

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		
CONVEYING PARTY DATA			
Name		Execution Date	
HOWARD GLENN DAMUDE		05/02/2008	
QUINN QUN ZHU		05/08/2008	
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			
Property Type	Number		
Application Number:	12102879		
CORRESPONDENCE DATA			
Fax Number:	(302)355-3982		
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>			
Phone:	(302) 992-2973		
Email:	CAROL.A.REEDER@USA.DUPONT.COM		
Correspondent Name:	S. NEIL FELTHAM		
Address Line 1:	4417 LANCASTER PIKE		
Address Line 2:	LEGAL-PATENTS		
Address Line 4:	WILMINGTON, DELAWARE 19805		
ATTORNEY DOCKET NUMBER:	CL3923USNA		
NAME OF SUBMITTER:	CAROL REEDER		
Total Attachments: 1 source=CL3923USNA#page1.tif			

CH \$40.00 12102879

PATENT

500543174

REEL: 020965 FRAME: 0885



ASSIGNMENT

We, the undersigned

HOWARD GLENN DAMUDE, QUINN QUN ZHU

Hereby declare that

We are the true and first inventors of an invention entitled

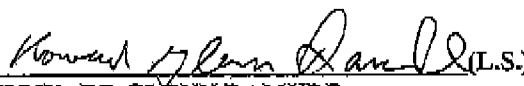
**DELTA-9 ELONGASES AND THEIR USE IN MAKING POLYUNSATURATED
FATTY ACIDS**

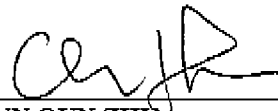
and which is disclosed in United States Patent Application No. 12/102879 filed on April 15, 2008 (and which is identified as Case Number CL3923USNA).

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.)
HOWARD GLENN DAMUDE
DATE: 5/2/08


_____(L.S.)
QUINN QUN ZHU
DATE: 5/8/08