

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CARGILL, INCORPORATED	09/28/2012
RECEIVING PARTY DATA	
Name:	VERENIUM CORPORATION
Street Address:	3550 John Hopkins Ct.
City:	San Diego
State/Country:	CALIFORNIA
Postal Code:	92121
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12810057
CORRESPONDENCE DATA	
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Address Line 4:	San Diego, CALIFORNIA 92121
ATTORNEY DOCKET NUMBER:	D1240-13N
NAME OF SUBMITTER:	Brian W. Siddons
Total Attachments: 4 source=2010-09-29 - Executed Assignment - Cargill - Verenium (D1240-13N)#page1.tif source=2010-09-29 - Executed Assignment - Cargill - Verenium (D1240-13N)#page2.tif source=2010-09-29 - Executed Assignment - Cargill - Verenium (D1240-13N)#page3.tif source=2010-09-29 - Executed Assignment - Cargill - Verenium (D1240-13N)#page4.tif	

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PATENT

**ASSIGNMENT**

THIS ASSIGNMENT, by

**CARGILL, INCORPORATED**, a corporation having a mailing address at 15407 McGinty Road West, Wayzata, Minnesota 55391, United States of America,

(hereinafter referred to as the "Assignor"), witnesseth:

WHEREAS,

**VERENIUM CORPORATION**, a corporation duly organized under and pursuant to the laws of the State of Delaware, and having a mailing address and a place of business at 4955 Directors Place, San Diego, California 92121-1609, United States of America, and corporate headquarters at 55 Cambridge Parkway, Cambridge, Massachusetts 02142, United States of America,

is desirous of acquiring the entire right, title, and interest throughout the world in and to this invention as set forth in

**U.S. Patent Application Number 12/810,057, filed on June 22, 2010**, entitled **TRANSFERASES AND OXIDOREDUCTASES, NUCLEIC ACIDS ENCODING THEM AND METHODS FOR MAKING AND USING THEM**, identified by attorney docket number D1240-13N;

an **International Patent Application Number PCT/US2008/088675, filed December 31, 2008**, published as WO 2009/088949, on July 16, 2009, and entitled **TRANSFERASES AND OXIDOREDUCTASES, NUCLEIC ACIDS ENCODING THEM AND METHODS FOR MAKING AND USING THEM**, identified by attorney docket number D1240-13WO; and,

any non-United States patent application claiming the benefit of priority of said patent application including international patent applications and all national or regional stage applications, which may be filed in the United States and/or other countries (including applications under the European Patent Convention); and specifically including applications filed in the following countries or regions:

Country/Region	Application Number	Verenium Reference
Australia	2008347234	D1240-13AU
Brazil		D1240-13BR
Canada		D1240-13CA
China		D1240-13CN
European Patent Office		D1240-13EP
India		D1240-13IN

Country/Region	Application Number	Verenium Reference
Japan		D1240-13JP
United States	12/810,057	D1240-13N

any United States patent application claiming the benefit of priority of said patent application (including any nonprovisional applications converted to provisional applications, divisionals, continuations and continuations-in-part of said applications);

any Letters Patent issued or granted from said patent applications by any national, regional or international patent-granting authority, including the United States Patent and Trademark Office, (including any reexamination and reissue applications of said Letters Patent, and any continuations or divisionals of said reexamination or reissue applications); and

all related rights arising from said patent applications or Letters Patent under the Paris Convention for the Protection of Industrial Property, as currently revised and amended (including utility model and design protection);

NOW, THEREFORE, in consideration of good, valuable and sufficient consideration, the receipt of which is hereby acknowledged,

said Assignor has and by these presents does sell, assign, transfer and set over unto **VERENIUM CORPORATION**, its successors, legal representatives and assigns (hereinafter collectively referred to as the "Assignee"), the entire and exclusive right, title and interest throughout the world in and to said patent applications, any said Letters Patent, and said related rights to be vested, held, enjoyed by and for the use of said Assignee, to the full end of the terms for which each of said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by said Assignor, had this Assignment not been made;

AND for the same consideration, said Assignor hereby covenants and agrees to and with said Assignee that, at the time of execution and delivery to said Assignee of these presents,

said Assignor is the sole and lawful owners of the entire right, title and interest throughout the world in and to said patent applications, any said Letters Patent; and that the same are unencumbered and that said Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, said Assignor hereby covenants and agrees to and with said Assignee, that whenever counsel of said Assignee shall advise that any proceeding in connection with said patent applications, Letters Patent and related rights (including interference proceedings) is lawful and desirable,

to effectuate fully this Assignment, said Assignor shall sign all papers and documents, take all lawful oaths and do all acts necessary or required for the procurement,

maintenance, enforcement or defense of said Letters Patent (including further reissue applications, assignments and preliminary statements) and to fully and properly vest, perfect, record and maintain the rights and title in said Letters Patent, without charge by said Assignor to said Assignee, but at reasonable cost and expense to said Assignee.

This Assignment constitutes the entire agreement with respect to its subject matter and supersedes any prior or contemporaneous oral or written agreements concerning said subject matter. This Assignment shall be governed in all respects by the laws of the United States and the laws of the state of California. Each of the parties irrevocably consents to personal jurisdiction of the federal and state courts located in California.

This Assignment may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such counterparts shall together constitute but one and the same document.

[signature page follows]



This Assignment executed and dated by the Assignor as follows:

**EXECUTION OF ASSIGNMENT**

In witness whereof, I hereto set my hand and seal at Wayzata, Minnesota  
(city, state where executed)

this 28<sup>TH</sup> day of September 2010  
(date) (month) (year)

[Signature]  
Name: Harry J. Gwinnett  
Title: Vice President  
Cargill Incorporated

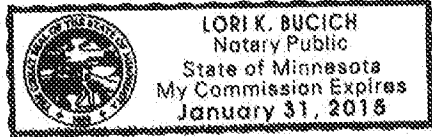
**ALL-PURPOSE ACKNOWLEDGMENT**

State of Minnesota )  
County of Hennepin )

On 28 September 2010, before me, Lori K. Bucich, Notary Public,  
personally appeared Harry J. Gwinnett, 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 executed the same in his authorized capacity, and that by his  
signature on the instrument the person or the entity upon behalf of which the person acted,  
execute the instrument.

WITNESS my hand and official seal.

[Signature]  
Notary Public Signature

  
NOTARY PUBLIC SEAL