

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4598266

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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>    |
| OWEN CALLAGHAN  | 01/19/2016               |
| CORNELIS P. M. GOVERS   | 01/14/2016               |
| <b>RECEIVING PARTY DATA</b>   |                          |
| <b>Name:</b>  | MERCK SHARP & DOHME B.V. |
| <b>Street Address:</b>  | WAARDERWEG 39            |
| <b>City:</b>  | HAARLEM                  |
| <b>State/Country:</b>   | NETHERLANDS              |
| <b>Postal Code:</b>   | 2031 BN                  |
| <b>PROPERTY NUMBERS Total: 1</b>  |                          |
| <b>Property Type</b>  | <b>Number</b>            |
| <b>Application Number:</b>  | 15559099                 |
| <b>CORRESPONDENCE DATA</b>  |                          |
| <b>Fax Number:</b>  | (732)594-4720            |
| <i>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.</i> |                          |
| <b>Phone:</b>   | 732 594-4000             |
| <b>Email:</b>   | us_efs@merck.com         |
| <b>Correspondent Name:</b>  | MERCK & CO., INC.        |
| <b>Address Line 1:</b>  | P.O. BOX 2000            |
| <b>Address Line 2:</b>  | RY86-2011A               |
| <b>Address Line 4:</b>  | RAHWAY, NEW JERSEY 07065 |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 24039-US-PCT             |
| <b>NAME OF SUBMITTER:</b>   | PAMELA SPALDING          |
| <b>SIGNATURE:</b>   | /Pamela Spalding/        |
| <b>DATE SIGNED:</b>   | 09/18/2017               |
| <b>Total Attachments: 4</b>   |                          |
| source=24039USPCT-MSDBVASSIGN-18SEPT2017#page1.tif  |                          |
| source=24039USPCT-MSDBVASSIGN-18SEPT2017#page2.tif  |                          |
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| source=24039USPCT-MSDBVASSIGN-18SEPT2017#page4.tif  |                          |

**WORLDWIDE ASSIGNMENT**

WHEREAS, I/WE,

- (1) Owen Callaghan, located at Den Bosch, Netherlands
- (2) Cornelis P. M. Govers, located at Berghem, Netherlands

(hereinafter ASSIGNOR(S)), together with Joris M. Swaak, located at Deventer, Netherlands; Marco A. Voogsgerd, located at Deventer, Netherlands; Mario A. A. de Zeeuw, located at Deventer, Netherlands; Jesper Laursen, located at Alslev, Denmark, and Klaas Sipkens, located at Alslev, Denmark are the inventors of the invention described in an application for Patents having the Attorney Docket Number indicated above and the following Title of the Invention:

VAGINAL RING APPLICATOR

and/or in the following application(s):

\_\_\_\_\_ filed on \_\_\_\_\_ (EP priority application)

62/140,580 filed on 3/31/2015 (U.S. Provisional application)

62/275,324 filed on 01/06/2016 (U.S. Provisional Application)

PCT/EP2016/056925 filed on 3/30/2016 (PCT international application)

U.S. Application No. 15/559,099 having a filing date of 9/18/2017

WHEREAS I/WE covenant that the rights and property herein conveyed are free and clear of any encumbrance, and that I/we have the full right to convey the same as herein expressed.

WHEREAS, Merck Sharp & Dohme B.V., a corporation organized under the laws of the Netherlands, having its principle office at Waardenweg 39, 2031 BN Haarlem, the Netherlands, and its successors, assigns and legal representatives (hereinafter **ASSIGNEE**), is desirous of obtaining the entire right, title and interest in, to and under the invention disclosed in said application or applications;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I/we, said ASSIGNOR(S), do each hereby sell, assign and transfer or confirm the grant and assignment to said **ASSIGNEE** my/our entire right, title and interest in all countries of the world in and to my/our invention described in said application for Patents, in and to the right to file patent applications in the name of **ASSIGNEE**, its designee, or in any or all of our names, at its election, on the aforesaid invention in all countries of the world, together with all rights of priority in the aforesaid countries deriving from the above-identified application for Patents under the International Convention for the Protection of Industrial Property, under the Inter-American Convention relating to Inventions, Patents, Designs and Industrial Models and under any other international arrangement relating to patents or intellectual property, in and to any and all Letters Patent that are granted from the aforesaid application for Patents, in and to any applications claiming priority benefits to a provisional patent application or other applications filed on said invention, and in and to any continuations, divisions, reexaminations, reissues, renewals and extensions thereof of any of said Letters Patent, the same to be held and enjoyed by said **ASSIGNEE**, to the full ends of the terms for which all Letters Patent therefore may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

