

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Genencor International Inc.	03/14/2002
RECEIVING PARTY DATA	
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
PROPERTY NUMBERS Total: 1	
Property Type	Number
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
Total Attachments: 4 source=566-2-C3-ASGMT-GCI-TO-UOT#page1.tif source=566-2-C3-ASGMT-GCI-TO-UOT#page2.tif source=566-2-C3-ASGMT-GCI-TO-UOT#page3.tif source=566-2-C3-ASGMT-GCI-TO-UOT#page4.tif	

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COPY

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, Genencor International Inc., a Delaware corporation, having a place of business at 4 Cambridge Place, 1870 South Winton Road, Rochester, New York, having acquired by prior assignments from application 60/107,758 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 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 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, Genencor International Inc. hereby sells, assigns and transfers to the Governing Council of the University of Toronto, its successors and assigns, the right, title and interest it 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 from J. Bryan Jones, and by virtue of the 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 by Michael Dickman as inventors, throughout the world in said 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 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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Executed this 14 day of March, 2002.

By: Margaret C. Hsu

Title: MARGARET A. HORN
VICE PRESIDENT

State of _____)
) ss.
 County of _____)

Executed this _____ day of _____, 20_____

By: _____

Title: _____

State of _____)
) ss.
 County of _____)

Genencor International Inc. warrants, covenants and represents that it 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 it has the full right to make this assignment.

Executed this _____ day of _____, 20__.

By: _____

Title: _____

State of _____)

) ss.

County of _____)

Executed this 14 day of February, 2002.

By: Peter B. Munsche

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

^{Province}
~~State~~ of Ontario)

) ss.

County of Canada)