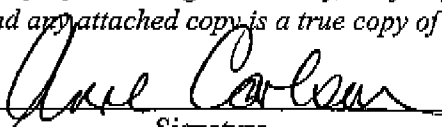


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Atty. Ref. No. 4239-64830-01

RECORDATION FORM COVER SHEET – PATENTS ONLY		
VIA FACSIMILE (571) 273-0140 DIRECTOR OF PATENTS AND TRADEMARKS P.O. BOX 1450 ALEXANDRIA, VA 22313-1450		
1. Total number of pages including cover sheet, attachments and document: 4		
2. Name of Conveying Party(ies) and Execution Date(s) of Document(s) <input type="checkbox"/> Check here if additional name(s) attached Name(s): Rita Bortell, Ph.D. Execution Date(s): July 15, 2005		
3. Name and address of receiving party <input type="checkbox"/> Check here if additional name(s) & address(es) are attached Name University of Massachusetts Address 225 Franklin Street, 12 th Floor City Boston State/Country Massachusetts Zip 02110		
4. Nature of Conveyance <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Name Change <input type="checkbox"/> Other:		
5. Total number of applications and patents involved: 3		
6. Total Fee Enclosed (37 C.F.R. § 3.41): \$120.00		
7. <input checked="" type="checkbox"/> Check here if any deficiency/overpayment is authorized to be charged to deposit account 02-4550		
8. Enter either the Execution date (of the Declaration and Power of Attorney), Application Number, or the Patent Number. Do not enter more than one number for the same patent. A. <input type="checkbox"/> This document is being filed with a new application. Execution date is: _____ B. <input checked="" type="checkbox"/> Patent Application No.(s) or Patent No.(s): <u>60/393,033 filed June 28, 2002; PCT/US2003/20498 filed June 27, 2003; and 10/517,565 filed December 7, 2004</u> <input type="checkbox"/> Check here if additional numbers are attached		
9. Correspondent's name, address, and telephone number Anne Carlson, Ph.D. Klarquist Sparkman, LLP One World Trade Center, Suite 1600 121 S.W. Salmon Street Portland, Oregon 97204-2988 Telephone: 503-595-5300 Facsimile: 503-228-9446		
10. <input type="checkbox"/> Please return the attached postcard to confirm that these items have been received.		
11. Statement and signature <i>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.</i>		
Anne Carlson, Ph.D. Name of Person Signing	 Signature	August 19, 2005 Date

CH \$120.00 024550 10517565

cc: Accounting (only if via fax)
Docketing
Client

700204765

PATENT
REEL: 016655 FRAME: 0903

WDN/AC:gtc 07/15/05 4239-64830-01 UMMC 02-39 Assignment.doc

ASSIGNMENT

WHEREAS, I, Rita Bortell, of Shirley, Massachusetts, a citizen of the United States of America, along with other inventors have invented a certain invention, entitled TRYPTOPHAN AS A FUNCTIONAL REPLACEMENT FOR ADP-RIBOSE-ARGININE IN RECOMBINANT PROTEINS, for which the following patent applications have been filed:

U.S. Provisional Patent Application No. 60/393,033, filed on 28 June 2002; and
PCT Application No. PCT/US2003/20498 filed on 27 June 2003;

both of which are referred to herein as "the patent applications."

WHEREAS, on April 26, 2004, I executed an assignment of my rights in this invention to the University of Massachusetts Medical Center, rather than to the University of Massachusetts;

WHEREAS, in fact the correct legal name of the assignee is University of Massachusetts;

WHEREAS, University of Massachusetts, a legal entity having a place of business at 225 Franklin Street, 12th Floor, Boston, Massachusetts, 02110, United States of America, desires to clarify its interest in this invention:

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I, Rita Bortell, hereby sell, assign and transfer to University of Massachusetts, and confirm my prior transfer, of my full and exclusive right, title and interest in and to said invention, patent applications and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; said invention, applications and letters patent in this or any foreign country, and all divisions, continuations, reissues and extensions thereof, to be held and enjoyed by University of Massachusetts, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by me had this assignment and sale not been made, and covenant that I have full right so to do, and agree that I will communicate to University of Massachusetts, or its successors and assigns, any facts known to me respecting said

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University of Massachusetts hereby accepts the assignment of rights in this invention from Rita Bortell.

Executed at Worcester, Mass (place), this 26th day of July, 2005.

UNIVERSITY OF MASSACHUSETTS

By: James P. McNamara

Name: James P. McNamara, Ph.D.

Title: Executive Director, OTM

STATE OF MASSACHUSETTS)
) ss.
COUNTY OF WORCESTER)

This 26th day of July, 2005, before me personally came the above-named James P. McNamara, who executed the foregoing instrument in my presence, and who acknowledged to me that he/she executed the same of his/her own free will for the purposes set forth therein.

Dianne M. Monfredo
Notary Public for

My commission expires: **DIANNE M. MONFREDO**
Notary Public
Commonwealth of Massachusetts
My Commission Expires
November 25, 2005
November 25, 2005

