

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2614378

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>MARK S PAYNE</td> <td>10/18/2013</td> </tr> <tr> <td>YEFIM BRUN</td> <td>10/18/2013</td> </tr> <tr> <td>HONGXIAN HE</td> <td>10/18/2013</td> </tr> <tr> <td>THOMAS SCHOLZ</td> <td>11/11/2013</td> </tr> </tbody> </table>		Name	Execution Date	MARK S PAYNE	10/18/2013	YEFIM BRUN	10/18/2013	HONGXIAN HE	10/18/2013	THOMAS SCHOLZ	11/11/2013
Name	Execution Date										
MARK S PAYNE	10/18/2013										
YEFIM BRUN	10/18/2013										
HONGXIAN HE	10/18/2013										
THOMAS SCHOLZ	11/11/2013										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>E. I. DU PONT DE NEMOURS AND COMPANY</td> </tr> <tr> <td>Street Address:</td> <td>1007 MARKET STREET</td> </tr> <tr> <td>City:</td> <td>WILMINGTON</td> </tr> <tr> <td>State/Country:</td> <td>DELAWARE</td> </tr> <tr> <td>Postal Code:</td> <td>19898</td> </tr> </table>		Name:	E. I. DU PONT DE NEMOURS AND COMPANY	Street Address:	1007 MARKET STREET	City:	WILMINGTON	State/Country:	DELAWARE	Postal Code:	19898
Name:	E. I. DU PONT DE NEMOURS AND COMPANY										
Street Address:	1007 MARKET STREET										
City:	WILMINGTON										
State/Country:	DELAWARE										
Postal Code:	19898										
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>14036049</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14036049						
Property Type	Number										
Application Number:	14036049										
CORRESPONDENCE DATA											
Fax Number:	(302)355-3982										
Phone:	302-999-4143										
Email:	CAROL.A.REEDER@DUPONT.COM										
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>											
Correspondent Name:	LYNNE CHRISTENBURY										
Address Line 1:	974 CENTRE ROAD										
Address Line 2:	CHESTNUT RUN PLAZA 721										
Address Line 4:	WILMINGTON, DELAWARE 19805										
ATTORNEY DOCKET NUMBER:	CL5756USNP										
NAME OF SUBMITTER:	CAROL REEDER										

Signature:	/CAROL REEDER/
Date:	11/14/2013
<b>Total Attachments: 4</b> source=20131113_CL5756USNP_Assignments_SIGNED#page1.tif source=20131113_CL5756USNP_Assignments_SIGNED#page2.tif source=20131113_CL5756USNP_Assignments_SIGNED#page3.tif source=20131113_CL5756USNP_Assignments_SIGNED#page4.tif	

# NON-PROVISIONAL APPLICATION ASSIGNMENT

We, the undersigned

MARK S PAYNE, YEFIM BRUN, HONGXIAN HE, THOMAS SCHOLZ

Hereby declare that

We are the inventors of an invention entitled

GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS

which is disclosed in the United States Patent Application No. 14/036049 filed on September 25, 2013 and which is identified as Case Number CL5756-US-NP.

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 the 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 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) 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 inventions or the rights described above, to testify in any legal proceeding respecting said inventions or the rights described above, the location of that testimony to be in the country in which we reside or in the nearest country in which such testimony is legal should our country of residence prohibit such testimony, 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.

\_\_\_\_\_(L.S.)  
MARK S PAYNE  
DATE: \_\_\_\_\_

\_\_\_\_\_(L.S.)  
HONGXIAN HE  
DATE: \_\_\_\_\_

*Yefim Brun*  
\_\_\_\_\_(L.S.)  
YEFIM BRUN  
DATE: 10/18/2013

\_\_\_\_\_(L.S.)  
THOMAS SCHOLZ  
DATE: \_\_\_\_\_

# NON-PROVISIONAL APPLICATION ASSIGNMENT

We, the undersigned

MARK S PAYNE, YEFIM BRUN, HONGXIAN HE, THOMAS SCHOLZ.

Hereby declare that

We are the inventors of an invention entitled

GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS


which is disclosed in the United States Patent Application No. 14/036049 filed on September 25, 2013 and which is identified as Case Number CL5756-US-NP.

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 the 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 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) 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 inventions or the rights described above, to testify in any legal proceeding respecting said inventions or the rights described above, the location of that testimony to be in the country in which we reside or in the nearest country in which such testimony is legal should our country of residence prohibit such testimony, 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.

\_\_\_\_\_(L.S.)  
MARK S PAYNE  
DATE: \_\_\_\_\_

\_\_\_\_\_(L.S.)  
HONGXIAN HE  
DATE: 10/18/2013

\_\_\_\_\_(L.S.)  
YEFIM BRUN  
DATE: \_\_\_\_\_

\_\_\_\_\_(L.S.)  
THOMAS SCHOLZ  
DATE: \_\_\_\_\_

**NON-PROVISIONAL APPLICATION ASSIGNMENT**

We, the undersigned

MARK S PAYNE, YEFIM BRUN, HONGXIAN HE, THOMAS SCHOLZ

Hereby declare that

We are the inventors of an invention entitled

GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS

which is disclosed in the United States Patent Application No. 14/036049 filed on September 25, 2013 and which is identified as Case Number CL5756-US-NP.

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 the 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 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) 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 inventions or the rights described above, to testify in any legal proceeding respecting said inventions or the rights described above, the location of that testimony to be in the country in which we reside or in the nearest country in which such testimony is legal should our country of residence prohibit such testimony, 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.

Mark S. Payne (L.S.)  
MARK S PAYNE  
DATE: 10-18-13

\_\_\_\_ (L.S.)  
HONGXIAN HE  
DATE: \_\_\_\_\_

\_\_\_\_ (L.S.)  
YEFIM BRUN  
DATE: \_\_\_\_\_

\_\_\_\_ (L.S.)  
THOMAS SCHOLZ  
DATE: \_\_\_\_\_

# **NON-PROVISIONAL APPLICATION ASSIGNMENT**

We, the undersigned

MARK S PAYNE, YEFIM BRUN, HONGXIAN HE, THOMAS SCHOLZ

Hereby declare that

We are the inventors of an invention entitled

GLUCOSYLTRANSFERASE ENZYMES FOR PRODUCTION OF GLUCAN POLYMERS

which is disclosed in the United States Patent Application No. 14/036049 filed on September 25, 2013 and which is identified as Case Number CL5756-US-NP.

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 the 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 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) 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 inventions or the rights described above, to testify in any legal proceeding respecting said inventions or the rights described above, the location of that testimony to be in the country in which we reside or in the nearest country in which such testimony is legal should our country of residence prohibit such testimony, 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.

\_\_\_\_\_(L.S.)  
MARK S PAYNE  
DATE: \_\_\_\_\_

\_\_\_\_\_(L.S.)  
HONGXIAN HE  
DATE: \_\_\_\_\_

\_\_\_\_\_(L.S.)  
YEFIM BRUN  
DATE: \_\_\_\_\_

  
\_\_\_\_\_(L.S.)  
THOMAS SCHOLZ  
DATE: Nov 11, 2013