

## PATENT ASSIGNMENT COVER SHEET

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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>
	HALOZYME, INC.	02/23/2009
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	LOUIS H. BOOKBINDER	
<b>Street Address:</b>	14823 GABLE RIDGE ROAD	
<b>City:</b>	SAN DIEGO	
<b>State/Country:</b>	CALIFORNIA	
<b>Postal Code:</b>	92128	
<b>Name:</b>	MICHAEL F. HALLER	
<b>Street Address:</b>	3442 VILLANOVA AVENUE	
<b>City:</b>	SAN DIEGO	
<b>State/Country:</b>	CALIFORNIA	
<b>Postal Code:</b>	92122	
<b>Name:</b>	TYLER M. DYLAN	
<b>Street Address:</b>	3363 RIVIERA DRIVE	
<b>City:</b>	SAN DIEGO	
<b>State/Country:</b>	CALIFORNIA	
<b>Postal Code:</b>	92109	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	15904247	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(619)595-8135	
<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>		
<b>Phone:</b>	619-595-8010	
<b>Email:</b>	mlaipsd@dentons.com	
<b>Correspondent Name:</b>	STEPHANIE SEIDMAN	
<b>Address Line 1:</b>	DENTONS US LLP	
<b>Address Line 2:</b>	4655 EXECUTIVE DRIVE, SUITE 700	
<b>Address Line 4:</b>	SAN DIEGO, CALIFORNIA 92121	

PATENT

<b>ATTORNEY DOCKET NUMBER:</b>	33320.03053.US13 / 3053C
<b>NAME OF SUBMITTER:</b>	STEPHANIE SEIDMAN
<b>SIGNATURE:</b>	/Stephanie Seidman/
<b>DATE SIGNED:</b>	03/02/2018
<b>Total Attachments: 6</b> source=3053C_HI_Bookbinder_Haller_Dylan#page1.tif source=3053C_HI_Bookbinder_Haller_Dylan#page2.tif source=3053C_HI_Bookbinder_Haller_Dylan#page3.tif source=3053C_HI_Bookbinder_Haller_Dylan#page4.tif source=3053C_HI_Bookbinder_Haller_Dylan#page5.tif source=3053C_HI_Bookbinder_Haller_Dylan#page6.tif	

**ASSIGNMENT**

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

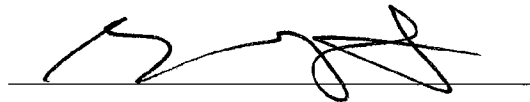
**SOLUBLE GLYCOSAMINOGLYCANASES AND METHODS OF PREPARING AND  
USING SOLUBLE GLYCOSAMINOGLYCANASES**

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: FEB 23 2009



STATE OF CALIFORNIA

COUNTY OF San Diego

On February 23<sup>rd</sup> 2009 before me, Cintamani Bridges Notary Public,  
personally appeared Gregory I. Frost,

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  
Notary Public



**ASSIGNMENT**

**HALOZYME, INC.**, a corporation organized under the laws of California, U.S.A., having a principal business address of 11388 Sorrento Valley Road, San Diego, California 92121, for good and valuable consideration, have assigned and do hereby assign to, **Michael F. Haller**, a citizen of the United States of America, residing at 3442 Villanova Avenue, San Diego, California 92122, its successors, assigns and legal representatives, any 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: FEB 23 2009

[Signature]

STATE OF CALIFORNIA

COUNTY OF San Diego

On February 23<sup>rd</sup> 2009 before me, Cintamani Bridges Notary Public,  
personally appeared Gregory I. Frost,

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

Notary Public



**ASSIGNMENT**

**HALOZYME, INC.**, a corporation organized under the laws of California, U.S.A., having a principal business address of 11388 Sorrento Valley Road, San Diego, California 92121, for good and valuable consideration, have assigned and do hereby assign to, **Tyler M. Dylan**, a citizen of the United States of America, residing at 3363 Riviera Drive, San Diego, California 92109, its successors, assigns and legal representatives, any 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.**

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DATE: FEB 23 2009

[Signature]

STATE OF CALIFORNIA

COUNTY OF San Diego

On February 23<sup>rd</sup> 2009 before me, Cintamani Bridges, Notary Public, personally appeared Gregory I. Frost,

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  
Notary Public

