

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Howard Glenn Damude	07/20/2010
Quinn Qun Zhu	07/20/2010
<b>RECEIVING PARTY DATA</b>	
Name:	E. I. DU PONT DE NEMOURS AND COMPANY
Street Address:	4417 LANCASTER PIKE
Internal Address:	LEGAL PRC; BMP25
City:	WILMINGTON
State/Country:	DELAWARE
Postal Code:	19805
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	11737772
<b>CORRESPONDENCE DATA</b>	
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Address Line 2:	LEGAL PRC; BMP25
Address Line 4:	WILMINGTON, DELAWARE 19805
ATTORNEY DOCKET NUMBER:	BB1566USNA
NAME OF SUBMITTER:	COLLEEN A. TAYLOR
Total Attachments: 2 source=BB1566USNA_ExecutedAssignment#page1.tif	

CH \$40.00 11737772

**501238871**

**PATENT**  
**REEL: 024718 FRAME: 0536**



**ASSIGNMENT**

We, the undersigned

HOWARD GLENN DAMUDE, QUINN QUN ZHU

Hereby declare that

We are the true and first inventors of an invention entitled

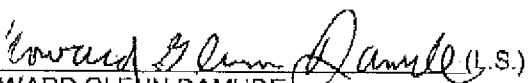
DELTA-8 DESATURASE AND ITS USE IN MAKING POLYUNSATURATED FATTY ACIDS

which is disclosed in the United States Patent Application No. 11/737772 filed on April 20, 2007 and which is identified as Case Number BB1566USNA.

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 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) 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.

  
HOWARD GLENN DAMUDE (U.S.)  
DATE: 7/29/2010

\_\_\_\_\_  
QUINN QUN ZHU (L.S.)  
DATE: \_\_\_\_\_

**ASSIGNMENT**

We, the undersigned

HOWARD GLENN DAMUDE, QUINN QUN ZHU

Hereby declare that

We are the true and first inventors of an invention entitled

DELTA-8 DESATURASE AND ITS USE IN MAKING POLYUNSATURATED FATTY ACIDS

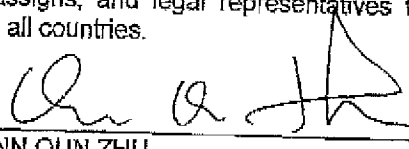
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II. Agree, whenever requested, to communicate to said assignee, its successors, assigns, and legal representatives, any facts known to us respecting said rights, to testify in any legal proceeding respecting said rights, to execute all applications, 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.)  
HOWARD GLENN DAMUDE  
DATE: \_\_\_\_\_

  
\_\_\_\_\_(L.S.)  
QUINN QUN ZHU  
DATE: 7-20-2010

PATENT

RECORDED: 07/21/2010

REEL: 024718 FRAME: 0539