

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT6125950

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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>                             |
| LUKE HAGAN                                                                                                                                                                                      | 04/30/2018                                        |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                                   |
| <b>Name:</b>                                                                                                                                                                                    | XIMEDICA                                          |
| <b>Street Address:</b>                                                                                                                                                                          | 55 DUPONT DRIVE                                   |
| <b>City:</b>                                                                                                                                                                                    | PROVIDENCE                                        |
| <b>State/Country:</b>                                                                                                                                                                           | RHODE ISLAND                                      |
| <b>Postal Code:</b>                                                                                                                                                                             | 02907                                             |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                                   |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>                                     |
| Application Number:                                                                                                                                                                             | 16799907                                          |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                                   |
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| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | 38108-486                                         |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | PATRICK E. BRENNAN                                |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /Patrick E. Brennan/                              |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 05/28/2020                                        |
| <b>Total Attachments: 2</b>                                                                                                                                                                     |                                                   |
| source=38108-432 Assignment Inventor to Ximedica 13JUN2019#page1.tif                                                                                                                            |                                                   |
| source=38108-432 Assignment Inventor to Ximedica 13JUN2019#page2.tif                                                                                                                            |                                                   |

**Patent Application Processed According to the  
Patent Cooperation Treaty (PCT) or the  
United States Patent and Trademark Office (USPTO)**

| APPLICATION NO.                                 | FILING DATE         | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-------------------------------------------------|---------------------|----------------------|---------------------|------------------|
| PCT/US2017/064614                               | December 5,<br>2017 | Russell F. Ross      | 65022227PCT04       | 2063             |
| TITLE OF INVENTION                              |                     |                      |                     |                  |
| FLUID DELIVERY APPARATUS AND METHOD OF ASSEMBLY |                     |                      |                     |                  |

**Assignment**

WHEREAS Luke Hagan residing in Seattle, WA/US (hereinafter collectively referred to as Assignor(s)), have made an invention and have each either (1) previously filed a Patent Application processed according to the PCT or the USPTO, or (2) are going to file a Patent Application processed according to the PCT or the USPTO for the invention identified above.

AND WHEREAS Ximedica a corporation of the State of Rhode Island, having offices at 55 Dupont Drive, Providence, RI 02907, United States of America, (hereinafter referred to as Assignee), is desirous of acquiring or confirming its ownership of the entire right, title and interest in and to said invention and under said Patent Application or similar legal protection to be obtained therefor in all countries of the world.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignor(s) hereby:

- (i) sell(s), assign(s) and transfer(s) to the Assignee, or
- (ii) acknowledge(s) that due to (a) our/my employment relationship or (b) an obligation to assign inventions pursuant to a prior existing agreement, at least as early as the filing date of the Patent Application the Assignor(s) did sell, assign and transfer to the Assignee, and do hereby confirm such for,

the entire right, title and interest to said invention and in and to any and all Letters Patent or similar legal protection in all countries of the world to be obtained for said invention by said application or any continuation, continuation-in-part, divisional, renewal, substitute, re-examination, conversion or reissue thereof, including all extensions thereof, or any legal equivalent thereof in any country for the full term or terms for which the same may be granted, including any and all rights to claim priority from the application.

The Assignor(s) hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment acknowledgment.

The Assignor(s) further covenant(s) that the Assignor(s) will promptly provide, upon written request, Assignee with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in countries as may be known and accessible to the Assignor(s) and that they/he/she will promptly execute and deliver to Assignee or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue, extend and enforce said application, said invention and said Letters Patent and said equivalents thereof in any country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, the Assignor(s) have executed this document on the date indicated below:

/ Luke Hagan /

Date: 4/30/2018

Luke Hagan