



RECORDATION

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1. Total number of pages including cover sheet, attachments and document: 3

2. Name of Conveying Party(ies) and Execution Date(s) of Document(s) Check here if additional name(s) attached

Name(s): Susan Cumberledge
Execution Date(s): July 16, 2002

3. Name and address of receiving party Check here if additional name(s) & address(es) are attached

Name The University of Massachusetts
Address 140 Hicks Way
City Amherst State/Country MA Zip 01003

4. Nature of Conveyance

Assignment Merger Security Agreement Name Change Other:

5. Total number of applications and patents involved: 1

6. Total Fee Enclosed (37 C.F.R. § 3.41): \$40.00

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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. This document is being filed with a new application. Execution date is: _____

B. Patent Application No.(s) or Patent No.(s): 09/546,043

Check here if additional numbers are attached

9. Correspondent's name, address, and telephone number

Susan Alpert Siegel
Klarquist Sparkman, LLP
One World Trade Center, Suite 1600
121 S.W. Salmon Street
Portland, Oregon 97204-2988
Telephone: 503-226-7391

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2002

10. 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.*

Susan Alpert Siegel
Name of Person Signing

Signature

August 8, 2002
Date

08/16/2002 AQHMED: 00000095 09546043
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ASSIGNMENT

WHEREAS, I, Susan Cumberledge [Assignor], of Amherst, MA, have invented a certain invention, entitled "Secreted Frizzled Related Protein, SFRP, Fragments and Methods of Use Thereof," for which the following patent applications have been filed:

U.S. Patent Application USSN 09/546,043, filed 4/10/00

All of which applications are collectively referred to as "the patent applications."

WHEREAS, the University of Massachusetts [Assignee], desires to acquiring all domestic and foreign right, title and interest in the aforesaid invention described in the aforesaid patent applications; and

NOW, THEREFORE, to all whom it may concern, be it known for and in consideration of the premises and other valuable consideration, I the undersigned, have sold, assigned, and transferred and by these presents do sell, assign and transfer unto the University of Massachusetts, and its successors, the full and exclusive right, title and interest in the invention, patent applications and patent rights throughout the United States of America, its territories and dependencies, and within each and every foreign country in which the University of Massachusetts elects to file the invention described in the aforesaid patent applications, all rights in the invention and the patent applications, and all Letters Patents and Registrations which may be granted on the same in the United States of America and all countries throughout the world, and to claim the priority from the patent applications as provided by United States laws and the Paris Convention, or of any divisional, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof;

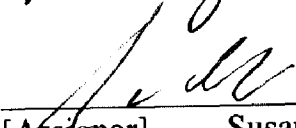
AND, I hereby agree to execute any an all applications for Letters Patent in the United States of America and all foreign countries, and to furnish and deliver to the University of Massachusetts, upon request, all data and documents, and to execute any papers which may be

necessary for the prosecution of any application or applications of Letters Patent or for the University of Massachusetts to exercise its rights granted hereunder, including communicating to the University of Massachusetts, its representatives or agents, any facts relating to said invention, including evidence for interference purposes, or for other proceedings, whenever requested, to testify in any interference or other proceedings, whenever requested, and to execute and deliver on request all lawful papers required to make any of the foregoing provisions effective, and likewise make these provisions binding upon our heirs, legal representatives, administrators and assigns, and I shall assist the University of Massachusetts in every way as may be requested in protecting said invention, provided that any expense of extending such assistance shall be paid by the University of Massachusetts.

I hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information which may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

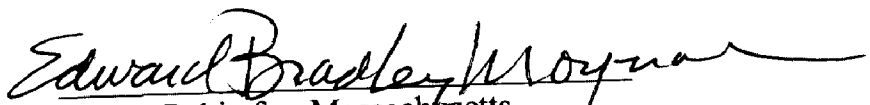
IN TESTIMONY WHEREOF, I have signed my name on the date indicated.

Executed at Amherst, MA, this 16 day of July, 2002


[Assignor] Susan L. Cumberledge

State of Massachusetts
County of Hampshire

This 16 day of July, 2002, before me personally came the above-named Susan L. Cumberledge, who executed the foregoing instrument in my presence, and who acknowledged to me that she executed the same of her own free will for purposes set forth therein.


Notary Public for: Massachusetts
My commission expires: July 1, 2005