

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>PAUL V VIITANEN</td><td>07/06/2008</td></tr><tr><td>KNUT MEYER</td><td>06/26/2008</td></tr><tr><td>DREW E VAN DYK</td><td>06/26/2008</td></tr></tbody></table>	Name	Execution Date	PAUL V VIITANEN	07/06/2008	KNUT MEYER	06/26/2008	DREW E VAN DYK	06/26/2008	
Name	Execution Date								
PAUL V VIITANEN	07/06/2008								
KNUT MEYER	06/26/2008								
DREW E VAN DYK	06/26/2008								
RECEIVING PARTY DATA									
Name:	E. I. DU PONT DE NEMOURS AND COMPANY								
Street Address:	4417 LANCASTER PIKE								
Internal Address:	LEGAL-PATENTS								
City:	WILMINGTON								
State/Country:	DELAWARE								
Postal Code:	19805								
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11403388</td></tr></tbody></table>	Property Type	Number	Application Number:	11403388					
Property Type	Number								
Application Number:	11403388								
CORRESPONDENCE DATA									
Fax Number:	(302)355-3982								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	(302) 892-8300								
Email:	TERRI.A.HEE@USA.DUPONT.COM								
Correspondent Name:	CHRISTINE LHULIER								
Address Line 1:	4417 LANCASTER PIKE								
Address Line 2:	LEGAL-PATENTS								
Address Line 4:	WILMINGTON, DELAWARE 19805								
ATTORNEY DOCKET NUMBER:	CL1821USDIV								
NAME OF SUBMITTER:	TERRI A HEE								
Total Attachments: 3									

CH 11403388 \$40.00

500658638

PATENT
REEL: 021589 FRAME: 0319

source=CL1821USDIV#page1.tif

source=CL1821USDIV#page2.tif

source=CL1821USDIV#page3.tif

PATENT

REEL: 021589 FRAME: 0320

ASSIGNMENT

We, the undersigned

PAUL V. VIITANEN, KNUT MEYER, DREW E. VAN DYK

Hereby declare that

We are the true and first inventors of an invention entitled


UDP-GLUCOSYLTRANSFERASES

and which is disclosed in United States Patent Application No. 11/403388 filed on April 13, 2006 (and which is identified as Case Number CL1821USDIV).

For valuable consideration, the receipt and adequacy of which is hereby acknowledged and in fulfillment of our pre-existing obligation of assignment, we hereby:

I. Sell, assign, and transfer unto E. I. DU PONT DE NEMOURS AND COMPANY, a corporation organized and existing under the laws of State of Delaware in the United States of America and having its principal place of business at Wilmington, Delaware, hereinafter referred to as the assignee, (A) the sole and entire right, title, and interest in and to: (1) the aforesaid application for Letters Patent, (2) any priority rights derived from the aforesaid application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property and any other treaty or understanding for intellectual property for any and all member countries of the aforesaid International Convention or other treaty or understanding, (3) any and all our inventions, whether joint or sole, disclosed in the aforesaid application for Letters Patent, (4) any and all applications for Letters Patent for any such inventions in any country whatsoever, (5) any and all patents for any such inventions in any country whatsoever; and (B) the sole right to (1) file such applications in its name or ours, (2) to file such applications under the aforesaid International Convention or other treaty or understanding, (3) have said patents granted in its name or ours, and (4) enforce said patents and to sue for and recover profits and damages for any and all infringements thereof whether past or future; and

II. Agree, whenever requested, to communicate to said assignee, its successors, assigns, and legal representatives, any facts known to us respecting said rights, to testify in any legal proceeding respecting said rights, to execute all applications, papers or instruments necessary or required by said assignee, its successors, assigns and legal representatives to carry into effect any of the provisions of this instrument, and generally to do everything possible to aid said assignee, its successors, assigns, and legal representatives to obtain and enforce proper patent protection for said inventions in any and all countries.



(L.S.)
PAUL V. VIITANEN
DATE: 7/6/08

(L.S.)
KNUT MEYER
DATE: _____

(L.S.)
DREW E. VAN DYK
DATE: _____

ASSIGNMENT

We, the undersigned

PAUL V. VIITANEN, KNUT MEYER, DREW E. VAN DYK

Hereby declare that

We are the true and first inventors of an invention entitled

UDP-GLUCOSYLTRANSFERASES

and which is disclosed in United States Patent Application No. 11/403388 filed on April 13, 2006 (and which is identified as Case Number CL1821USDIV).

