

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PERRY G. CAIMI	11/12/2008
KYLE KNOKE	01/19/2009
LUAN TAO	01/19/2009
PAUL V. VIITANEN	11/16/2008
YUYING ZHANG	01/20/2009
RECEIVING PARTY DATA	
Name:	E. I. DU PONT DE NEMOURS AND COMPANY
Street Address:	4417 LANCASTER PIKE
Internal Address:	BARLEY MILL PLAZA 25
City:	WILMINGTON
State/Country:	DELAWARE
Postal Code:	19809
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12261166
CORRESPONDENCE DATA	
Fax Number:	(302)355-3982
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Email:	CAROL.A.REEDER@USA.DUPONT.COM
Correspondent Name:	CHRISTINE M. LHULIER
Address Line 1:	4417 LANCASTER PIKE
Address Line 2:	BARLEY MILL PLAZA 25
Address Line 4:	WILMINGTON, DELAWARE 19809
ATTORNEY DOCKET NUMBER:	CL4039USNA

CH \$40.00 12261166

500924188

**PATENT
 REEL: 023027 FRAME: 0268**

NAME OF SUBMITTER:

CAROL REEDER

Total Attachments: 5

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ASSIGNMENT

We, the undersigned

**PERRY G. CAIMI, YAT-CHEN CHOU, MARY ANN FRANDEN, KYLE
KNOKE, LUAN TAO, PAUL V. VIITANEN, MIN ZHANG, YUYING
ZHANG**

Hereby declare that

We are the true and first inventors of an invention entitled

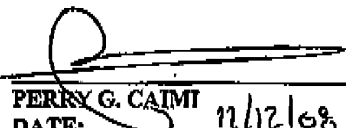
**ZYMOMONAS WITH IMPROVED ETHANOL PRODUCTION IN MEDIUM
CONTAINING CONCENTRATED SUGARS AND ACETATE**

and which is disclosed in United States Patent Application No. 12/261,166 filed on October 30, 2008 (and which is identified as Case Number CL4039USNA).

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.)
PERRY G. CAIMI
DATE: 7/21/08

_____(L.S.)
LUAN TAO
DATE: _____

_____(L.S.)
YAT-CHEN CHOU
DATE: _____

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

_____(L.S.)
MARY ANN FRANDEN
DATE: _____

_____(L.S.)
MIN ZHANG
DATE: _____

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KYLE KNOKE
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_____(L.S.)
MARY ANN FRANDEN
DATE: _____

_____(L.S.)
MIN ZHANG
DATE: _____

_____(L.S.)
KYLE KNOKE
DATE: 1.19.09

_____(L.S.)
YUYING ZHANG
DATE: _____

PATENT

REEL: 023027 FRAME: 0271

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DATE: 1-20-2009