

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Robert D. ROSENBERG	12/10/2009
Kuberan BALAGURUNATHAN	12/10/2009
RECEIVING PARTY DATA	
Name:	Massachusetts Institute of Technology
Street Address:	77 Massachusetts Ave.
City:	Cambridge
State/Country:	MASSACHUSETTS
Postal Code:	02139
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	10986058
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ATTORNEY DOCKET NUMBER:	P-6044-US
NAME OF SUBMITTER:	Leah Herszberg
<p>Total Attachments: 4</p> <p>source=P-6044-US-U-ASSIGN-10DEC09#page1.tif</p> <p>source=P-6044-US-U-ASSIGN-10DEC09#page2.tif</p>	

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ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the Receipt of which is hereby acknowledged, I the undersigned, ROSENBERG, Robert D. residing at 711 Harris Ave, Staten Island NY 10314, USA; BALAGURUNATHAN, Kuberan residing at 665 5th Ave, #16,, Salt Lake City, UT 84103

Hereby sell, assign and transfer to Massachusetts Institute of Technology, located at 77 Massachusetts Ave., Cambridge, MA 02139 its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and as possessed by the undersigned, any and all inventions which are disclosed but not claimed in the application for United States Patent U.S. Serial No. 10/986,058 filed November 12, 2004 and is entitled

METHODS FOR SYNTHESIS OF SULFATED SACCHARIDES

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the under-signed or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful

all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

COVENANT with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Witness: <u>Lori Ann Bosco</u>	[Signature]	<u>Robert D. Rosenberg</u>	[Inventor's Signature]
<u>LORI ANN BOSCO</u>	[Name]	<u>ROSENBERG, Robert D.</u>	<u>12/10/09</u>
<u>62 FREEDOM AVE. 10314</u>	[Address]		
<u>12/10/09</u>	[Date]		
<u>[day / month / year]</u>			

Witness: _____	[Signature]	_____	[Inventor's Signature]
_____	[Name]	<u>BALAGURUNATHAN, Kuberan</u>	
_____	[Address]		
_____	[Date]		
<u>[day / month / year]</u>			

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the Receipt of which is hereby acknowledged, I the undersigned, ROSENBERG, Robert D. residing at 711 Harris Ave, Staten Island NY 10314, USA; BALAGURUNATHAN, Kuberan residing at 665 5th Ave, #16,, Salt Lake City, UT 84103

Hereby sell, assign and transfer to Massachusetts Institute of Technology, located at 77 Massachusetts Ave., Cambridge, MA 02139 its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and as possessed by the undersigned, any and all inventions which are disclosed but not claimed in the application for United States Patent U.S. Serial No. 10/986,058 filed November 12, 2004 and is entitled

METHODS FOR SYNTHESIS OF SULFATED SACCHARIDES

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

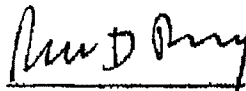
Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the under-signed or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful

all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

COVENANT with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Witness: _____

[Signature]



[Inventor's Signature]

[Name]

ROSENBERG, Robert D.

[Address]

[Date]

[day / month / year]

Witness: _____

[Signature]



[Inventor's Signature]

[Name]

BALAGURUNATHAN, Kuberan

[Address]

425 S. 1000 E. SLIC, UT 84102

[Date]

10/12/2009

[day / month / year]