

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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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>               |
| PATRICK Y. LU                                                                                                                                                                                   | 06/16/2014                          |
| VERA SIMONENKO                                                                                                                                                                                  | 10/13/2014                          |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                     |
| <b>Name:</b>                                                                                                                                                                                    | SIRNAOMICS, INC.                    |
| <b>Street Address:</b>                                                                                                                                                                          | 401 PROFESSIONAL DR., SUITE 280     |
| <b>City:</b>                                                                                                                                                                                    | GAITHERSBURG                        |
| <b>State/Country:</b>                                                                                                                                                                           | MARYLAND                            |
| <b>Postal Code:</b>                                                                                                                                                                             | 20879                               |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                     |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>                       |
| <b>Application Number:</b>                                                                                                                                                                      | 15166223                            |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                     |
| <b>Fax Number:</b>                                                                                                                                                                              | (540)301-1121                       |
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| <b>Correspondent Name:</b>                                                                                                                                                                      | THE LAW OFFICE OF GEOFFREY M. KARNY |
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| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | SIR-005/P001-US-RE                  |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | GEOFFREY M. KARNY                   |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /Geoffrey M. Karny/                 |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 02/13/2018                          |
| <b>Total Attachments: 3</b>                                                                                                                                                                     |                                     |
| source=Assignment - Lu & Simonenko#page1.tif                                                                                                                                                    |                                     |
| source=Assignment - Lu & Simonenko#page2.tif                                                                                                                                                    |                                     |
| source=Assignment - Lu & Simonenko#page3.tif                                                                                                                                                    |                                     |

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

Sirnaomics, Inc.  
401 Professional Dr., Suite 130  
Gaithersburg, MD 20879

(hereinafter referred to as "ASSIGNEE") its successors and assigns, my/our entire right, title and interest for the United States, its territories and possessions, and all foreign countries in and the invention entitled

Multi-Targeted RNAi Therapeutics for Scarless Wound Healing of Skin

as set forth in United States Provisional Patent Application No. 60/985,820, filed November 6, 2007, United States Patent Application No. 12/741,645, filed August 26, 2010, which issued as US Patent No. 8,735,567 B2 on May 27, 2014, and International Patent Application No. PCT/US 2008/012498, filed November 6, 2008

as well as in and to (a) all improvements and modifications of the above-identified invention, (b) the above-identified patent applications and in any and all other applications for industrial property protection, including, without limitation, all applications for patents, utility models, inventors' certificates and designs, on said invention and on all improvements and modifications of said invention in any country or regional authority whatsoever, including, without limitation, all divisional, continuation, continuation-in-part, renewal, revival, reissue, reexamination, substitute, extension and Paris Convention applications based in whole or in part upon said invention, said improvements and modifications, or said applications, (c) any and all granted patents and reissues, revivals, renewals, substitutions, reexamined patents, supplementary protection certificates and patent term extensions of patents and any other forms of industrial property protection granted for said invention, said improvements and modifications, or upon said applications, (d) every benefit and priority right that is or may be predicated upon or arise from said invention, said improvements and modifications, said applications, said patents and any other forms of industrial property protection, and (e) all rights relating to said invention, said improvements and modifications, said applications, said patents and any other forms of industrial property protection arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property.

Assignor hereby authorizes Assignee to file applications for patent and other forms of industrial property protection in any or all countries and regional authorities on said invention, improvements and modifications in my/our name(s) or in the name of Assignee or otherwise as Assignee may deem advisable;

Assignor hereby authorizes and requests the Commissioner for Patents of the United States of America and the empowered officials of all other countries and regional authorities to grant and issue patents and other forms of industrial property protection to Assignee or transfer all said granted patents and other forms of industrial property protection to Assignee or to another party as the Assignee may direct;

Assignor hereby represents and warrants that I/we are the inventor(s) of said invention, improvements and modifications and that I/we have the full and unencumbered right to assign, sell, transfer and convey the interests assigned, sold, transferred and conveyed herein to Assignee without any encumbrance;

Assignor hereby represents and warrants I/we have not assigned, sold, transferred or conveyed, or agreed to assign, sell, transfer or convey, to any other person or entity any right in or to said invention, improvements, modifications, applications, patents or any other forms of industrial property protection; that I/we have not granted, or agreed to grant, any license to make, use, sell, offer to sell, or import the same or to make, use, sell, offer to sell, or import anything embodying or utilizing said invention, improvements, or modifications; and that I/we will not execute any document in conflict with this Assignment;

Assignor hereby binds my/our heirs and legal representatives, as well as myself/ourselves, to do, upon Assignee's request and at its expense, but without requiring additional consideration to me/us, all acts reasonably serving to assure that the said invention, improvements, modifications, applications and granted patents and other forms of industrial property protection shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me/us or my/our heirs or legal representatives if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents, including petitions, specifications, disclaimers and lawful affidavits, oaths and declarations in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me/us relating to said invention, improvements and modifications or the history thereof; and to furnish Assignee with any and all information, documents, materials, photographs, models, samples and other physical exhibits in my/our control or in the control of my/our heirs or legal representatives and which may be useful for establishing the facts of my/our conception(s), disclosure(s), or reduction(s) to practice of said invention, improvements and modifications;

Assignor hereby grants to The Law Office of Geoffrey M. Karny the power and authority to insert into this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment; and

Assignor understands and agrees that the attorneys and agents of The Law Office of Geoffrey M. Karny do not personally represent my/our legal interests, but instead represent the interests of Assignee.

In testimony whereof, I/we have affixed my/our signature(s).

Patrick Y. Lu 6/16/2014  
(Date)

Ling Li (Date)

Vera Simonenko 10.13.2014  
(Date)

State of Maryland

County of Montgomery

I certify that, on this \_\_\_\_\_ day of \_\_\_\_\_, 2014, appeared before me in person the above-named \_\_\_\_\_ and \_\_\_\_\_, known to me or otherwise satisfactorily proven to me to be the person(s) described in the foregoing instrument and that he/she/they signed and delivered the above instrument as his/her/their voluntary act and for the uses and purposes set forth therein.

\_\_\_\_\_  
Notary Public

My Commission expires on: \_\_\_\_\_

(Seal)