

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3850168

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	CHANGE OF NAME
CONVEYING PARTY DATA	
Name	Execution Date
ISIS PHARMACEUTICALS, INC.	12/18/2015
RECEIVING PARTY DATA	
Name:	IONIS PHARMACEUTICALS, INC.
Street Address:	2855 GAZELLE COURT
City:	CARLSBAD
State/Country:	CALIFORNIA
Postal Code:	92010
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14814174
CORRESPONDENCE DATA	
Fax Number:	(760)603-3820
<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>	
Phone:	760-603-2553
Email:	leames@ionisph.com
Correspondent Name:	IONIS PHARMACEUTICALS, INC.
Address Line 1:	2855 GAZELLE COURT
Address Line 4:	CARLSBAD, CALIFORNIA 92010
ATTORNEY DOCKET NUMBER:	BIOL0134US.C1
NAME OF SUBMITTER:	LAURA EAMES
SIGNATURE:	/Laura Eames/
DATE SIGNED:	04/28/2016
Total Attachments: 2	
source=ISIS PHARMACEUTICALS INC - DE - Amendment#page1.tif	
source=ISIS PHARMACEUTICALS INC - DE - Amendment#page2.tif	

Delaware

The First State

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I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "ISIS PHARMACEUTICALS, INC.", CHANGING ITS NAME FROM "ISIS PHARMACEUTICALS, INC." TO "IONIS PHARMACEUTICALS, INC.", FILED IN THIS OFFICE ON THE EIGHTEENTH DAY OF DECEMBER, A.D. 2015, AT 9:30 O`CLOCK A.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



2258177 8100
SR# 20151425168

You may verify this certificate online at corp.delaware.gov/authver.shtml

A handwritten signature in black ink, appearing to read "JBullock", is written over a horizontal line. Below the line, the text "Jeffrey W. Bullock, Secretary of State" is printed in a small font.

Authentication: 10646087
Date: 12-18-15

PATENT
REEL: 038548 FRAME: 0578

**CERTIFICATE OF AMENDMENT
TO THE RESTATED CERTIFICATE OF INCORPORATION**

Isis Pharmaceuticals, Inc., a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware (the "Corporation"), hereby certifies that:

FIRST: The name of the Corporation is Isis Pharmaceuticals, Inc.

SECOND: The date on which the Certificate of Incorporation of the Corporation was originally filed with the Secretary of State of the State of Delaware is March 25, 1991.

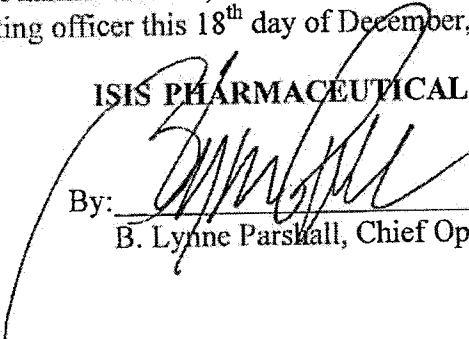
THIRD: The Board of Directors of the Corporation, acting in accordance with the provisions of Sections 141 and 242 of the General Corporation Law of the State of Delaware, adopted resolutions to amend its Restated Certificate of Incorporation as follows:

Article 1 shall be amended and restated to read in its entirety as follows:

"The name of the corporation is Ionis Pharmaceuticals, Inc."

IN WITNESS WHEREOF, Isis Pharmaceuticals, Inc. has caused this Certificate of Amendment to be signed by its chief operating officer this 18th day of December, 2015.

ISIS PHARMACEUTICALS, INC.

By: 

B. Lynne Parshall, Chief Operating Officer