

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
<b>CONVEYING PARTY DATA</b>															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>PAUL V. VIITANEN</td> <td>04/25/2009</td> </tr> <tr> <td>LUAN TAO</td> <td>04/22/2009</td> </tr> <tr> <td>YUYING ZHANG</td> <td>04/22/2009</td> </tr> <tr> <td>PERRY G. CAIMI</td> <td>04/22/2009</td> </tr> <tr> <td>LAURA MCCOLE</td> <td>04/23/2009</td> </tr> <tr> <td>CAROL M. MCCUTCHEN</td> <td>06/08/2009</td> </tr> </tbody> </table>		Name	Execution Date	PAUL V. VIITANEN	04/25/2009	LUAN TAO	04/22/2009	YUYING ZHANG	04/22/2009	PERRY G. CAIMI	04/22/2009	LAURA MCCOLE	04/23/2009	CAROL M. MCCUTCHEN	06/08/2009
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<b>CORRESPONDENCE DATA</b>															
<p>Fax Number: (302)355-3982</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 302-992-2973</p> <p>Email: CAROL.A.REEDER@USA.DUPONT.COM</p> <p>Correspondent Name: CHRISTINE M. LHULIER</p> <p>Address Line 1: 4417 LANCASTER PIKE</p> <p>Address Line 2: BARLEY MILL PLAZA 25</p> <p>Address Line 4: WILMINGTON, DELAWARE 19809</p>															
ATTORNEY DOCKET NUMBER:	CL4236USNA														

CH \$40.00 12410495

**500905935**

**PATENT**  
**REEL: 022932 FRAME: 0171**

NAME OF SUBMITTER:

CAROL REEDER

**Total Attachments: 6**

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## ASSIGNMENT

We, the undersigned

PAUL V. VIITANEN, LUAN TAO, YUYING ZHANG, PERRY G. CAIMI,  
LAURA MCCOLE, MIN ZHANG, YAT-CHEN CHOU, MARY ANN  
FRANDEN, CAROL M. MCCUTCHEN

Hereby declare that

We are the true and first inventors of an invention entitled

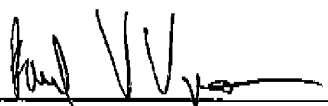
### HIGH EXPRESSION ZYMOMONAS PROMOTERS

and which is disclosed in United States Patent Application No. 12/410495 filed on March 25, 2009 (and which is identified as Case Number CL4236USNA).

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: 4/25/09

\_\_\_\_\_(L.S.)  
LUAN TAO  
DATE: \_\_\_\_\_

\_\_\_\_\_(L.S.)  
YUYING ZHANG  
DATE: \_\_\_\_\_

\_\_\_\_\_(L.S.)  
PERRY G. CAIMI  
DATE: \_\_\_\_\_

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

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\_\_\_\_\_(L.S.)

PAUL V. VIITANEN

DATE: \_\_\_\_\_

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LUAN TAO

DATE: 04/22/2009

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YUYING ZHANG

DATE: \_\_\_\_\_

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**PATENT**

**REEL: 022932 FRAME: 0174**

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MARY ANN FRANDEN

DATE: \_\_\_\_\_

\_\_\_\_\_(L.S.)

PERRY G. CAIMI

DATE: April 22, 2009

\_\_\_\_\_(L.S.)

CAROL M. MCCUTCHEN

DATE: \_\_\_\_\_

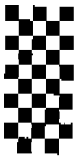
\_\_\_\_\_(L.S.)

LAURA MCCOLE

DATE: \_\_\_\_\_

PATENT

REEL: 022932 FRAME: 0176



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*Laura McCole* (L.S.)  
LAURA MCCOLE  
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*Carol M. McCutchen* (L.S.)  
CAROL M. MCCUTCHEN  
DATE: 6/8/09

\_\_\_\_\_(L.S.)  
LAURA MCCOLE  
DATE: \_\_\_\_\_

PATENT

RECORDED: 07/09/2009

REEL: 022932 FRAME: 0178