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| <b>PATENT ASSIGNMENT COVER SHEET</b> |
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4880502

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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>                |
| HELIX BIOPHARMA CORP.   | 01/31/2017                           |
| <b>RECEIVING PARTY DATA</b>   |                                      |
| <b>Name:</b>  | XISLE PHARMA VENTURES TRUST          |
| <b>Street Address:</b>  | GENEVA PLACE,                        |
| <b>Internal Address:</b>  | 333 WATERFRONT DRIVE                 |
| <b>City:</b>  | ROAD TOWN, TORTOLA                   |
| <b>State/Country:</b>   | VIRGIN ISLANDS, BRITISH              |
| <b>Postal Code:</b>   | VG1110                               |
| <b>PROPERTY NUMBERS Total: 3</b>  |                                      |
| <b>Property Type</b>  | <b>Number</b>                        |
| <b>Patent Number:</b>   | 6165458                              |
| <b>Patent Number:</b>   | 6444200                              |
| <b>Patent Number:</b>   | 6656499                              |
| <b>CORRESPONDENCE DATA</b>  |                                      |
| <b>Fax Number:</b>  | (416)865-1515                        |
| <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>   | 416-865-4708                         |
| <b>Email:</b>   | lbartoszewicz@airdmcburney.com       |
| <b>Correspondent Name:</b>  | LOLA BARTOSZEWICZ                    |
| <b>Address Line 1:</b>  | AIRD & MCBURNEY LP, BROOKFIELD PLACE |
| <b>Address Line 2:</b>  | 181 BAY STREET, SUITE 1800           |
| <b>Address Line 4:</b>  | TORONTO, CANADA M5J 2T9              |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 16082-1 LAB                          |
| <b>NAME OF SUBMITTER:</b>   | LOLA A. BARTOSZEWICZ                 |
| <b>SIGNATURE:</b>   | /Lola A. Bartoszewicz/               |
| <b>DATE SIGNED:</b>   | 03/23/2018                           |
| <b>Total Attachments: 5</b>   |                                      |
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CONFIRMATORY ASSIGNMENT

WHEREAS, **HELIX BIOPHARMA CORP.**, (hereinafter referred to as "ASSIGNOR"), having a place of business at 21 St. Clair Avenue East, Suite 1100, Toronto, Ontario, M4T 1L9, Canada, is the owner of the Letters Patent and patent applications set out in Schedule A attached hereto; and

WHEREAS, **XISLE PHARMA VENTURES TRUST**, (hereinafter referred to as "ASSIGNEE"), having a place of business at Geneva Place, 333 Waterfront Drive, Road Town, Tortola, British Virgin Islands, is desirous of acquiring the exclusive right, title and interest in and to the said Letters Patent and patent applications.

NOW THEREFORE to all whom it may concern be it known that for and in consideration of the sum of one dollar (\$1.00) to them in hand paid by the said Assignee and other good and valuable consideration the receipt of which is hereby acknowledged, the said Assignor hereby confirms that they have as of November 18, 2016, assigned and transferred to the said Assignee, its successors and assigns, their entire right, title and interest in and to the said inventions for all countries and in and to the said U.S. Patent Applications and all Letters Patent that may be obtained therefor in the U.S., and in and to any corresponding patents and patent applications therefor in other countries.

AND the said Assignor hereby authorizes and requests the Patent Office to issue Letters Patent for the said inventions to said Assignee, the assignee of the entire right, title and interest in and to the same, for its sole use and benefit; and for the use and benefit of its successors and assigns, to the full end of the term for which a U.S. Letters Patent may be granted, as fully and entirely as the same would have been held by them had this assignment and sale not been made.

We hereby undertake without liability at any time upon request to do everything legally possible to assist the said Assignee in the filing and prosecution of any patent application relating to the said inventions in any country, to sign such documents and do such things as may be required to give effective legal and registered title of the said Assignee to the inventions in any country, all without further consideration but at the expense of the said Assignee.

SIGNED at Toronto, ON, this 31 day of Jan, 2017.

Assignor

[Signature]  
Assignee - Helix BioPharma Corp.  
Name: Heman Chao  
Title: CSO

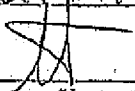
STATEMENT OF WITNESS

I, STEVE DEMAS  
hereby declare that I was personally present and did see HEMAN CHAO, who is personally known to me to be the person in the attached assignment, duly sign and execute the same.

SIGNED at TORONTO, ON, this 31 day of JAN, 2017.

[Signature]  
Signature of Witness

SIGNED at Tortola, B.V.I. this 31<sup>st</sup> day of JANUARY, 2017.



