



To the Honorable Commissioner of Patents and Trademarks		101760690	Attached original documents or copy thereof.
<p>1. Name of conveying party(ies)</p> <p>Ronald E. Subden; Aldis Krizus; Chuanpit Osothsilp-de-Eknamakul</p> <p>Additional name(s) of conveying party(ies) attached: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> <u>6-20-01</u></p>		<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>University of Guelph</u></p> <p>Internal Address: <u>Office of the Vice-President of Research</u></p> <p>Street Address: <u>Reynolds Building</u></p> <p>City: <u>Guelph</u> State: <u>Ontario</u> ZIP: <u>N1G 2W1</u> Country: <u>Canada</u></p> <p>Additional names/addresses attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>	
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p>Other: _____</p> <p>Execution Date: <u>March 16, 1998; May 26, 1998; May 27, 1998</u></p>			
<p>4. Application number(s) or patent number(s):</p> <p>If this document is being filed together with a new application, the execution date of the application is: _____</p> <p>A. Patent Application No.(s) <u>08/952,365</u></p>		<p>B. Patent No.(s)</p> <p>Additional numbers attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>	
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Micheline Gravelle</u></p> <p>Internal Address: <u>c/o Bereskin &amp; Parr</u></p> <p>Street Address: <u>Box 401, 40 King Street West</u></p> <p>City: <u>Toronto</u> State: <u>Ontario</u> ZIP: <u>M5H 3Y2</u></p> <p>Country: <u>Canada</u></p>		<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) <u>\$40.00</u></p> <p><input type="checkbox"/> Enclosed</p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: <u>02-2095</u></p>	
<p>08/26/2001 LMUELLER 00000006 022095 08952365 DO NOT USE THIS SPACE</p> <p>01 FC:581 40.00 CH</p>			
<p>9. Statement and signature.</p> <p>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.</p> <p><u>Micheline Gravelle, Reg. No. 40,261</u> <u>June 19, 2001</u></p> <p>Name of Person Signing Signature Date</p> <p>BP File # 6580-81 Total number of pages including cover sheet: <u>3</u></p>			
<p>OMB No. 0651-0011 (exp. 4/94)</p> <p>Do not detach this portion</p> <p>Mail documents to be recorded with required cover sheet information to:</p> <p>Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231</p> <p>Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.</p> <p>PATENT</p> <p>REEL: 011916 FRAME: 0227</p>			

## ASSIGNMENT

WHEREAS WE, (1) Ronald E. Subden, (2) Aldis Krizus, (3) Chuanpit Osothsilp-de-Eknamakul, whose full post office addresses are (1) 160 Maple Street, Guelph, Ontario, N1G 2G7, Canada, (2) 4315 Melrose No. 9, Montreal, Quebec, H4A 2S7, Canada, (3) 30 Sukhumvit, 59 Klongton, Bangkok, Thailand, respectively have invented certain new and useful improvements in an invention entitled **A METHOD AND NUCLEOTIDE SEQUENCE FOR TRANSFORMING MICROORGANISMS**, for which an international patent application No. PCT/CA96/00320 was filed on May 17, 1996 claiming priority from South African patent application serial no. 95/4072 filed on May 18, 1995, and for which the United States national phase was entered on November 18, 1997 under serial no. 08/952,365, Canadian national phase was entered on November 17, 1997, European national phase was entered on December 18, 1997 under serial no. 96914819.6 and publication number 0825541 and Australian national phase was entered on December 17, 1997 under serial no. 56827/96, under the above title,

AND WHEREAS University of Guelph of Guelph, Ontario, N1G 2W1, Canada, has acquired from us our whole right, title and interest for the United States of America and all other countries in and to the said invention and in and to any Letters Patent that may be obtained therefor, and in and to said applications,

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of all of which is hereby acknowledged, we, Ronald E. Subden, Aldis Krizus and Chuanpit Osothsilp-De-Eknamakul, by these presents confirm that we have sold, assigned and transferred and do hereby sell, assign and transfer unto the said University of Guelph, entire right to the said invention in the United States of America and all other countries and our entire right, title and interest in and to any and all Letters Patent which may be granted therefor and all reissues or extensions of such patents, and our entire right, title and interest in and to said applications, and in and to any divisions, continuations, continuations-in-part, and renewals and extensions of said applications, together with the right to claim the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property based on said application for United States Letters Patent.

We agree that we will without further consideration do all such things and execute all such documents as may be necessary or desirable to obtain and maintain patents for said invention and for additions and modifications thereto in any and all countries, and to vest title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We hereby authorize and request the Commissioner of Patents and Trademarks and any other Patent Office to issue said Letters Patent to said University of Guelph, an assignee of the right, title and interest in and to the same, for its use and benefit, and for the use and

benefit of its successors and assigns, to the full end of the term for which Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made.

The undersigned University of Guelph accepts this assignment from Ronald E. Subden, Aldis Krizus and Chuanpit Osothsilp-de-Eknamakul.

SIGNED this 16<sup>th</sup> day of March, 1998 at Guelph Ontario  
Canada.

[Signature]  
Witness

Ronald Subden  
Ronald E. Subden

SIGNED this 26<sup>th</sup> day of May, 1998 at Toronto, Ontario  
Canada.

[Signature]  
Witness

Aldis Krizus  
Aldis Krizus

SIGNED this 27<sup>th</sup> day of May, 1998 at Bangkok  
Thailand.

Attant Jipoolong  
Witness

Chuanpit Osothsilp-de-Eknamakul  
Chuanpit Osothsilp-de-Eknamakul

SIGNED this 27 day of MAY, 1998 at GUELPH, ONTARIO  
CANADA.

Jeanette Pearson  
Witness

Angela Vuk  
University of Guelph  
Print Name: ANGELA Vuk.  
Title: TECHNOLOGY TRANSFER.