AND I/WE HEREBY covenant and agree that we will at any time, upon the request and at the expense of **ASSIGNEE**, without further compensation or charge to said **ASSIGNEE**, execute and deliver any and all documents that may be necessary or desirable to perfect the title to the foregoing invention, patent applications, and Letters Patent and continuations, divisions, reexaminations, reissues, renewals and extensions thereof in the name of **ASSIGNEE**, including the execution and procurement of any and all further documents evidencing this assignment and sale as may be necessary or desirable for recording the same in the Patent Office of any country concerned, and will make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein.

I/WE HEREBY authorize **ASSIGNEE** to insert in this instrument the Application Number(s) and the filing date(s) of said application for Patents when officially notified thereof.

This document may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such components shall together constitute but one and the same document.

Executed this 19 day of JANUARY, 20 16.

Owen Callaghan

Owen Callaghan

**ACKNOWLEDGEMENT**

On this 19 day of JANUARY, 20 16, personally appeared before me **Owen Callaghan** to me known, and known by me to be the same person(s) described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

Giacomo Carlucci  
Witness

Laura Wostel  
Witness

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_  
Cornelis P. M. Govers

**ACKNOWLEDGEMENT**

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me **Cornelis P. M. Govers** to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Witness

**WORLDWIDE ASSIGNMENT**

WHEREAS, I/WE,

- (1) Owen Callaghan, located at Den Bosch, Netherlands
- (2) Cornelis P. M. Govers, located at Berghem, Netherlands

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NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I/we, said ASSIGNOR(S), do each hereby sell, assign and transfer or confirm the grant and assignment to said **ASSIGNEE** my/our entire right, title and interest in all countries of the world in and to my/our invention described in said application for Patents, in and to the right to file patent applications in the name of **ASSIGNEE**, its designee, or in any or all of our names, at its election, on the aforesaid invention in all countries of the world, together with all rights of priority in the aforesaid countries deriving from the above-identified application for Patents under the International Convention for the Protection of Industrial Property, under the Inter-American Convention relating to Inventions, Patents, Designs and Industrial Models and under any other international arrangement relating to patents or intellectual property, in and to any and all Letters Patent that are granted from the aforesaid application for Patents, in and to any applications claiming priority benefits to a provisional patent application or other applications filed on said invention, and in and to any continuations, divisions, reexaminations, reissues, renewals and extensions thereof of any of said Letters Patent, the same to be held and enjoyed by said **ASSIGNEE**, to the full ends of the terms for which all Letters Patent therefore may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

AND I/WE HEREBY covenant and agree that we will at any time, upon the request and at the expense of **ASSIGNEE**, without further compensation or charge to said **ASSIGNEE**, execute and deliver any and all documents that may be necessary or desirable to perfect the title to the foregoing invention, patent applications, and Letters Patent and continuations, divisions, reexaminations, reissues, renewals and extensions thereof in the name of **ASSIGNEE**, including the execution and procurement of any and all further documents evidencing this assignment and sale as may be necessary or desirable for recording the same in the Patent Office of any country concerned, and will make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein.

I/WE HEREBY authorize **ASSIGNEE** to insert in this instrument the Application Number(s) and the filing date(s) of said application for Patents when officially notified thereof.

This document may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such components shall together constitute but one and the same document.

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_  
Owen Callaghan

**ACKNOWLEDGEMENT**

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me **Owen Callaghan** to me known, and known by me to be the same person(s) described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Witness

Executed this 14 day of January, 2016.

\_\_\_\_\_  
Cornelis P. M. Govers

**ACKNOWLEDGEMENT**

On this 14 day of January, 2016, personally appeared before me **Cornelis P. M. Govers** to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

  
\_\_\_\_\_  
Witness

  
\_\_\_\_\_  
Witness