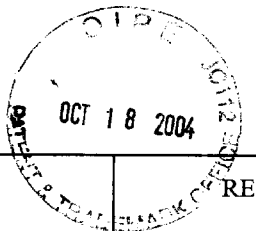
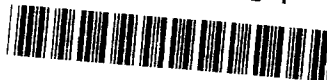


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PATENT  
Attorney Docket No.: DOW/BSA-07659

Form PTO-1595

U.S. Department of Commerce  
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Names of conveying parties:</p> <p><b>Ingo H. Heilmann</b> <b>John Shanklin</b></p> <p>Additional name(s) of conveying party(ies) attached? <b>No</b></p>	<p>2. Name and address of receiving party:</p> <p><b>Brookhaven Science Associates, LLC</b> <b>Brookhaven National Lab, Building 475D</b> <b>Upton, New York 11973</b></p> <p>Additional name(s) &amp; address(es) attached? <b>No</b></p>		
<p>3. Nature of conveyance: <b>ASSIGNMENT</b></p> <p>Execution Date: <b>9/28/04</b></p>			
<p>4. Title of Invention: <b>ADS Genes for Reducing Saturated Fatty Acid Levels in Seed Oils</b></p> <p>Application number(s) or patent number(s):</p> <table border="0"> <tr> <td data-bbox="198 865 808 961"> <p>A. Patent Application No.(s):</p> <p><b>10/857,765</b></p> </td> <td data-bbox="915 865 1521 961"> <p>B. Patent No.(s):</p> </td> </tr> </table> <p>Additional numbers attached? <b>No</b></p>		<p>A. Patent Application No.(s):</p> <p><b>10/857,765</b></p>	<p>B. Patent No.(s):</p>
<p>A. Patent Application No.(s):</p> <p><b>10/857,765</b></p>	<p>B. Patent No.(s):</p>		
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p><b>J. Mitchell Jones</b> <b>MEDLEN &amp; CARROLL, LLP</b> <b>101 Howard Street, Suite 350</b> <b>San Francisco, California 94105</b></p>	<p>6. Total number of applications and patents involved: <b>1</b></p> <p>7. <u>Total fees:</u> Check in the amount of <b>\$170.00</b> enclosed (<b>\$130.00</b> surcharge for filing missing parts of an application, and <b>\$40.00</b> Assignment recordation fee).</p> <p>8. <u>Deposit Account Authorization:</u> The Commissioner is hereby authorized to charge any deficiency in the payment of the required fees, and/or credit any overpayment, to Deposit Account No. <b>08-1290</b>. An originally executed duplicate of this transmittal is enclosed for this purpose.</p>		

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9. Statement and Signature: *To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.*

Date: October 12, 2004

Signature: 

Name: J. Mitchell Jones

Reg. No.: 44,174

Total number of pages including cover sheet, attachments, and document: **5**

PATENT  
REEL: 015901 FRAME: 0149

PATENT

Attorney Docket No.: DOW/BSA-07659

## ASSIGNMENT

WHEREAS, WE, Ingo H. Heilmann and John M. Shanklin, hereinafter referred to as "ASSIGNOR," have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **ADS Genes for Reducing Saturated Fatty Acid Levels in Seed Oils**

Filing Date: **05/28/2004** Serial No.: **10/857,765**

WHEREAS, Brookhaven Science Associates, LLC, a New York corporation, Brookhaven National Lab, Building 475D, Upton, New York 11973, hereinafter referred to as "ASSIGNEE," is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to ASSIGNOR by ASSIGNEE and other good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred, and by these presents does sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world, including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNOR had this assignment and transfer not been made, to the full end and term of any Letters Patent.

ASSIGNOR further agrees that ASSIGNOR will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof; and perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNOR has hereunto signed ASSIGNOR's names to this Assignment on the date indicated below.

Ingo H. Heilmann 9/28/04  
Ingo H. Heilmann Date

John M. Shanklin 9/28/04  
John Shanklin Date

STATE OF New York  
COUNTY OF Suffolk ss.

On this 28 day of September, in the year of 2004, before me, the undersigned notary public, personally appeared the above-named ASSIGNOR, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same.

Patricia F. Fox  
NOTARY PUBLIC

SEAL

PATRICIA F. FOX  
Notary Public, State of New York  
No. 4742510, Suffolk County  
Term Expires June 30, 2007

RECORDED: 10/18/2004

PATENT  
REEL: 015901 FRAME: 0150