

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>J. Bryan Jones</td> <td>02/08/2002</td> </tr> </tbody> </table>		Name	Execution Date	J. Bryan Jones	02/08/2002						
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>The Governing Council of the University of Toronto</td> </tr> <tr> <td>Street Address:</td> <td>27 King's College Circle</td> </tr> <tr> <td>City:</td> <td>Toronto, Ontario</td> </tr> <tr> <td>State/Country:</td> <td>CANADA</td> </tr> <tr> <td>Postal Code:</td> <td>M5S 1A1</td> </tr> </table>		Name:	The Governing Council of the University of Toronto	Street Address:	27 King's College Circle	City:	Toronto, Ontario	State/Country:	CANADA	Postal Code:	M5S 1A1
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13561257</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13561257						
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Application Number:	13561257										
CORRESPONDENCE DATA											
Fax Number:	6508456504										
Phone:	(650) 846-7500										
Email:	diana.schaller@dupont.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	David C. Scherer										
Address Line 1:	925 Page Mill Road										
Address Line 4:	Palo Alto, CALIFORNIA 94304										
ATTORNEY DOCKET NUMBER:	30566-2-C4										
NAME OF SUBMITTER:	David C. Scherer										
<p>Total Attachments: 4 source=566-2-C3-ASGMT-JBJ-TO-UOT#page1.tif source=566-2-C3-ASGMT-JBJ-TO-UOT#page2.tif source=566-2-C3-ASGMT-JBJ-TO-UOT#page3.tif source=566-2-C3-ASGMT-JBJ-TO-UOT#page4.tif</p>											

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PATENT

AMENDED AND RESTATED ASSIGNMENT

Whereas the parties to this assignment acknowledge that the language of their original assignment agreement was not reflective of the parties' original intentions, whereas the parties intend to amend, restate, and supercede their prior assignment, and whereas the parties acknowledge that this Amended and Restated Assignment document is intended to reflect, clarify and correctly state the parties' original intentions, with respect to the invention described below, the parties agree as follows:

For good and valuable consideration, receipt of which is hereby acknowledged, J. Bryan Jones, a citizen of Canada, residing at 1275 Seaforth Crescent, RR3 Lakefield, Ontario Canada K0L 2H0, having acquired by prior assignment from application 60/107,758 which assignment was recorded, along with a correction to the address of the Receiving Party, as of February 26, 1999 at Reel 009785, Frames 0991-0994 and from application 60/113,061 which assignment was recorded as of April 27, 1999 at Reel 009914, Frames 0650-0653 and said assignment having been corrected to correct the spelling of the Receiving Party, said correction recorded as of August 30, 1999 at Reel 010289, Frames 0422-0428 a right, title and interest in an invention of J. Bryan Jones and Michael Dickman entitled:

CHEMICALLY MODIFIED MUTANT SERINE HYDROLASES SHOW IMPROVED CATALYTIC ACTIVITY AND CHIRAL SELECTIVITY

for which a United States patent application has been executed and filed on November 9, 1999, and which application now has Serial No. 09/436,513, and having acquired a right, title and interest in all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications, and having acquired the right to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from J. Bryan Jones and Michael Dickman.

Now, the parties agree to amend, restate and supercede in their entirety the prior assignments, and in view of the above premises and effective as of the execution dates of those prior assignments, J. Bryan Jones hereby sells, assigns and transfers to the Governing Council of the University of Toronto, its successors and assigns, the right, title and interest he

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acquired by virtue of the above-referenced assignment recorded, along with a correction to the address of the Receiving Party, as of February 26, 1999 at Reel 009785, Frames 0991-0994 from application 60/107,758 and J. Bryan Jones hereby sells, assigns and transfers to the Governing Council of the University of Toronto, its successors and assigns, the right, title and interest he acquired by virtue of the above-referenced assignment recorded as of April 27, 1999 at Reel 009914, Frames 0650-0653, said assignment having been corrected to correct the spelling of the Receiving Party, said correction recorded as of August 30, 1999 at Reel 010289, Frames 0422-0428 from application 60/113,061 from J. Bryan Jones and Michael Dickman as inventors, throughout the world in said invention entitled:

**CHEMICALLY MODIFIED MUTANT SERINE HYDROLASES SHOW IMPROVED CATALYTIC
ACTIVITY AND CHIRAL SELECTIVITY**

for which a United States patent application has been executed and filed on November 9, 1999, and which application now has Serial No. 09/436,513, and in all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; the Governing Council of the University of Toronto authorizes Genencor International Inc., as licensee, to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from the Governing Council of the University of Toronto, and agrees to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid Genencor International Inc., its successors, assigns and nominees, at its request and expense, in obtaining and enforcing patents for said invention in all countries.

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J. Bryan Jones warrants, covenants and represents that he has not heretofore granted any license, right or privilege with respect to said application, invention or improvements, or in any way encumbered the same, and that he has the full right to make this assignment.

Executed this 8 day of February, 2002.

By: J B Jones
Title: _____

State of Ontario, Canada)
County of _____) ss.

Executed this _____ day of _____, 20__.

By: _____
Title: _____

State of _____)
County of _____) ss.

J. Bryan Jones warrants, covenants and represents that he has not heretofore granted any license, right or privilege with respect to said application, invention or improvements, or in any way encumbered the same, and that he has the full right to make this assignment.

Executed this _____ day of _____, 20__.

By: _____

Title: _____

State of _____)
County of _____) ss.

Executed this 14 day of February, 2005.

By: Peter B. Munsche

Title: _____

Province of Ontario)
State of Ontario) ss.
County of Canada)

Peter B. Munsche
Assistant Vice-President
Technology Transfer
University of Toronto