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PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4849448

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LOUIS H. BOOKBINDER	02/23/2009
MICHAEL F. HALLER	02/23/2009
TYLER M. DYLAN	02/23/2009

RECEIVING PARTY DATA

Name:	HALOZYME THERAPEUTICS, INC.	
Street Address:	11388 SORRENTO VALLEY ROAD	
City:	SAN DIEGO	
State/Country:	CALIFORNIA	
Postal Code:	92121	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15904247

CORRESPONDENCE DATA

Fax Number: (619)595-8135

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.

Phone: 619-595-8010

Email: mlaipsd@dentons.com
Correspondent Name: STEPHANIE SEIDMAN
Address Line 1: DENTONS US LLP

Address Line 2: 4655 EXECUTIVE DRIVE, SUITE 700
Address Line 4: SAN DIEGO, CALIFORNIA 92121

ATTORNEY DOCKET NUMBER:	33320.03053.US13 / 3053C	
NAME OF SUBMITTER:	STEPHANIE SEIDMAN	
SIGNATURE:	/Stephanie Seidman/	
DATE SIGNED:	03/02/2018	

Total Attachments: 6

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ASSIGNMENT

I, Louis H. Bookbinder, a citizen of the United States of America, residing at 14823 Gable Ridge Road, San Diego, California 92128, for good and valuable consideration, have assigned and do hereby assign to HALOZYME THERAPEUTICS, INC., a corporation organized under the laws of Delaware, U.S.A., having a principal business address of 11388 Sorrento Valley Road, San Diego, California 92121, its successors, assigns and legal representatives, my entire right, title and interest in and to the subject matter disclosed in U.S. Utility Application Serial No. 11/238,171 entitled:

SOLUBLE GLYCOSAMINOGLYCANASES AND METHODS OF PREPARING AND USING SOLUBLE GLYCOSAMINOGLYCANASES

which was filed on September 27, 2005, and in and to all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter, including the right to claim for any such applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise and, in and to, all Letters Patent to be obtained for said subject matter by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(b) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent.

PATENT

ASSIGNMENT Bookbinder *et al.*

I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.

DATE: 2/23/09

Louis H. Bookbinder

STATE OF CALIFORNIA

COUNTY OF San Diego

On February 23rd 2009 before me, Cintameni Bridges, Wotary Riblic

personally appeared Louis H. Bookbinder,

who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity and that by his/her signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

tani Prison

CINTAMANI BRIDGES
Commission No. 1832734
NOTARY PUBLIC - CALIFORNIA
SAN DIEGO COUNTY
My Comm. Expires January 23, 2013

Notary Public

ASSIGNMENT

I, Michael F. Haller, a citizen of the United States of America, residing at 3442 Villanova Avenue, San Diego, California 92122, for good and valuable consideration, have assigned and do hereby assign to HALOZYME THERAPEUTICS, INC., a corporation organized under the laws of Delaware, U.S.A., having a principal business address of 11388 Sorrento Valley Road, San Diego, California 92121, its successors, assigns and legal representatives, my entire right, title and interest in and to the subject matter disclosed in U.S. Utility Application Serial No. 11/238,171 entitled:

SOLUBLE GLYCOSAMINOGLYCANASES AND METHODS OF PREPARING AND USING SOLUBLE GLYCOSAMINOGLYCANASES

which was filed on <u>September 27, 2005</u>, and in and to all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter, including the right to claim for any such applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise and, in and to, all Letters Patent to be obtained for said subject matter by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(b) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent.

ASSIGNMENT Bookbinder *et al.*

I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.

DATE: 23 Feb 2009

Michael F. Haller

midwel F.

STATE OF CALIFORNIA

COUNTY OF San Diego

On February 23rd 2009 before me, Cintamani Bridges, Notary Rublic

personally appeared Michael F. Haller,

who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity and that by his/her signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

CINTAMANI BRIDGES
Commission No. 1832734
NOTARY PUBLIC - CALIFORNIA
SAN DIEGO COUNTY
My Comm. Expires January 23, 2013

Notary Public

ASSIGNMENT

I, Tyler M. Dylan, a citizen of the United States of America, residing at 3363 Riviera Drive, San Diego, California 92109, for good and valuable consideration, have assigned and do hereby assign to HALOZYME THERAPEUTICS, INC., a corporation organized under the laws of Delaware, U.S.A., having a principal business address of 11388 Sorrento Valley Road, San Diego, California 92121, its successors, assigns and legal representatives, my entire right, title and interest in and to the subject matter disclosed in U.S. Utility Application Serial No. 11/238,171 entitled:

SOLUBLE GLYCOSAMINOGLYCANASES AND METHODS OF PREPARING AND USING SOLUBLE GLYCOSAMINOGLYCANASES

which was filed on September 27, 2005, and in and to all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter, including the right to claim for any such applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise and, in and to, all Letters Patent to be obtained for said subject matter by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(b) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent.

ASSIGNMENT Bookbinder et al.

I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.

DATE: 23 Feb 09

Tyler M. ylan

STATE OF CALIFORNIA

COUNTY OF San Diego

On February 23 2009 before me, Cintamani Bridges, Notary Public

personally appeared Tyler M. Dylan,

who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/ske executed the same in his/her authorized capacity and that by his/her signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

CINTAMANI BRIDGES
Commission No. 1832734
NOTARY PUBLIC - CALIFORNIA
SAN DIEGO COUNTY
My Comm. Expires January 23, 2013

Notary Public

- 2 of 2 -