For valuable consideration, the receipt and adequacy of which is hereby acknowledged and in fulfillment of our pre-existing obligation of assignment, we hereby:

I. Sell, assign, and transfer unto E. I. DU PONT DE NEMOURS AND COMPANY, a corporation organized and existing under the laws of State of Delaware in the United States of America and having its principal place of business at Wilmington, Delaware, hereinafter referred to as the assignee, (A) the sole and entire right, title, and interest in and to: (1) the aforesaid application for Letters Patent, (2) any priority rights derived from the aforesaid application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property and any other treaty or understanding for intellectual property for any and all member countries of the aforesaid International Convention or other treaty or understanding, (3) any and all our inventions, whether joint or sole, disclosed in the aforesaid application for Letters Patent, (4) any and all applications for Letters Patent for any such inventions in any country whatsoever, (5) any and all patents for any such inventions in any country whatsoever; and (B) the sole right to (1) file such applications in its name or ours, (2) to file such applications under the aforesaid International Convention or other treaty or understanding, (3) have said patents granted in its name or ours, and (4) enforce said patents and to sue for and recover profits and damages for any and all infringements thereof whether past or future; and

II. Agree, whenever requested, to communicate to said assignee, its successors, assigns, and legal representatives, any facts known to us respecting said rights, to testify in any legal proceeding respecting said rights, to execute all applications, papers or instruments necessary or required by said assignee, its successors, assigns and legal representatives to carry into effect any of the provisions of this instrument, and generally to do everything possible to aid said assignee, its successors, assigns, and legal representatives to obtain and enforce proper patent protection for said inventions in any and all countries.

_____(L.S.)
PAUL V. VIITANEN
DATE: _____

_____(L.S.)
DREW E. VAN DYK
DATE: _____

_____(L.S.)
KNUT MEYER
DATE: 6/26/2008

PATENT

REEL: 021589 FRAME: 0322

ASSIGNMENT

We, the undersigned

PAUL V. VIITANEN, KNUT MEYER, DREW E. VAN DYK

Hereby declare that

We are the true and first inventors of an invention entitled

UDP-GLUCOSYLTRANSFERASES

and which is disclosed in United States Patent Application No. 11/403388 filed on April 13, 2006 (and which is identified as Case Number CL1821USDIV).


For valuable consideration, the receipt and adequacy of which is hereby acknowledged and in fulfillment of our pre-existing obligation of assignment, we hereby:

I. Sell, assign, and transfer unto **E. I. DU PONT DE NEMOURS AND COMPANY**, a corporation organized and existing under the laws of State of Delaware in the United States of America and having its principal place of business at Wilmington, Delaware, hereinafter referred to as the assignee, (A) the sole and entire right, title, and interest in and to: (1) the aforesaid application for Letters Patent, (2) any priority rights derived from the aforesaid application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property and any other treaty or understanding for intellectual property for any and all member countries of the aforesaid International Convention or other treaty or understanding, (3) any and all our inventions, whether joint or sole, disclosed in the aforesaid application for Letters Patent, (4) any and all applications for Letters Patent for any such inventions in any country whatsoever, (5) any and all patents for any such inventions in any country whatsoever; and (B) the sole right to (1) file such applications in its name or ours, (2) to file such applications under the aforesaid International Convention or other treaty or understanding, (3) have said patents granted in its name or ours, and (4) enforce said patents and to sue for and recover profits and damages for any and all infringements thereof whether past or future; and

II. Agree, whenever requested, to communicate to said assignee, its successors, assigns, and legal representatives, any facts known to us respecting said rights, to testify in any legal proceeding respecting said rights, to execute all applications, papers or instruments necessary or required by said assignee, its successors, assigns and legal representatives to carry into effect any of the provisions of this instrument, and generally to do everything possible to aid said assignee, its successors, assigns, and legal representatives to obtain and enforce proper patent protection for said inventions in any and all countries.

_____(L.S.)
PAUL V. VIITANEN
DATE: _____

_____(L.S.)
KNUT MEYER
DATE: _____

_____(L.S.)
DREW E. VAN DYK
DATE: June 26, 2008