502582294 11/25/2013

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------|----------------|
| F. NICHOLAS FRANANO | 11/25/2013 |

RECEIVING PARTY DATA

| Name: | NOVITA THERAPEUTICS, LLC |
|-------------------|---------------------------|
| Street Address: | 10900 S. CLAY BLAIR BLVD. |
| Internal Address: | SUITE 200 |
| City: | OLATHE |
| State/Country: | KANSAS |
| Postal Code: | 66061 |

PROPERTY NUMBERS Total: 3

| Property Type | Number |
|---------------------|--------------|
| Application Number: | 61524761 |
| Application Number: | 61564671 |
| PCT Number: | US2012050983 |

CORRESPONDENCE DATA

 Fax Number:
 (816)753-1536

 Phone:
 816-753-1000

 Email:
 uspt@polsinelli.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: PATRICK C. WOOLLEY
Address Line 1: 900 W. 48TH PLACE

Address Line 2: SUITE 900

Address Line 4: KANSAS CITY, MISSOURI 64112

| ATTORNEY DOCKET NUMBER: | 057556-445637 |
|-------------------------|--------------------------|
| NAME OF SUBMITTER: | ERIN M. PERRY, PARALEGAL |
| | |

PATENT REEL: 031673 FRAME: 0001 900 6459476

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| Signature: | /Erin M. Perry/ |
|--|-----------------|
| Date: | 11/25/2013 |
| Total Attachments: 2 source=ExecutedAssign#page1.tif source=ExecutedAssign#page2.tif | |

PATENT REEL: 031673 FRAME: 0002

Attorney Docket No.: 057556-445637

ASSIGNMENT

WHEREAS, I, F. Nicholas Franano, M.D. of the State of Kansas, citizen of the United States of America, (hereinafter referred to as "Assignor"), has invented certain new and useful devices and/or methods relating to BLOOD PUMP SYSTEMS AND METHODS (the "Invention") and has executed applications based thereon, specifically Provisional Patent Application No. 61/524,761 filed August 17, 2011; Provisional Patent Application No. 61/564,671 filed November 29, 2011; and International Application No. PCT/US2012/050983 filed August 15, 2012 (the "Applications"); and

WHEREAS, Novita Therapeutics, LLC (hereinafter referred to as "Assignee"), a limited liability company having an address of 10900 S. Clay Blair Blvd., Suite 200, Olathe, Kansas 66061, is desirous of acquiring an interest in, to, and under the invention, the applications, and any and all Letters Patent that may be granted for or upon the invention in the United States of America and all countries foreign thereto.

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged that Assignor has sold, assigned, and transferred, and by these presents to sell, assign, and transfer to Assignee the full and exclusive right, title, and interest, throughout the world, in, to, and under the following:

- (a) the invention as set forth and described in the specification, if any, prepared, executed, to be executed, or not executed by me/us therefor, preparatory to obtaining one or more Patents of the United States and/or countries foreign thereto, whether prepared, executed, and/or filed as a provisional application and/or a non-provisional application;
 - (b) the Application(s);
- (c) any and all provisionals and non-provisionals, refilings, divisions, continuations, and continuations-in-part of the application(s);
- (d) any and all Patents of the United States of America that may issue from the application(s), refilings, divisions, continuations, and continuations-in-part;
- (e) any and all reissues, reexaminations, and extensions of the Patents of the
 United States of America;
- (f) any and all applications for Patent for or upon the invention that may be filed in any and all countries foreign to the United States of America;
- (g) any and all refilings, divisions, and continuations of the foreign-filed applications;

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- any and all Patents of countries foreign to the United States of America (h) that may issue from the foreign-filed applications, refilings, divisions, and continuations; and
- any and all extensions of, and additions to, the Patents of countries foreign (i) to the United States of America; and
- all past, present, and future damages to, and rights to enforce/litigate, any (j) of the above.

ALL of the above shall be held and enjoyed by Assignee for its own use and benefit, and for its successors, legal representatives, and assigns, to the full end of the term for which the Letters Patent may be granted, and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue the Letters Patent in accordance with this Assignment.

Executed the 25 day of November, 2013.

F. Nicholas Franano, M.D.

STATE OF KANDAS)
COUNTY OF (10/12/2007)

On this 25 day of November, 2013, before me personally appeared F. Nicholas Franano, M.D., to me known to be the person described in, and who executed the foregoing instrument, and duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

Mary Public Hallo

My Commission expires:

5.12.16

RECORDED: 11/25/2013