

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1


SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Dennis L. Kasper	03/26/2009
Sarkis K. Mazmanian	03/27/2009
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:	12223563
CORRESPONDENCE DATA	
Fax Number:	(617)646-8646
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	617-646-8000
Email:	patents_ErikS@wolfgreenfield.com
Correspondent Name:	Erik J. Spek
Address Line 1:	600 Atlantic Avenue
Address Line 2:	Wolf, Greenfield & Sacks, P.C.
Address Line 4:	Boston, MASSACHUSETTS 02210-2206
ATTORNEY DOCKET NUMBER:	B0801.70327US01
NAME OF SUBMITTER:	Erik J. Spek, Reg. No.: 61,065
Total Attachments: 3 source=B0801.70327US01 - Assignment#page1.tif source=B0801.70327US01 - Assignment#page2.tif	

OP \$40.00 12223563

500834955

**PATENT
 REEL: 022547 FRAME: 0020**

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned **Dennis L. Kasper of Charlestown, Massachusetts**, and **Sarkis K. Mazmanian of Porter Ranch, California**, hereby: *Brookline* 

1. 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, Massachusetts, 02115**, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on **August 1, 2008** under Serial No. **12/223563**, bearing Attorney Docket No. **B0801.70327US01**, and entitled **ZWITTERIONIC POLYSACCHARIDES FOR PROMOTION OF IMMUNE SYSTEM MATURATION AND HEALTH**, and patent application **PCT/US2007/003160** filed on **February 5, 2007**, bearing Attorney Docket No. **B0801.70327W000**, and entitled **ZWITTERIONIC POLYSACCHARIDES FOR PROMOTION OF IMMUNE SYSTEM MATURATION AND HEALTH** and in and to said applications and all non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country 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 or any other jurisdiction on said inventions, including the right to apply for patent rights in each foreign country and all rights to priority;
2. Agree that said Assignee may apply for and receive Letters Patent and utility model and industrial design registrations 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 non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design 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 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;
3. Request the Honorable Director of the United States Patent and Trademark Office to issue said Letters Patent to said Assignee;
4. Authorize and request **Wolf, Greenfield & Sacks, P.C.** to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
5. 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; and
6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

1477470

This instrument is executed under seal.

March 26, 2009
Date

Dennis L. Kasper

Inventor: Dennis L. Kasper
Address: 48 Monument Avenue 15 Hyslop Road
Charlestown, MA 02129 Brookline, MA
Citizenship: US 02445

STATE/Commonwealth of Massachusetts :
COUNTY OF Norfolk :

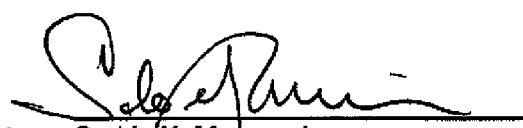
On this 26 day of March, 2009, before me, the undersigned notary public, personally appeared Dennis Kasper, proved to me through satisfactory evidence of identification, which were MA Drivers License, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL [Signature]
Notary Public

LEONARDO F. SABOGAL
Notary Public
My commission expires March 26, 2015
Commonwealth of Massachusetts
My Commission Expires
March 26, 2015

This instrument is executed under seal.

March 22, 2009
Date



Inventor: Sarkis K. Mazmanian
Address: 20029 Laverne Way
Porter Ranch, CA 91326
Citizenship: US

20029 Livorno Way

STATE/Commonwealth OF California :

COUNTY OF USA :

Sworn to and subscribed before me on this ____ day of _____, 20__, under the pains and penalties of perjury under the laws of the United States of America.

SEAL _____
Notary Public

My commission expires _____