Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Laurie E. Comstock	05/21/2003
Michael J. Coyne	05/21/2003
Dennis L. Kasper	05/22/2003
Arthur O. Tzianabos	05/21/2003
Katja G. Weinacht	05/09/2003

RECEIVING PARTY DATA

Name:	The Brigham and Women's Hospital, Inc.
Street Address:	75 Francis Street
City:	Boston
State/Country:	MASSACHUSETTS
Postal Code:	02115

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11894552

CORRESPONDENCE DATA

Fax Number: (617)646-8646

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

Phone: 6176468257

Email: jdannunzio-ellis@wolfgreenfield.com

Correspondent Name: Alan W. Steele Address Line 1: 600 Atlantic Avenue

Address Line 2: Wolf, Greenfield & Sacks, P.C. Address Line 4: Boston, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER: B0801.70279US03

NAME OF SUBMITTER: Alan W. Steele

PATENT

500349569 **REEL: 019797 FRAME: 0594**

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PATENT REEL: 019797 FRAME: 0595

ASSIGNMENT

For good and valuable consideration, the sufficiency of which is hereby acknowledged, we, the undersigned, Laurie E. Comstock residing in Medfield, MA, Michael J. Coyne residing in North Attleboro, MA, Dennis L. Kasper residing in Charlestown, MA and Arthur O. Tzianabos residing in Reading, MA, hereby;

Sell, assign and transfer to **The Brigham and Women's Hospital, Inc.**, a Massachusetts corporation having a place of business at 75 Francis Street, Boston, MA 02115, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office, bearing attorney docket number B00801.70279.US, on March 13, 2003 under Serial No. 10/388,390 and entitled **METHOD FOR OVEREXPRESSION OF ZWITTERIONIC POLYSACCHARIDES**, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority;

Agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, we agree to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to me relating to said inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee;

Request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee; and

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

PATENT REEL: 019797 FRAME: 0596

5/21/03 Date	Laurie E. Constock
STATE OF morradurallo: COUNTY OF middlesy:	Laurie E. Comstock
Subscribed and sworn to before me this	day of may
SEAL	Jone & Mollows Notary Public
	My Commission Expires $5/8/09$
Date 5/21/03	Michael J. Coyne
STATE OF <u>Mussolwetts</u> : COUNTY OF <u>Joulling</u> :	
Subscribed and sworn to before me this	2) St day of May
SEAL	John M. Walders Notary Public
	My Commission Expires 5/8/09
5/24/03 Date	Sinn L James
STATE OF MANAGEMENTS:	Dennis L. Kasper
Subscribed and sworn to before me this	and day of Many.
SEAL	Jane J. Moldonis Notary Public
	My Commission Expires

PATENT REEL: 019797 FRAME: 0597

21 My 2003	Culm kins	>
Date	Arthur O. Tzianabos	
STATE OF Margalustits: COUNTY OF milles		
Subscribed and sworn to before me this _	21st day of May	·
SEAL	Joanne G. Maldon	Δ
		Notary Public
	My Commission Expires	slelna

ASSIGNMENT

For good and valuable consideration, the sufficiency of which is hereby acknowledged, I, the undersigned, Katja G. Weinacht, residing in Denzlingen, Germany; hereby:

Sell, assign and transfer to **The Brigham and Women's Hospital, Inc.**, a Massachusetts corporation having a place of business at 75 Francis Street, Boston, MA 02115, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office, bearing attorney docket number B00801.70279.US, on March 13, 2003 under Serial No. 10/388,390 and entitled **METHOD FOR OVEREXPRESSION OF ZWITTERIONIC POLYSACCHARIDES**, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority;

Agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to me relating to said inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee;

Request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee; and

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

<u>S / G / U S</u> Date

Vitness

Katja G. Weinacht

PATENT

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RECORDED: 09/07/2007