502140068 11/27/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------|----------------|
| Ikaria, Inc. | 08/20/2012 |

RECEIVING PARTY DATA

| Name: | INO Therapeutics LLC | |
|-------------------|--------------------------------|--|
| Street Address: | Perryville III, Corporate Park | |
| Internal Address: | 53 Frontage Road | |
| City: | Hampton | |
| State/Country: | NEW JERSEY | |
| Postal Code: | 08827 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13683236 |

CORRESPONDENCE DATA

Fax Number: 8777697945

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

Phone: (617) 542-5070
Email: apsi@fr.com
Correspondent Name: Janis K. Fraser

Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

| ATTORNEY DOCKET NUMBER: | 26047-0003006 |
|-------------------------|---------------|
| NAME OF SUBMITTER: | Nancy Bechet |

Total Attachments: 4

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> PATENT REEL: 029353 FRAME: 0573

CH \$40.00 136;

PATENT ASSIGNMENT

WHEREAS, IKARIA, INC., a Delaware corporation, having a place of business at Perryville III, Corporate Park, 53 Frontage Road, Hampton, NJ ("ASSIGNOR"), is the owner of the entire right, title and interest in and to the inventions and improvements disclosed in the United States patent applications listed in the attached Schedule A (the "PATENT APPLICATIONS"), including the PATENT APPLICATIONS themselves, all previously-filed international and foreign patents and patent applications claiming priority to one or more of the PATENT APPLICATIONS or to a parent application of any of the PATENT APPLICATIONS, and any as-yet unfiled patents and applications claiming such inventions and improvements and claiming priority to one or more of the PATENT APPLICATIONS or to a parent application of any of the PATENT APPLICATIONS or to a parent application of any of the PATENT APPLICATIONS (all of which are collectively referred to as the "PATENT RIGHTS");

WHEREAS, INO THERAPEAUTICS LLC, a Delaware corporation, having a place of business at Perryville III, Corporate Park, 53 Frontage Road, Hampton, NJ ("ASSIGNEE"), is desirous of obtaining the entire right, title and interest in and to the PATENT RIGHTS;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR hereby assigns to ASSIGNEE all of its right, title and interest in and to the PATENT RIGHTS; this assignment including said PATENT RIGHTS, any and all United States, international, and foreign patents, utility patents and models, continuations, continuations-in-part, divisionals, reexaminations, reissues, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the respective filing dates of the PATENT APPLICATIONS and/or their parent application(s) under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and this assignment also including, without limitation, any claims (known or unknown, suspected or unsuspected) of any nature that ASSIGNOR has or may have against any party for infringement of any of the PATENT RIGHTS, and the right to sue for past infringement and to recover and retain damages and profits in respect thereof; and

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ASSIGNOR authorizes the ASSIGNEE to apply in all countries in ASSIGNOR'S name or in its own name or the inventors' names for patents, utility models, design registrations, and like rights of exclusion and for inventors' certificates for said inventions and improvements; and

ASSIGNOR hereby covenants and agrees that ASSIGNOR will communicate to the ASSIGNEE or nominees all facts known to ASSIGNOR pertaining to said inventions and improvements, and ASSIGNOR agrees for itself and its heirs, legal representatives, and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, reissues, Preliminary Statements, and other lawful documents, testify in all legal proceedings, make all rightful oaths and declarations, and in general perform or cause to be performed all lawful acts necessary or proper to aid the ASSIGNEE or nominees in obtaining, maintaining, and enforcing all lawful patent protection for the inventions and improvements in the United States and in foreign countries; and

ASSIGNOR hereby covenants that ASSIGNOR has the full right to convey ASSIGNOR'S entire right, title, and interest herein assigned and that ASSIGNOR has not executed and will not execute any agreement in conflict herewith.

IN TESTIMONY WHEREOF, ASSIGNOR has caused this Assignment to be executed by its duly authorized officer.

IKARIA, INC.

DARIA COONEY
NOTARY PUBLIC

WARREN COUNTY, 10.

MY COMMISION EXPIRES 5-13-2013

By William Skulle Title ASSISTANT Secretary Date August 20,7012

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ASSIGNEE hereby acknowledges receipt of the entire right, title and interest in and to the PATENT RIGHTS.

INO THERAPEAUTICS LLC

By Willtan Shewill

Title Assistant Secretary

Date August 20, 2012

NOTARY PUBLIC WARREN COUNTY, NJ. **MY COMMISION EXPIRES 5-13-2013**

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SCHEDULE A: PATENT APPLICATIONS

U.S. Application No. 12/820,866

U.S. Application No. 12/821,020

U.S. Application No. 12/821,041

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PATENT REEL: 029353 FRAME: 0577

RECORDED: 11/27/2012