PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2827624

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

CONVEYING PARTY DATA

Name	Execution Date
SYNTONIX PHARMACEUTICALS, INC.	05/19/2010

RECEIVING PARTY DATA

Name:	BIOGEN IDEC HEMOPHILIA INC.	
Street Address:	9 FOURTH AVENUE	
City:	WALTHAM	
State/Country:	MASSACHUSETTS	
Postal Code:	02451	

PROPERTY NUMBERS Total: 13

Property Type	Number
Application Number:	60469600
Application Number:	60487964
Application Number:	60539207
Application Number:	10842054
Application Number:	10841250
Application Number:	11029003
Application Number:	11588431
Application Number:	12100183
Application Number:	12952551
Application Number:	12910265
Application Number:	60468837
Application Number:	10841819
Application Number:	12949564

CORRESPONDENCE DATA

Fax Number: (202)371-2540

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Phone: 2023712600

Email: ckim@skgf.com, djackson@skgf.com

Correspondent Name: STERNE, KESSLER, GOLDSTEIN & FOX PLLC

Address Line 1: 1100 NEW YORK AVE, NW

PATENT

502781028 REEL: 032753 FRAME: 0837

Address Line 4: WA	WASHINGTON, DISTRICT OF COLUMBIA 20005	
ATTORNEY DOCKET NUMBER:	2159.000000/EKS/C-K	
NAME OF SUBMITTER:	JI-EUN KIM	
SIGNATURE:	/Ji-Eun Kim #68,504/	
DATE SIGNED:	04/24/2014	
Total Attachments: 2		

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PATENT REEL: 032753 FRAME: 0838 Delaware

The First State

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 "SYNTONIX PHARMACEUTICALS, INC.", CHANGING ITS NAME FROM "SYNTONIX PHARMACEUTICALS, INC." TO "BIOGEN IDEC HEMOPHILIA INC.", FILED IN THIS OFFICE ON THE NINETEENTH DAY OF MAY, A.D. 2010, AT 4:06 O'CLOCK P.M.

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

2763024 8100

DATE: 05-19-10

AUTHENTICATION: 8004569

PATENT REEL: 032753 FRAME: 0839

Jeffrey W Bullock, Secretary of State

100536362

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

State of Delaware Secretary of State Division of Corporations livered 04:20 PM 05/19/2010 FILED 04:06 PM 05/19/2010 RV 100536362 - 2763024 FILE

RECORDED: 04/24/2014

CERTIFICATE OF AMENDMENT TO THE CERTIFICATE OF INCORPORATION OF. SYNTONIX PHARMACEUTICALS, INC.

The corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware does hereby certify:

FIRST: That the Board of Directors of Syntonix Pharmaceuticals, Inc. duly adopted, by written consent in lieu of a meeting, resolutions setting forth a proposed amendment of the Certificate of Incorporation of said corporation, declaring said amendment to be advisable and recommending the stockholders of said corporation to adopt said amendment. The resolution setting forth the proposed amendment is as follows:

RESOLVED: that the Certificate of Incorporation of the corporation be amended by changing the Article thereof called "Article First" so that, as amended, said Article shall be and read as follows:

The name of the corporation is Biogen Idec Hemophilia Inc.

SECOND: That said amendment was duly adopted in accordance with the provisions of Section 242 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said corporation has caused this certificate to be signed this 19th day of May, 2010.

By:

Matthew Ottmer

Title: Senior Vice President

PATENT REEL: 032753 FRAME: 0840