Assignee

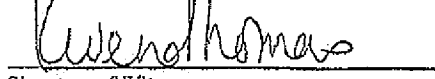
Xisic Pirrama Ventures Trust  
Name: MENDE MALONE  
Title: CO-TRUSTEE

STATEMENT OF WITNESS

I, KWENDE THOMAS

hereby declare that I was personally present and did see MENDE MALONE who is personally known to me to be the person in the attached assignment, duly sign and execute the same.

SIGNED at Tortola, B.V.I. this 31<sup>st</sup> day of JANUARY, 2017.



Signature of Witness

SCHEDULE A

Title: **Biphasic Lipid-Vesicle Compositions And Methods For Treating Cervical Dysplasia By Intravaginal Delivery**  
Inventor(s): **Praveen Kumar**

| Our Reference              | Country | Filing Date     | Filing Number                         | Based On                    | Issue Date     | Issue Number |
|----------------------------|---------|-----------------|---------------------------------------|-----------------------------|----------------|--------------|
| 16082-2<br>(134066)<br>LAB | U.S.    | August 12, 2013 | 13/965,122                            | Original Application        | March 24, 2015 | 8,986,732    |
| 16082-3<br>LAB             | PCT     | August 11, 2014 | PCT/US2014/050590<br>(WO 2015/023600) | US 13/965,122               | n/a            | n/a          |
| 16082-4<br>(134068)<br>LAB | U.S.    | August 12, 2013 | 14/059,369                            | Divisional of US 13/965,122 | March 31, 2015 | 8,992,969    |
| 16082-5<br>(134067)<br>LAB | U.S.    | August 12, 2013 | 14/059,373                            | Divisional of US 13/965,122 | April 21, 2015 | 9,011,924    |

Title: **Biphasic Lipid-Vesicle Compositions And Methods For Treating Cervical Dysplasia By Intravaginal Delivery**  
Inventor(s): **Praveen Kumar**

| Our Reference              | Country | Filing Date     | Filing Number                         | Based On             | Issue Date | Issue Number | Expiry Date |
|----------------------------|---------|-----------------|---------------------------------------|----------------------|------------|--------------|-------------|
| 16082-6<br>(134069)<br>LAB | U.S.    | August 12, 2013 | 13/965,158                            | Original Application |            |              |             |
| 16082-7<br>LAB             | PCT     | August 11, 2014 | PCT/US2014/050591<br>(WO 2015/023601) | US 13/965,158        | n/a        | n/a          | n/a         |

\*U.S. 6,165,458 == 16082-8  
\*U.S. 6,444,200 == 16082-9  
\*U.S. 6,656,499 == 16082-10  
\* all annuities paid

Title: **Biphasic Lipid-Vesicle Composition And Method For Treating Cervical Dysplasia By Intravaginal Delivery**  
 Inventor(s): **Marianna Földvarl, Praveen Kumar, John Docherty**

| Our Reference               | Country   | Filing Date    | Filing Number                         | Based On                              | Issue Date       | Issue Number               |           |
|-----------------------------|-----------|----------------|---------------------------------------|---------------------------------------|------------------|----------------------------|-----------|
| 16082-11<br>LAB             | U.S.      | March 30, 2007 | 60/909,324                            | Original Application:                 |                  |                            |           |
| 16082-12<br>LAB             | PCT       | March 27, 2008 | PCT/CA2008/000563<br>(WO 2008/119160) | US 60/909324                          |                  |                            |           |
| 16082-13<br>(134073)<br>LAB | Australia | March 27, 2008 | 2008234364                            | PCT/CA2008/000563<br>(WO 2008/119160) | January 30, 2014 | 2008234364                 |           |
| 16082-14<br>(134072)        | Taiwan    |                | 9711592                               |                                       |                  | 1440477                    |           |
| 16082-15<br>(133321)<br>LAB | Canada    |                | 2,681,565                             |                                       |                  |                            |           |
| 16082-16<br>(134074)<br>LAB | Europe    |                | 2008733666<br>(08733666.5)            |                                       |                  |                            |           |
| 16082-17<br>(134076)<br>LAB | Hong Kong |                | 10102315.2                            |                                       |                  |                            |           |
| 16082-18<br>(134077)        | Japan     |                | 2010-500036                           |                                       |                  |                            |           |
| 16082-19<br>(134078)<br>LAB | Korea     |                | 10-2009-7022-186                      |                                       |                  |                            |           |
| 16082-20<br>(134079)        | Mexico    |                | MX/a/2009/010405                      |                                       |                  |                            |           |
| 16082-21<br>(134080)<br>LAB | U.S.      |                | 12/532752                             |                                       |                  | February 3, 2015           | 8,945,529 |
| 16082-22<br>LAB             | U.S.      |                | March 27, 2008                        |                                       | 12/532752        | Divisional of US 12/532752 |           |
| 16082-23<br>LAB             | U.S.      | March 27, 2008 | 12/532752                             | Continuation of US 12/532752          |                  |                            |           |