Grant Date |
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