

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4169125

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
WOLF B. FROMMER	02/18/2011
SYLVIE LALONDE	02/22/2011
RECEIVING PARTY DATA	
Name:	CARNEGIE INSTITUTION OF WASHINGTON
Street Address:	1530 P STREET, N.W.
City:	WASHINGTON
State/Country:	D.C.
Postal Code:	20005
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15348419
CORRESPONDENCE DATA	
Fax Number:	(703)816-4000
<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>	
Phone:	7038164000
Email:	ptomail@nixonvan.com
Correspondent Name:	B. J. SADOFF
Address Line 1:	901 NORTH GLEBE ROAD
Address Line 2:	11TH FLOOR
Address Line 4:	ARLINGTON, VIRGINIA 22203
ATTORNEY DOCKET NUMBER:	BJS-6146-138
NAME OF SUBMITTER:	B. J. SADOFF
SIGNATURE:	/B. J. Sadoff/
DATE SIGNED:	12/05/2016
Total Attachments: 4	
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source=6146-138-Assignment#page2.tif	
source=6146-138-Assignment#page3.tif	
source=6146-138-Assignment#page4.tif	

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

NOVEL SUGAR TRANSPORTERS

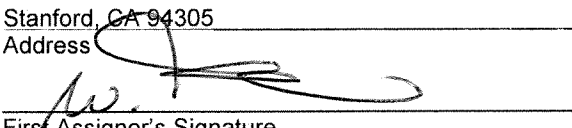
for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on July 21, 2009, (Application No. 12/773,500); and

WHEREAS, Carnegie Institution of Washington, is duly organized and existing under the laws of the District of Columbia, whose post office address is 1530 P Street, N.W., Washington, D.C. 20005, (hereinafter referred to as Assignees), are desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issue upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignees are hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignees, their lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with the assignees, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignees, their successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignees, their successors and assigns.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

County of _____	Wolf B. Frommer Full Name of First Assignor
State of _____	SS. Carnegie Institution 260 Panama Street Stanford, CA 94305 Address _____
Subscribed and sworn to before me this ____ day of _____, 2010	 First Assignor's Signature
_____ Notary Public	02/18/2011 Date
Names of additional inventors attached: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

ATTORNEY DOCKET NO: 056100-5077
SOLE/JOINT INVENTION
(U.S. Rights Only)

County of _____	Sylvie Lalonde Full Name of Second Assignor
State of _____	SS. Carnegie Institution 260 Panama Street Stanford, CA 94305 Address
Subscribed and sworn to before me this _____ day of _____, 2010.	_____ Second Assignor's Signature
_____ Notary Public	_____ Date
Names of additional inventors attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

Morgan, Lewis & Bockius LLP

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NOVEL SUGAR TRANSPORTERS

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County of _____	<u>Wolf B. Frommer</u> Full Name of First Assignor
State of _____	
	SS. Carnegie Institution 260 Panama Street Stanford, CA 94305 Address
Subscribed and sworn to before me this ____ day of _____, 2011	
_____ Notary Public	_____ First Assignor's Signature
	_____ Date
Names of additional inventors attached: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

County of <u>City of: Montreal</u> State of <u>Province of: Quebec</u>	Sylvie Lalonde Full Name of Second Assignor Carnegie Institution <u>8101 CURÉ CLERMONT</u> 260 Panama Street <u>ANJOU, QC, H1K 1X5</u> Stanford, CA 94305 <u>CANADA</u> Address <u>Sylvie Lalonde</u> Second Assignor's Signature <u>02-22-2011</u> Date
Subscribed and sworn to before me this <u>22</u> day of <u>February</u> , 2011. <u>Marilyn Morin</u> Notary Public 	
Names of additional inventors attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

Morgan, Lewis & Bockius LLP